



JOSE ANTONIO SOBRINO RODRIGUEZ

Generated from: Editor CVN de FECYT
Date of document: 29/04/2021

v 1.4.3

7606906637d19f349b4365793308113e

This electronic file (PDF) has embedded CVN technology (CVN-XML). The CVN technology of this file allows you to export and import curricular data from and to any compatible data base. List of adapted databases available at: <http://cvn.fecyt.es/>



Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

José Antonio Sobrino, Ph.D. in Physics (1989). Professor of Earth's Physics and Remote Sensing of the University of Valencia (UVEG). Director of the Global Change Unit of the University of Valencia. President of the Spanish Association of Remote Sensing. Coordinator of the Spanish chapter of the Latin American Society of Earth Observation (SELPER). Member of the Mission Advisory Group of the Copernicus Land Surface Temperature Monitoring, LSTM, mission of the European Space Agency (ESA). Member of the Scientific Group of the Indian-French TRISHNA mission. Field Chief Editor of the International Journal Frontiers in Remote Sensing. President Recent Advances in Quantitative Remote Sensing symposiums. Coordinator for the National Earth Observation Network (RNOT) of Spain. Member of Earth Science Advisory Committee (ESA) from 2003-2007. Member of the review Committee of the Earth Observation Envelope Programme (EOEP), ESA, 2005. Coordinator of the Land Product Validation/Land Surface Temperature and Emissivity Committee on Earth Observations Satellites (CEOS) from 2010-2016.

He has authored more than 300 publications, 350 international conference papers and 30 book chapters. He has directed 20 theses and has been de PI of more than 70 research projects funded by Spain, European Union (UE), ESA. PI of the in situ campaigns of ESA (DESIREX-2008). Cited more than 18500 times, h=64, i10=166 (Google Scholar). Guest Editor of 15 special issues in International Journals. Member of the Editorial Advisory Board of Several international Journals in Earth Observation. Director of Revista Teledetección. Expert Panel at National and International Programs -INCO, COST, GIOLAND (UE), DAS (Denmark), AERES (France), GRF (Germany), NERC (UK), BELSPO (Belgium), ISF (Israel), etc. Copernicus accelerator Mentor (UE-ESA). Close international cooperation with leading Earth observation centres in Africa, Asia, Europa, Latin America and United States. King Jaime I Award of Environmental Protection 2019.

More information can be found in <https://www.uv.es/sobrino/>.



General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

<https://scholar.google.es/citations?user=XvztoRQAAAAJ&hl=es> (25 Noviembre 2020)

Citations 18728

5 sexenios de investigación, el último en 2017, 1 sexenio de transferencia, 5 quinquenios docentes, 20 tesis doctorales dirigidas, 9 en los últimos 10 años, citas totales 17537, promedio de 1820 citas/año durante los últimos 5 años, 155 Publicaciones totales en primer cuartil (Q1), h=64, ih10=166

JOSE ANTONIO SOBRINO RODRIGUEZ

Surname(s): SOBRINO RODRIGUEZ
Name: JOSE ANTONIO
DNI: 22645312H
ORCID: 0000-0003-3787-9373
ScopusID: 55939316400
ResearcherID: M-1585-2014
Date of birth: 03/07/1961
Gender: Male
Nationality: Spain
Country of birth: Spain
Aut. region/reg. of birth: Galicia
Contact province: Valencia
City of birth: Outomuro
Contact address: Departament Fisica de la Tierra y Termodinamica.
Rest of contact address: C/Dr. Moliner, 50
Postcode: 46100
Contact country: Spain
Contact aut. region/reg.: Valencian Community
Contact city: Burjassot
Land line phone: (34) 963543115 - 43115
Email: sobrino@uv.es
Mobile phone: (34) 690202964
Personal web page: <https://www.uv.es/sobrino>

Current professional situation

Employing entity: Universitat de València
Department: ERI LPI (LABORATORIO DE PROCESADO DE IMAGENES)
Professional category: CATEDRÁTICO DE UNIVERSIDAD
Start date: 07/12/2009
Type of contract: Civil servant **Dedication regime:** Full time
Primary (UNESCO code): 250100 - Atmospheric sciences
Secondary (UNESCO code): 250916 - Satellite meteorology
Tertiary (UNESCO code): 250206 - Physical climatology
Performed tasks: CUMPLIMENTE LA DEDICACIÓN PROFESIONAL EN EL APARTADO DE TEXTOS DEL CURRÍCULUM

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universitat de València	Profesor Titular de Universidad	25/07/1994
2	Universitat de València	Ayudante Universidad	04/10/1990
3	Universitat de València	Becario FPI	01/01/1988
4	Universitat de València	Becario Universitat de Valencia	01/01/1986



	Employing entity	Professional category	Start date
5	Universitat de València	Colaborador Honorífico Departamento de Termodinamica	01/10/1985

- 1** **Employing entity:** Universitat de València
Professional category: Profesor Titular de Universidad
Start-End date: 25/07/1994 - 06/12/2009 **Duration:** 15 years - 4 months - 14 days
- 2** **Employing entity:** Universitat de València
Professional category: Ayudante Universidad
Start-End date: 04/10/1990 - 24/07/1994 **Duration:** 3 years - 9 months - 21 days
- 3** **Employing entity:** Universitat de València
Professional category: Becario FPI
Start-End date: 01/01/1988 - 03/10/1990 **Duration:** 2 years - 10 months - 3 days
- 4** **Employing entity:** Universitat de València
Professional category: Becario Universitat de Valencia
Start-End date: 01/01/1986 - 31/12/1987 **Duration:** 2 years
- 5** **Employing entity:** Universitat de València
Professional category: Colaborador Honorífico Departamento de Termodinamica
Start-End date: 01/10/1985 - 31/12/1985 **Duration:** 3 months



Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

- 1** **University degree:** Diplomatura / Licenciatura / Grado
Name of qualification: Licenciado con grado
Degree awarding entity: Universitat de Valencia, Facultat de Fisica
Date of qualification: 1986
- 2** **University degree:** Diplomatura / Licenciatura / Grado
Name of qualification: Licenciado en Fisica
Degree awarding entity: Universitat de Valencia, Facultat de Fisica
Date of qualification: 1985

Doctorates

Doctorate programme: Doctor en Fisica
Degree awarding entity: Universitat de Valencia, Facultat de Fisica
Date of degree: 1989
Type of entity: University

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Portuguese	C1	C1	B1	B1	A1
Catalan	C2	C2	B2	A2	A2
Gallegan	C2	C2	C2	C1	B1
French	C2	C2	C2	C2	C1
English	C2	C2	C2	C2	C2
Spanish	C2	C2	C2	C2	C2

Teaching experience



Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** Land surface temperature and evapotranspiration estimation in the Amazon evergreen forests using remote sensing data
Entity: Universitat de València **Type of entity:** University
Student: Jose Gomis Cebolla
Date of reading: 18/12/2019
- 2** **Project title:** Calibration and Validation of Thermal Infrared Remote Sensing Sensors and Land/Sea Surface Temperature algorithms over the Iberian Peninsula
Type of project: Doctoral thesis
Entity: Universitat de València **Type of entity:** University
City of entity: Spain
Student: Drazen Skokovic
Obtained qualification: Apto cum laude
Date of reading: 2017
- 3** **Project title:** Changing Horizon of Climate Science: From Scientific knowledge towards demand based, integrated climate services
Type of project: Doctoral thesis
Entity: Universitat Rovira i Virgili **Type of entity:** University
City of entity: Spain
Student: Annamária Lehoczky
Obtained qualification: Apto cum laude
Date of reading: 2017
- 4** **Project title:** On the relationship between the land surface temperature and urban setting
Type of project: Doctoral thesis
Entity: Naples Parthenope
City of entity: Italy
Student: Mario Scarano
Obtained qualification: Apto cum laude
Date of reading: 2016
- 5** **Project title:** A model to estimate daily albedo from remote sensing data. Accuracy assessment of MODIS MCD43 product.
Type of project: Doctoral thesis
Entity: Universitat de València
City of entity: Spain
Student: Belen Franch Gras
Obtained qualification: Apto
Date of reading: 2012
- 6** **Project title:** Thermal Remote Sensing of Urban Areas. The Case study of the Urban heat Island of Madrid.
Type of project: Doctoral thesis
Entity: Universitat de València
City of entity: Spain
Student: Rosa Carme Oltra Carrio
Obtained qualification: Apto



Date of reading: 2012

- 7** **Project title:** Estimacion de parametros termicos mediante datos de alta frecuencia temporal: Aplicacion al sensor MSG2/SEVIRI
Type of project: Doctoral thesis
Entity: Universitat de València
City of entity: Spain
Student: Mariam Atitar
Obtained qualification: Sobresaliente cum laude
Date of reading: 2011
- 8** **Project title:** Sinergia entre datos opticos y de microondas pasivas para el estudio de variables biofisicas sobre coberturas naturales
Type of project: Doctoral thesis
Entity: Universitat de València
City of entity: Spain
Student: Cristian Mattar
Obtained qualification: Sobresaliente cum laude
Date of reading: 2011
- 9** **Project title:** Methodology development for retrieving atmospheric aerosol opacity from satellite multi-angle image
Type of project: Doctoral thesis
Entity: Universitat de València
City of entity: Spain
Student: Shen Qingfeng
Obtained qualification: Notable
Date of reading: 2010
- 10** **Project title:** Detección del estrés hídrico en árboles frutales mediante teledetección térmica de alta resolución espacial AHS e imágenes ASTER
Type of project: Doctoral thesis
Entity: Universitat de València
City of entity: Spain
Student: GUADALUPE SEPLUCRE CANTO
Obtained qualification: Sobresaliente
Date of reading: 2008
- 11** **Project title:** Vegetation monitoring through retrieval of NDVI and LST time series from historical databases
Type of project: Doctoral thesis
Entity: Universitat de València
City of entity: Spain
Student: Yves Julien
Obtained qualification: Sobresaliente
Date of reading: 2008
- 12** **Project title:** Algoritmos d'estimació de la temperatura de la superfície terrestre amd dades AATSR. Validació en zones heterogenies.
Type of project: Doctoral thesis
Entity: Universitat de València
City of entity: Spain
Student: GUILLEM PAU SORIA I BARRES

Obtained qualification: Sobresaliente cum laude
Date of reading: 2006

- 13** **Project title:** Cartografiado de la evapotranspiracion mediante teledetección: Aplicación a sensores de alta y baja resolucion
Type of project: Doctoral thesis
Entity: Universitat de València
City of entity: Spain
Student: MÓNICA GÓMEZ RODRÍGUEZ
Obtained qualification: Sobresaliente cum laude
Date of reading: 2006
- 14** **Project title:** Estimación de la temperatura de la superficie terrestre a partir de datos METEOSAT 8/ SEVIRI.
Type of project: Doctoral thesis
Entity: Universitat de València
City of entity: Spain
Student: MIREIA ROMAGUERA ALBENTOSA
Obtained qualification: Sobresaliente cum laude
Date of reading: 2006
- 15** **Project title:** Estimación de la temperatura y la emisividad de la superficie terrestre a partir de datos suministrados por sensores de alta resolución.
Type of project: Doctoral thesis
Entity: Universitat de València
City of entity: Spain
Student: JUAN CARLOS JIMENEZ MUÑOZ
Obtained qualification: Sobresaliente cum laude
Date of reading: 2005
- 16** **Project title:** Estudio de la variación angular de la emisividad en el infrarrojo térmico
Type of project: Doctoral thesis
Entity: Universitat de València
City of entity: Spain
Student: JUAN CUENCA PASCUAL
Obtained qualification: Sobresaliente cum laude
Date of reading: 2005
- 17** **Project title:** Determinación de la temperatura de la superficie terrestre a partir de datos MODIS.
Type of project: Doctoral thesis
Entity: Universitat de València
City of entity: Spain
Student: JAUAD EL KHARRAZ
Obtained qualification: Sobresaliente cum laude
Date of reading: 2004
- 18** **Project title:** Análisis multi-temporal de imágenes NOAA-AVHRR Pathfinder land para el seguimiento de la cobertura terrestre. Aplicación a la Cuenca Mediterránea.
Type of project: Doctoral thesis
Entity: Universitat de València
City of entity: Spain
Student: NAOUFAL RAISSOUNI



Obtained qualification: Sobresaliente cum laude
Date of reading: 1999

19 Project title: Un modelo para la determinación de la inercia térmica a partir de los datos suministrados por el sensor AVHRR

Type of project: Doctoral thesis

Entity: Universitat de València

City of entity: Spain

Student: Mohamed Hecham El Kharraz

Obtained qualification: Sobresaliente cum laude

Date of reading: 1998

20 Project title: Un método operativo para la determinación de la temperatura de la superficie terrestre desde satélites

Type of project: Doctoral thesis

Entity: Universitat de València

City of entity: Spain

Student: Cesar Coll Company

Obtained qualification: Sobresaliente cum laude

Date of reading: 1994

Educational or pedagogical publications, books, articles, etc.

1 J. C. Jiménez-Muñoz; J. A. Sobrino; G. Sòria; J. Delegido; S. Bañauls. The role of emissivity during the cooling of a body: an experimental design for a laboratory classroom, 912721 - European Journal Of Physics. 38 - 015102, (United Kingdom): 2017. Available on-line at: <<http://iopscience.iop.org/article/10.1088/0143-0807/38/1/015102?fromSearchPage=true>|<http://iopscience.iop.org/article/10.1088/0143-0807/38/1/015102?fromSearchPage=true>>.

Name of the materials: Artículo

Format: Article(s)

DOI: <https://doi.org/10.1088/0143-0807/38/1/015102>

2 JOSE ANTONIO Sobrino. TELEDETECCION, Universitat de València.

Name of the materials: LIBRO

Format: Book

Corresponding author: Yes



Scientific and technological experience

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** NEWS ECVS LAND SURFACE TEMPERATURE
Type of project: Basic research (including archaeological digs, etc)
Degree of contribution: Scientific coordinator
Entity where project took place: Universitat de València **Type of entity:** University
City of entity: Unknown
Name principal investigator (PI, Co-PI...): Jose Antonio Sobrino Rodriguez
Nº of researchers: 5
Funding entity or bodies: European Space Agency **Type of entity:** Otros organismos
Type of participation: Principal investigator
Name of the programme: ESA ITT
Code according to the funding entity: ESA CONTRACT NO. 4000123553/18/I-NB RP18G0033
Start-End date: 2019 - 2021 **Duration:** 3 years
Participating entity/entities: Universitat de València
Total amount: 114.000 €
- 2** **Name of the project:** CIENCIA Y TECNOLOGÍA PARA UN INSTRUMENTO TÉRMICO DE ALTA RESOLUCIÓN EN EL CONTEXTO DE MISIONES EUROPEAS Y DE LA ESA: SENTINEL-8, TMAX, TRISHNA
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Universitat de València **Type of entity:** University
City of entity: Unknown
Name principal investigator (PI, Co-PI...): Jose Antonio Sobrino Rodriguez
Nº of researchers: 5
Funding entity or bodies: Ministerio de Ciencia y Tecnología **Type of entity:** Otros organismos
City funding entity: Unknown
Type of participation: Co-ordinator
Name of the programme: PLAN NACIONAL
Code according to the funding entity: ESP2017-85770-R
Start-End date: 2018 - 2021 **Duration:** 3 years
Participating entity/entities: Universitat de València
Total amount: 350.000 €
Dedication regime: Full time



- 3** **Name of the project:** ESTRATEGIA CONJUNTA PARA LA PROTECCIÓN Y RESTAURACIÓN DE LOS ECOSISEMAS AFECTADOS POR INCENDIOS FORESTALES
Type of project: Basic research (including archaeological digs, etc)
Degree of contribution: Scientific coordinator
Entity where project took place: Universitat de València **Type of entity:** University
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez
Nº of researchers: 5
Funding entity or bodies: Union Europea
Type of participation: Principal investigator
Name of the programme: INTERREG SUDOE
Code according to the funding entity: SOE2/P5/E0811
Start-End date: 2018 - 2021 **Duration:** 2 years
Participating entity/entities: Universitat de València
Total amount: 85.000 €
- 4** **Name of the project:** REAL TIME SOIL MOISTURE FORECAST FOR SMART IRRIGATION (RET-SIF)
Type of project: Basic research (including archaeological digs, etc)
Degree of contribution: Scientific coordinator
Entity where project took place: Universitat de València **Type of entity:** University
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez
Nº of researchers: 5
Funding entity or bodies: European Space Agency **Type of entity:** Otros organismos
Type of participation: Principal investigator
Name of the programme: PCI2018
Code according to the funding entity: 093121
Start-End date: 2018 - 2021 **Duration:** 3 years
Participating entity/entities: Universitat de València
Total amount: 99.000 €
- 5** **Name of the project:** END TO END MISSION PERFORMANCE SIMULATOR FOR LSTM MISSION CONTRACT NUMBER LSTM-E2ES/UVEG-30128/19
Type of project: Research and development, including transfer
Degree of contribution: Scientific coordinator
Entity where project took place: Universitat de València **Type of entity:** University
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez
Nº of researchers: 5
Funding entity or bodies: European Space Agency **Type of entity:** Otros organismos
Type of participation: Principal investigator
Name of the programme: ESA ITT
Code according to the funding entity: ESA CONTRACT:4000125870/18/NL/LF
Start-End date: 2109 - 2020 **Duration:** 2 years



Participating entity/entities: Universitat de València
Total amount: 35.000 €

6 Name of the project: ASSESMENT OF THE POTENTIAL USE OF HIGH RESOLUTION THERMAL INFRA-RED (TIR) BANDS

Type of project: Basic research (including archaeological digs, etc)

Degree of contribution: Scientific coordinator

Entity where project took place: Universitat de València
Type of entity: University

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez

Nº of researchers: 5

Funding entity or bodies:

European Space Agency

Type of entity: Otros organismos

Type of participation: Principal investigator

Name of the programme: ESA ITT

Code according to the funding entity: ESA CONTRACT NO. 4000120368/17/NL/AF/HH:

Start-End date: 2018 - 2019

Duration: 2 years

Participating entity/entities: Universitat de València

Total amount: 85.000 €

7 Name of the project: SURFSENSE: TECHNICAL ASSISTANCE FOR AIRBONE AND GROUND MEASUREMENTS DURING THE HIGH SPATIO-TEMPORAL RESOLUTION LAND SURFACE TEMPERATURE EXPERIMENT

Type of project: Research and development, including transfer

Degree of contribution: Scientific coordinator

Entity where project took place: Universitat de València
Type of entity: University

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez

Nº of researchers: 5

Funding entity or bodies:

European Space Agency

Type of entity: Otros organismos

Type of participation: Principal investigator

Name of the programme: ESA ITT

Code according to the funding entity: ESA CONTRACT

Start-End date: 2018 - 2019

Duration: 2 years

Participating entity/entities: Universitat de València

Total amount: 45.000 €

8 Name of the project: DISEÑO DE UN SISTEMA INTELIGENTE DE RIEGO MEDIANTE PREDICIONES DE HUMEDAD DEL SUELO UTILIZANDO DATOS DE SATÉLITE Y MODELIZACIÓN HIDROMETEOROLÓGICA (SIM)

Type of project: Basic research (including archaeological digs, etc)

Geographical area: European Union

Degree of contribution: Scientific coordinator

Entity where project took place: Universitat de València
Type of entity: University

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez

Nº of researchers: 4

**Funding entity or bodies:**

Ministerio de Ciencia y Tecnología

Type of entity: Otros organismos**City funding entity:** Unknown**Type of participation:** Principal investigator**Name of the programme:** PCIN**Code according to the funding entity:** PCIN-2015-232**Start-End date:** 2016 - 2018**Duration:** 3 years**Participating entity/entities:** Universitat de València**Total amount:** 115.000 €**9 Name of the project:** THERMAL INFRARED IMAGER SCIENTIFIC SIMULATION (TIRI-SIM)**Type of project:** Basic research (including archaeological digs, etc)**Degree of contribution:** Scientific coordinator**Entity where project took place:** Universitat de València**Type of entity:** University**City of entity:** Unknown**Name principal investigator (PI, Co-PI....):** Jose Antonio Sobrino Rodriguez**Nº of researchers:** 5**Funding entity or bodies:**

European Space Agency

Type of entity: Otros organismos**Type of participation:** Principal investigator**Name of the programme:** ESA ITT**Code according to the funding entity:** RP18G0017 SUB-CONTRACT TO ESA CONTRACT Nº 4000117242/16/NL/FF/MC:**Start-End date:** 2016 - 2017**Duration:** 1 year - 6 months**Participating entity/entities:** Universitat de València**Total amount:** 35.000 €**10 Name of the project:** CALIBRACIÓN DE SATÉLITES DE OBSERVACIÓN DE LA TIERRA EN ESPAÑA: DESARROLLO, DISTRIBUCIÓN Y APLICACIÓN DE PRODUCTOS SATELITALES**Type of project:** Basic research (including archaeological digs, etc)**Geographical area:** National**Degree of contribution:** Coordinator of total project, network or consortium**Entity where project took place:** Universitat de València**Type of entity:** University**City of entity:** Unknown**Name principal investigator (PI, Co-PI....):** Jose Antonio Sobrino Rodriguez**Nº of researchers:** 5**Funding entity or bodies:**

Ministerio de Ciencia y Tecnología

Type of entity: Otros organismos**City funding entity:** Unknown**Type of participation:** Co-ordinator**Name of the programme:** PLAN NACIONAL**Code according to the funding entity:** ESP2014-52955-R**Start-End date:** 2015 - 2017**Duration:** 3 years**Participating entity/entities:** Universitat de València**Total amount:** 150.000 €**Dedication regime:** Full time



- 11 Name of the project:** CALIBRACIÓN DE SATÉLITES DE OBSERVACIÓN DE LA TIERRA EN ESPAÑA
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Universitat de València **Type of entity:** University
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez
Nº of researchers: 5
Funding entity or bodies: Ministerio de Ciencia y Tecnología **Type of entity:** Otros organismos
City funding entity: Unknown
Type of participation: Co-ordinator
Name of the programme: PLAN NACIONAL
Code according to the funding entity: AYA2011-29334-C02-01
Start-End date: 2012 - 2015 **Duration:** 3 years
Participating entity/entities: Universitat de València
Total amount: 350.000 €
Dedication regime: Full time
- 12 Name of the project:** RED NACIONAL DE OBSERVACIÓN DE LA TIERRA DESDE PLATAFORMAS ESPACIALES
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Universitat de València **Type of entity:** University
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez
Nº of researchers: 20
Funding entity or bodies: Ministerio de Ciencia y Tecnología **Type of entity:** State agency
City funding entity: Unknown
Type of participation: Co-ordinator
Name of the programme: PLAN NACIONAL
Code according to the funding entity: AYA2010-12292-E
Start-End date: 2011 - 2014 **Duration:** 3 years
Participating entity/entities: Universitat de València
Total amount: 40.000 €
Dedication regime: Full time
- 13 Name of the project:** SYNERGISTIC USE OF THE SENTINEL MISSIONS FOR ESTIMATING AND MONITORING LAND SURFACE TEMPERATURE (SEN4LST)
Type of project: Basic research (including archaeological digs, etc)
Degree of contribution: Scientific coordinator
Entity where project took place: Universitat de València **Type of entity:** University
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez
Nº of researchers: 5
Funding entity or bodies:



European Space Agency

Type of entity: Otros organismos**Type of participation:** Principal investigator**Name of the programme:** ESA ITT**Code according to the funding entity:** CONTRACT NO. 4000103516/11/I-AM**Start-End date:** 2011 - 2013**Duration:** 2 years - 4 months - 15 days**Participating entity/entities:** Universitat de València**Total amount:** 85.000 €

14 Name of the project: COORDINATED ASIA-EUROPEAS LONG TERM OBSERVING SYSTEM OF QINGHAI-TIBET PLATEAU HYDRO-METEOROLOGICAL PROCESSES AND THE ASIAN-MONSOON SYSTEM WITH GROUND SATELLITE IMAGE DATA AND NUMERICAL SIMULATIONS.

Type of project: Basic research (including archaeological digs, etc)**Geographical area:** European Union**Degree of contribution:** Scientific coordinator**Entity where project took place:** Universitat de València**Type of entity:** University**City of entity:** Unknown**Name principal investigator (PI, Co-PI....):** Jose Antonio Sobrino Rodriguez**Nº of researchers:** 4**Funding entity or bodies:**

Commission of the European Community (Science, Research and Development), Programme INCO-DEV (DG XII) de Bruselas, UE.

Type of entity: Otros organismos**City funding entity:** Unknown**Type of participation:** Principal investigator**Code according to the funding entity:** CEOP-AEGIS 212921**Start-End date:** 2008 - 2013**Duration:** 4 years - 4 months**Participating entity/entities:** Universitat de València**Total amount:** 200.000 €

15 Name of the project: FUEGOSAT SYNTHESIS STUDY

Type of project: Basic research (including archaeological digs, etc)**Degree of contribution:** Scientific coordinator**Entity where project took place:** Universitat de València**Type of entity:** University**City of entity:** Unknown**Name principal investigator (PI, Co-PI....):** Jose Antonio Sobrino Rodriguez**Nº of researchers:** 4**Funding entity or bodies:**

European Space Agency

Type of entity: Otros organismos**Type of participation:** Principal investigator**Name of the programme:** ESA ITT**Start-End date:** 2010 - 2011**Duration:** 2 years**Participating entity/entities:** Universitat de València**Total amount:** 82.500 €

16 Name of the project: Metodologías avanzadas en observación de la Tierra: Calibración de datos ópticos y extracción de la información.

Entity where project took place: Universitat de València**Type of entity:** University



City of entity: Unknown

Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez

Nº of researchers: 8

Funding entity or bodies:

Ministerio de Ciencia y Tecnología

Type of entity: Otros organismos

City funding entity: Unknown

Code according to the funding entity: AYA2008-05965-C04-01

Start-End date: 2009 - 2011

Duration: 2 years - 1 day

Participating entity/entities: Universitat de València

Total amount: 400.000 €

17 Name of the project: Efectos de la dinámica Urbana sobre la Estructura de la Vegetación y la Temperatura de Superficie del Gran San Miguel de Tucuman, Argentina.

Entity where project took place: Universitat de València

Type of entity: University

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez

Nº of researchers: 8

Funding entity or bodies:

Agencia Española de Cooperación Internacional

Type of entity: Administraciones Públicas

City funding entity: Spain

Code according to the funding entity: A/018766/08

Start-End date: 2009 - 2010

Duration: 1 year - 1 day

Participating entity/entities: Universitat de València

Total amount: 20.000 €

18 Name of the project: Land surface temperatura from remote sensing for operative validation o fan hydrologic energy water balance model.

Entity where project took place: Universitat de València

Type of entity: University

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez

Nº of researchers: 8

Funding entity or bodies:

Programa de Acciones integradas Hispano-Italianas

Type of entity: Otros organismos

City funding entity: Unknown

Code according to the funding entity: HI2008-0020.

Start-End date: 2009 - 2010

Duration: 1 year - 1 day

Participating entity/entities: Universitat de València

Total amount: 11.000 €

19 Name of the project: WATER AND GLOBAL CHANGE (WATCH)

Entity where project took place: Universitat de València

Type of entity: University

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez

Nº of researchers: 4

Funding entity or bodies:

Type of entity: Otros organismos



Commission of the European Community (Science, Research and Development), Programme INCO-DEV (DG XII) de Bruselas, UE.

City funding entity: Unknown

Code according to the funding entity: 036946

Start-End date: 2007 - 2010

Duration: 3 years - 1 day

Participating entity/entities: Universitat de València

Total amount: 90.000 €

20 Name of the project: DESIREX 2008

Entity where project took place: Universitat de València

Type of entity: University

City of entity: Unknown

Name principal investigator (PI, Co-PI...): Jose Antonio Sobrino Rodriguez

Nº of researchers: 14

Funding entity or bodies:

ESA.- Agencia Espacial Europea

Type of entity: Otros organismos

City funding entity: Unknown

Name of the programme: DUE

Code according to the funding entity: CONTRACT N. 21717/08/I-LG

Start-End date: 2008 - 2009

Duration: 1 year - 4 months

Participating entity/entities: Universitat de València

21 Name of the project: NUEVAS ESTRATEGIAS DE OBSERVACIÓN DE LA TIERRA EN LA EVALUACION DE LOS SUMIDEROS DE CARBONO

Entity where project took place: Universitat de València

Type of entity: University

City of entity: Unknown

Name principal investigator (PI, Co-PI...): Jose Antonio Sobrino Rodriguez

Nº of researchers: 3

Funding entity or bodies:

Ministerio de Educación y Ciencia. Dirección General de Investigación Científica y Técnico **Type of entity:** Otros organismos

Code according to the funding entity: ESP2007-29063-E

Start-End date: 2007 - 2008

Duration: 2 years - 1 day

Participating entity/entities: Universitat de València

Total amount: 6.000 €

22 Name of the project: Desarrollo de un sistema integrado de procesamiento de datos térmicos de Observación de la Tierra aplicable al diseño de futuras misiones hiperspectrales de la ESA (TERMASAT)

Entity where project took place: Universitat de València

Type of entity: University

City of entity: Unknown

Name principal investigator (PI, Co-PI...): Jose Antonio Sobrino Rodriguez

Nº of researchers: 6

Funding entity or bodies:

Ministerio de Ciencia y Tecnología, Dirección General de Investigación **Type of entity:** Otros organismos

City funding entity: Unknown

Code according to the funding entity: ESP2005-07724-C05-04

**Start-End date:** 2005 - 2008**Duration:** 3 years - 1 day**Participating entity/entities:** Universitat de València**23 Name of the project:** Laboratorio de Procesado de Imágenes**Entity where project took place:** Universitat de València **Type of entity:** University**City of entity:** Unknown**Name principal investigator (PI, Co-PI....):** Jose Antonio Sobrino Rodriguez**Nº of researchers:** 4**Funding entity or bodies:**Comisión Interministerial de Ciencia y Tecnología (CICYT) **Type of entity:** Ministerios**City funding entity:** Spain**Code according to the funding entity:** ESP2005-24355-E**Start-End date:** 2005 - 2008**Duration:** 3 years - 1 day**Participating entity/entities:** Universitat de València**Total amount:** 240.000 €**24 Name of the project:** Laboratorio de Procesado de Imágenes**Entity where project took place:** Universitat de València **Type of entity:** University**City of entity:** Unknown**Name principal investigator (PI, Co-PI....):** Jose Antonio Sobrino Rodriguez**Nº of researchers:** 4**Funding entity or bodies:**Comisión Interministerial de Ciencia y Tecnología (CICYT) **Type of entity:** Ministerios**City funding entity:** Spain**Code according to the funding entity:** UNLV05-23-004**Start-End date:** 2005 - 2008**Duration:** 3 years - 1 day**Participating entity/entities:** Universitat de València**Total amount:** 253.569,56 €**25 Name of the project:** SURFACE TEMPERATURE ESTIMATION FROM MetOp DATA**Entity where project took place:** Universitat de València **Type of entity:** University**City of entity:** Unknown**Name principal investigator (PI, Co-PI....):** Jose Antonio Sobrino Rodriguez**Nº of researchers:** 4**Funding entity or bodies:**ESA.- Agencia Espacial Europea **Type of entity:** Otros organismos**City funding entity:** Unknown**Code according to the funding entity:** ESA-ID-2916**Start-End date:** 2005 - 2008**Duration:** 3 years - 1 day**Participating entity/entities:** Universitat de València**26 Name of the project:** Exploitation of AnGular effects in Land surfacE observations from satellites (EAGLE)**Entity where project took place:** Universitat de València **Type of entity:** University**City of entity:** Unknown



Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez

Nº of researchers: 6

Funding entity or bodies:

Unió Europea

Type of entity: Unión Europea

City funding entity: Unknown

Code according to the funding entity: SST3-CT-2003-502057

Start-End date: 2004 - 2007

Duration: 3 years - 1 day

Participating entity/entities: Universitat de València

27 Name of the project: Ayudas complementarias proyecto Explotation of Angular Effects in Land Surface Observation from Satellite (EAGLE).

Entity where project took place: Universitat de València

Type of entity: University

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez

Nº of researchers: 4

Funding entity or bodies:

Consellería de Empresa, Universidad y Ciencia- Generalitat Valenciana

Type of entity: Otros organismos

City funding entity: Unknown

Code according to the funding entity: GVACOMP2006-219

Start-End date: 2006 - 2006

Duration: 1 day

Participating entity/entities: Universitat de València

Total amount: 10.000 €

28 Name of the project: Contribución al diseño de futuras misiones ESA de obsevación de la Tierra mediante el uso optimizado de nuevos sensores hiperespectrales (HYPERTEL).

Entity where project took place: Universitat de València

Type of entity: University

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez

Nº of researchers: 6

Funding entity or bodies:

Ministerio de Ciencia y Tecnología, Dirección General de Investigación

Type of entity: Otros organismos

City funding entity: Unknown

Code according to the funding entity: ESP2004-06255-C05-04

Start-End date: 2004 - 2005

Duration: 1 year - 1 day

Participating entity/entities: Universitat de València

29 Name of the project: Impacto del Cambio Climático en la sustentabilidad de la producción ganadera de la región Mediterránea árida y semiárida de Chile.

Entity where project took place: Universitat de València

Type of entity: University

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez

Nº of researchers: 12

Funding entity or bodies:

Secretaría de Estado para la Cooperación Internacional y para Iberoamérica (Ministerio de Asuntos Exteriores)

Type of entity: Otros organismos



City funding entity: Unknown

Code according to the funding entity: A/0229/03

Start-End date: 2004 - 2005

Duration: 1 year - 1 day

Participating entity/entities: Universitat de València

Total amount: 12.000 €

30 Name of the project: METODOLOGIAS PARA EL ESTUDIO DEL CAMBIO GLOBAL EN LA PENINSULA IBERICA A PARTIR DE LOS DATOS PROPORCIONADOS POR EL SATELITE NOAA Y POR LOS SENSORES REMOTOS DE NUEVA GENERACION.

Entity where project took place: Universitat de València **Type of entity:** University

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez

Nº of researchers: 6

Funding entity or bodies:

Comisión Interministerial de Ciencia y Tecnología (CICYT) **Type of entity:** Ministerios

City funding entity: Spain

Code according to the funding entity: REN2001-3105/CLI

Start-End date: 2001 - 2005

Duration: 4 years - 1 day

Participating entity/entities: Universitat de València

31 Name of the project: Radiometría de campo en la región espectral del infrarrojo térmico

Type of project: Basic research (including archaeological digs, etc)

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Universitat de València **Type of entity:** University

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez

Nº of researchers: 6

Funding entity or bodies:

Comisión Interministerial de Ciencia y Tecnología (CICYT) **Type of entity:** Ministerios

City funding entity: Spain

Type of participation: Co-ordinator

Code according to the funding entity: REN2000-0315-CE

Start-End date: 1999 - 2004

Duration: 5 years - 1 day

Participating entity/entities: Universitat de València

Dedication regime: Full time

32 Name of the project: Water use efficiency in natural vegetation and agricultural areas by remote sensing in the Mediterranean sea (WATERMED)

Type of project: Basic research (including archaeological digs, etc)

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Universitat de València **Type of entity:** University

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez

Nº of researchers: 6

Funding entity or bodies:



Unió Europea

Type of entity: Unión Europea

Type of participation: Co-ordinator

Code according to the funding entity: ICA3-ct-1999-00015

Start-End date: 1999 - 2004

Duration: 5 years

Participating entity/entities: Universitat de València

Total amount: 480.000 €

Dedication regime: Full time

33 Name of the project: CALCULO MEDIANTE TELEDETECCION DE LA EVAPOTRANSPIRACION EN ZONAS ARIDAS Y SEMIARIDAS

Type of project: Basic research (including archaeological digs, etc)

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Universitat de València

Type of entity: University

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez

Nº of researchers: 6

Funding entity or bodies:

Agencia Española de Cooperación Internacional (AECI)

Type of entity: State agency

Type of participation: Co-ordinator

Code according to the funding entity: AECI2001-HM-21P/00

Start-End date: 2001 - 2002

Duration: 5 years - 1 day

Participating entity/entities: Universitat de València

Dedication regime: Full time

R&D non-competitive contracts, agreements or projects with public or private entities

1 Name of the project: MANTENIMIENTO DE LA PAGINA WEB HTTP://WWW.AET.ORG.ES/

Entity where project took place: Universitat de València

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Universitat de València

Type of entity: University

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez

Nº of researchers: 4

Participating entity/entities: Universitat de València

Funding entity or bodies:

Asociacion Española de Teledeteccion

Type of entity: Otros organismos

Start date: 2015

Duration: 1 year - 2 days

Total amount: 7.200 €

2 Name of the project: SUMINISTRO EN TIEMPO REAL DE PUNTOS CALIENTES (HOT-SPOTS) DETECTADOS POR SATELITE

Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services

Entity where project took place: Universitat de València

Degree of contribution: Scientific coordinator

Type of entity: University



Entity where project took place: Universitat de València

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez

Nº of researchers: 3

Participating entity/entities: Universitat de València

Funding entity or bodies:

FARISA ASESORES Y CONSUL

Type of entity: Otros organismos

Code according to the funding entity: OTR2014-12985ASESO

Start date: 2014

Duration: 2 years

Total amount: 24.000 €

3 Name of the project: ASESORAMIENTO TECNICO SOBRE TELEDETECCION

Entity where project took place: Universitat de València

Degree of contribution: Researcher

Entity where project took place: Universitat de València

Type of entity: University

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez

Nº of researchers: 1

Participating entity/entities: Universitat de València

Funding entity or bodies:

GRUPO NOVA CARTOGRAPHIA

Type of entity: Otros organismos

Start date: 2009

Duration: 6 months

Total amount: 3.300 €

4 Name of the project: Technical Assistance for Airborne and In-situ Measurements during THERMOPOLIS 2009 Campaign

Entity where project took place: Universitat de València

Degree of contribution: Researcher

Entity where project took place: Universitat de València

Type of entity: University

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Jose Antonio Sobrino Rodriguez

Nº of researchers: 8

Participating entity/entities: Universitat de València

Funding entity or bodies:

ESA.- Agencia Espacial Europea

Type of entity: Otros organismos

City funding entity: Unknown

Code according to the funding entity: N.22693/09/I-EC

Start date: 2009

Duration: 1 year - 1 day

Total amount: 30.000 €

5 Name of the project: PLATFORM FOR THE OBSERVATION OF THE EARTH AND FOR RELATED IN-ORBIT TECHNOLOGY EXPERIMENTS-POETE

Entity where project took place: Universitat de València

Degree of contribution: Researcher

Entity where project took place: Universitat de València

Type of entity: University

City of entity: Unknown



Name principal investigator (PI, Co-PI...): Jose Antonio Sobrino Rodriguez

Nº of researchers: 8

Participating entity/entities: Universitat de València

Funding entity or bodies:

AGENC AEROESPACI.CANADA

Type of entity: Otros organismos

Start date: 2008

Duration: 2 months

Scientific and technological activities

Scientific production

H index: 64

Date of application: 29/04/2021

Fuente de Índice H: GOOGLE SCHOLAR

Publications, scientific and technical documents

- 1** Spatio-Temporal Variation of the Urban Heat Island in Santiago, Chile during Summers 2005–2017. 13/10/2020.
Type of production: Scientific paper **Format:** Journal
- 2** The Influence of Land Surface Temperature in Evapotranspiration Estimated by the S-SEBI Model. 05/10/2020.
Type of production: Scientific paper **Format:** Journal
- 3** A Methodology for Comparing the Surface Urban Heat Island in Selected Urban Agglomerations Around the World from Sentinel-3 SLSTR Data. 25/06/2020.
Type of production: Scientific paper **Format:** Journal
- 4** Surface Temperature of the Planet Earth from Satellite Data over the Period 2003–2019. 24/06/2020.
Type of production: Scientific paper **Format:** Journal
- 5** Surface Temperature of the Planet Earth from Satellite Data. Remote Sensing. 12 - 2, 15/01/2020.
Type of production: Scientific paper **Format:** Journal
- 6** MODIS probabilistic cloud masking over the Amazonian evergreen tropical forests: a comparison of machine learning-based methods. International Journal of Remote Sensing. 41 - 1, Taylor & Francis, 01/01/2020.
Type of production: Scientific paper **Format:** Journal
- 7** Intercomparison of remote-sensing based evapotranspiration algorithms over amazonian forests. International Journal of Applied Earth Observation and Geoinformation. 80, Elsevier, 01/08/2019.
Type of production: Scientific paper **Format:** Journal
- 8** Relationship between Soil Burn Severity in Forest Fires Measured In Situ and through Spectral Indices of Remote Detection. Forest. 10 - 5, 10/05/2019.
Type of production: Scientific paper **Format:** Journal



- 9** Optimizing and comparing gap-filling techniques using simulated NDVI time series from remotely sensed global data. International Journal of Applied Earth Observation and Geoinformation. 79, Elsevier, 02/04/2019.
Type of production: Scientific paper **Format:** Journal
- 10** Towards LST split-window algorithm FPGA implementation for CubeSats on-board computations purposes. International Journal of Remote Sensing. 40 - 5-6, 19/03/2019.
Type of production: Scientific paper **Format:** Journal
- 11** Night Thermal Unmixing for the Study of Microscale Surface Urban Heat Islands with TRISHNA-Like Data. remote sensing. 16/01/2019.
Type of production: Scientific paper **Format:** Journal
- 12** Multi-resolution study of thermal unmixing techniques over Madrid urban area: Case study of TRISHNA mission. remote sensing. 11 - 10, 09/01/2019.
Type of production: Scientific paper
- 13** J. C. Jimenez; J. Barichivich; C Mattar; K Takahashi; A Santamaría-Artigas; José A. Sobrino; Y. Malhi. Spatio-temporal patterns of thermal anomalies and drought over tropical forests driven by recent extreme climatic anomalies. Phil. Trans. R. Soc. B. 373 - 1760, DOI: 10.1098/rstb.2017.0300., 08/10/2018.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 14** J. Delegido; A. Pezzola; A. Casella; J. A. Sobrino. Fire severity estimation in southern of the Buenos Aires province, Argentina, using Sentinel-2 and its comparison with Landsat-8. 000447 - Revista Española de Teledetección. 51, pp. 47 - 60. (Spain): Asociación española de Teledetección, 2018. ISSN 1133-0953
Type of production: Scientific paper **Format:** Journal
- 15** J Gomis-Cebolla; JC Jimenez; JA Sobrino. LST retrieval algorithm adapted to the Amazon evergreen forests using MODIS data. Remote sensing of Environment. 204, pp. 401 - 411. 906348, 2018.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 16** Y. Julien; J. A. Sobrino. TISSBERT: A benchmark for the validation and comparison of NDVI time series reconstruction methods. 000447 - Revista Española de Teledetección. 51, pp. 19 - 31. (Spain): Asociación española de Teledetección, 2018. ISSN 1133-0953
Type of production: Scientific paper **Format:** Journal
- 17** Azad Rasul; Heiko Balzter; Claire Smith; John Remedios; Bashir Adamu; José A. Sobrino; Manat Srivanit; Qihao Weng. A Review on Remote Sensing of Urban Heat and Cool Islands. Land. 6 - 2, pp. 38. (Switzerland): MDPI AG, 2017.
DOI: 10.3390/land6020038
Type of production: Scientific paper **Format:** Journal
Position of signature: 6 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 8
- 18** Annamária Lehoczky; José A Sobrino; Dražen Skokovič; Enric Aguilar. The Urban heat island effect in the city of Valencia: a case study for hot summer days. 020020 - Urban Science. 1 - 1, pp. 9. (Switzerland): MDPI AG, 2017. ISSN 2413-8851
DOI: <https://doi.org/10.3390/urbansci1010009>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6



- 19** Khadije Kiapasha; Ali Asghar Darvishsefat; Yves Julien; Jose A. Sobrino; Nosratoallah Zargham; Pedram Attarod; Michael E. Schaepman. Trends in Phenological Parameters and Relationship Between Land Surface Phenology and Climate Data in the Hyrcanian Forests of Iran. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing. 10 - 11, pp. 4961 - 4970. (Switzerland): JSTARS, 2017.
DOI: DOI:10.1109
Type of production: Scientific paper
Position of signature: 4
Total no. authors: 7
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
- 20** Dražen Skoković; José A Sobrino; Juan C Jiménez-Muñoz. Vicarious calibration of the Landsat 7 thermal infrared band and LST algorithm validation of the ETM+ instrument using three global atmospheric profiles. 901354 - IEEE Transactions on Geoscience and Remote Sensing. 55 - 3, pp. 1804 - 1811. (United States of America): 2017. ISSN 0196-2892
Type of production: Scientific paper
Total no. authors: 6
Format: Journal
- 21** Jiménez-Muñoz, J.C.; Mattar, C.; Sobrino, J.A.; Malhi, Y. Digital thermal monitoring of the Amazon forest: an intercomparison of satellite and reanalysis products. 914784 - International Journal Of Digital Earth. 9 - 5, pp. 477 - 498. (United Kingdom): 2016. ISSN 1753-8947
DOI: <https://doi.org/10.1080/17538947.2015.1056559>
Type of production: Scientific paper
Position of signature: 3
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 2.762
Position of publication: 14
Format: Journal
Category: REMOTE SENSING
Journal in the top 25%: No
No. of journals in the cat.: 29
Impact source: ISI
Impact index in year of publication: 2.762
Position of publication: 29
Category: GEOGRAPHY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 49
- 22** J. Gomis-Cebolla; J. C. Jiménez-Muñoz; J. A. Sobrino. Episodios térmicos extremos analizados con productos MODIS durante el invierno boreal (2000-2016). 000447 - Revista Española de Teledetección. 46, pp. 19 - 30. (Spain): Asociación española de Teledetección, 2016. ISSN 1133-0953
DOI: <https://doi.org/10.4995/raet.2016.5709>
Type of production: Scientific paper
Total no. authors: 3
Format: Journal
- 23** José A Sobrino; Yves Julien. Exploring the validity of the long-term data record V4 database for land surface monitoring. 914742 - IEEE Journal Of Selected Topics In Applied Earth Observations And Remote Sensing. 9 - 8, pp. 3607 - 3614. (United States of America): 2016. ISSN 1939-1404
Type of production: Scientific paper
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 2.913
Position of publication: 10
Format: Journal
Category: REMOTE SENSING
Journal in the top 25%: No
No. of journals in the cat.: 29
Impact source: ISI
Impact index in year of publication: 2.913
Position of publication: 15
Category: GEOGRAPHY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 49

**Impact source:** ISI**Impact index in year of publication:** 2.913**Position of publication:** 6**Impact source:** ISI**Impact index in year of publication:** 2.913**Position of publication:** 66**Category:** IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 26**Category:** ENGINEERING, ELECTRICAL & ELECTRONIC**Journal in the top 25%:** No**No. of journals in the cat.:** 262

- 24** J. Gomis-Cebolla; J. C. Jiménez-Muñoz; J. A. Sobrino. MODIS-Based Monthly LST Products over Amazonia under Different Cloud Mask Schemes. 019885 - Data. 1 - 2, (Switzerland): MDPI - Open Access Publishing, 2016. ISSN 2306-5729

DOI: <https://doi.org/10.3390/data1020002>**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 3

- 25** Sobrino, J.A.; Skokovi? D.. Permanent stations for calibration/validation of thermal sensors over Spain. 019885 - Data. 1 - 2, pp. 1 - 10. (Switzerland): MDPI - Open Access Publishing, 2016. ISSN 2306-5729

Type of production: Scientific paper**Format:** Journal**Total no. authors:** 6

- 26** J. C. Jiménez-Muñoz; C. Mattar; J. Barichivich; A. Santamaría-Artigas; K. Takahashi; Y. Malhi; J. A. Sobrino; G. van der Schrier. Record-breaking warming and extreme drought in the Amazon rainforest during the course of El Niño 2015-2016. 917079 - Scientific Reports. 6 - 33130, (United Kingdom): 2016. ISSN 2045-2322

DOI: <https://doi.org/10.1038/srep33130>**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 8**Impact source:** ISI**Category:** MULTIDISCIPLINARY SCIENCES**Impact index in year of publication:** 4.259**Journal in the top 25%:** Yes**Position of publication:** 10**No. of journals in the cat.:** 64

- 27** Sobrino, J.A.; Del Frate, F.; Drusch, M.; Jiménez-Muñoz, J.C.; Manunta, P.; Regan, A.. Review of thermal infrared applications and requirements for future high-resolution sensors. 901354 - IEEE Transactions on Geoscience and Remote Sensing. 54 - 5, pp. 2963 - 2972. (United States of America): 2016. ISSN 0196-2892

DOI: <https://doi.org/10.1109/TGRS.2015.2509179>**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 6**Impact source:** ISI**Category:** ENGINEERING, ELECTRICAL & ELECTRONIC**Impact index in year of publication:** 4.942**Journal in the top 25%:** Yes**Position of publication:** 20**No. of journals in the cat.:** 262**Impact source:** ISI**Category:** IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY**Impact index in year of publication:** 4.942**Journal in the top 25%:** Yes**Position of publication:** 3**No. of journals in the cat.:** 26**Impact source:** ISI**Category:** REMOTE SENSING**Impact index in year of publication:** 4.942**Journal in the top 25%:** Yes**Position of publication:** 3**No. of journals in the cat.:** 29

Impact source: ISI
Impact index in year of publication: 4.942
Position of publication: 4

Category: GEOCHEMISTRY & GEOPHYSICS
Journal in the top 25%: Yes
No. of journals in the cat.: 84

- 28** Sobrino, J.A.; Jiménez-Muñoz, J.C.; Sòria, G.; Ruescas, A. B.; Danne, O; Brockmann, C.; Ghent, D.; Remedios, J.; North, P.; Merchant, C.; Berger, M.; Mathieu, P.P.; Göttsche, F.-M.. Synergistic use of MERIS and AATSR as a proxy for estimating Land Surface Temperature from Sentinel-3 data. 906348 - Remote Sensing of Environment. 179, pp. 149 - 161. (United States of America): 2016. ISSN 0034-4257

DOI: <https://doi.org/10.1016/j.rse.2016.03.035>

Type of production: Scientific paper
Total no. authors: 13

Format: Journal

Impact source: ISI
Impact index in year of publication: 6.265
Position of publication: 11

Category: ENVIRONMENTAL SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 229

Impact source: ISI
Impact index in year of publication: 6.265
Position of publication: 2

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 26

Impact source: ISI
Impact index in year of publication: 6.265
Position of publication: 2

Category: REMOTE SENSING
Journal in the top 25%: Yes
No. of journals in the cat.: 29

- 29** Jiménez-Muñoz, J.C.; Mattar, C.; Sobrino, J.A.; Malhi, Y.. A database for the monitoring of thermal anomalies over the Amazon forest and adjacent intertropical oceans. 918531 - Scientific Data. 2, (United Kingdom): Nature Publishing Group, 2015. ISSN 2052-4463

DOI: <https://doi.org/10.1038/sdata.2015.24>

Type of production: Scientific paper

Format: Journal

- 30** Timmermans, W.; Van Der Tol, C.; Timmermans, J.; Ucer, M.; Chen, X.; Alonso, L.; Moreno, J.; Carrara, A.; Lopez, R.; De La Cruz Tercero, F.; Corcoles, H.L.; De Miguel, E.; Sanchez, J.A.G.; Pérez, I.; Franch, B.; Munoz, J.-C.J.; Skokovic, D.; Sobrino, J.; Soria, G.; MacArthur, A.; Vescovo, L.; Reusen, I.; Andreu, A.; Burkart, A.; Cilia, C.; Contreras, S.; Corbari, C.; Calleja, J.F.; Guzinski, R.; Hellmann, C.; Herrmann, I.; Kerr, G.; Lazar, A.-L.; Leutner, B.; Mendiguren, G.; Nasilowska, S.; Nieto, H.; Pachego-Labrador, J.; Pulanekar, S.; Raj, R.; Schikling, A.; Siegmann, B.; Von Bueren, S.; Su, Z.B.. An overview of the regional experiments for land-atmosphere exchanges 2012 (REFLEX 2012) campaign. 918297 - Acta Geophysica. 63, pp. 1465 - 1484. (Poland): 2015. ISSN 1895-7455

DOI: <https://doi.org/10.2478/s11600-014-0254-1>

Type of production: Scientific paper

Format: Journal

Position of signature: 18

Total no. authors: 44

Impact source: ISI
Impact index in year of publication: 1.068
Position of publication: 57

Category: GEOCHEMISTRY & GEOPHYSICS
Journal in the top 25%: No
No. of journals in the cat.: 81

- 31** Marchesini, V.A.; Fernández, R.J.; Reynolds, J.F.; Sobrino, J.A.; Di Bella, C.M.. Changes in evapotranspiration and phenology as consequences of shrub removal in dry forests of central Argentina. 914055 - Ecohydrology. 8 - 7, pp. 1304 - 1311. (United States of America): 2015. ISSN 1936-0584

DOI: <https://doi.org/10.1002/eco.1583>

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: WATER RESOURCES



Impact index in year of publication: 2.138
Position of publication: 18

Impact source: ISI
Impact index in year of publication: 2.138
Position of publication: 64

Impact source: ISI
Impact index in year of publication: 2.138
Position of publication: 94

Journal in the top 25%: Yes
No. of journals in the cat.: 85

Category: ECOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 150

Category: ENVIRONMENTAL SCIENCES
Journal in the top 25%: No
No. of journals in the cat.: 225

- 32** Sobrino, J.A.; Jiménez-Muñoz, J.C.; Mattar, C.; Sòria, G. Evaluation of Terra/MODIS atmospheric profiles product (MOD07) over the Iberian Peninsula: a comparison with radiosonde stations. 914784 - International Journal Of Digital Earth. (United Kingdom): 2015. ISSN 1753-8947

DOI: <https://doi.org/10.1080/17538947.2014.936973>

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 4

Impact source: ISI
Impact index in year of publication: 2,762
Position of publication: 13

Impact source: ISI
Impact index in year of publication: 2,762
Position of publication: 7

Format: Journal

Category: GEOGRAPHY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 49

Category: REMOTE SENSING
Journal in the top 25%: Yes
No. of journals in the cat.: 28

- 33** Sobrino, J.A. Fourth International Symposium on Recent Advances in Quantitative Remote Sensing. 903201 - International Journal of Remote Sensing. (United Kingdom): 2015. ISSN 0143-1161

DOI: <https://doi.org/10.1080/01431161.2015.1110377>

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 1

Impact source: ISI
Impact index in year of publication: 1.64
Position of publication: 13

Impact source: ISI
Impact index in year of publication: 1.64
Position of publication: 8

Format: Journal

Category: REMOTE SENSING
Journal in the top 25%: No
No. of journals in the cat.: 28

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 24

- 34** Mattar, C.; Durán-Alarcón, C; Jiménez-Muñoz, J.C.; Santamaría-Artigas, A; Olivera-Guerra, L; Sobrino, J.A. Global Atmospheric Profiles from Reanalysis Information (GAPRI): a new database for earth surface temperature retrieval. 903201 - International Journal of Remote Sensing. 36 - 19-20, pp. 5045 - 5060. (United Kingdom): 2015. ISSN 0143-1161

DOI: <https://doi.org/10.1080/01431161.2015.1054965>

Type of production: Scientific paper

Position of signature: 6

Total no. authors: 6

Impact source: ISI
Impact index in year of publication: 1.64

Format: Journal

Category: REMOTE SENSING
Journal in the top 25%: No



Position of publication: 13

Impact source: ISI

Impact index in year of publication: 1.64

Position of publication: 8

No. of journals in the cat.: 28

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 24

- 35** Franch, B.; Vermote, E.F.; Becker-Reshef, I.; Claverie, M.; Huang, J.; Zhang, J; Justice, C.; Sobrino, J.A. Improving the timeliness of winter wheat production forecast in the United States of America, Ukraine and China using MODIS data and NCAR Growing Degree Day information. 906348 - Remote Sensing of Environment. (United States of America): 2015. ISSN 0034-4257

DOI: <https://doi.org/10.1016/j.rse.2015.02.014>

Type of production: Scientific paper

Position of signature: 8

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 5,881

Position of publication: 1

Impact source: ISI

Impact index in year of publication: 5,881

Position of publication: 1

Impact source: ISI

Impact index in year of publication: 5,881

Position of publication: 10

Format: Journal

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 24

Category: REMOTE SENSING

Journal in the top 25%: Yes

No. of journals in the cat.: 28

Category: ENVIRONMENTAL SCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 225

- 36** Julien, Y.; Sobrino, J.A.; Mattar, C.; Jiménez-Muñoz, J.C. Near-Real-Time estimation of water vapor column from MSG-SEVIRI thermal infrared bands: implications for land surface temperature retrieval. 901354 - IEEE Transactions on Geoscience and Remote Sensing. 53 - 8, pp. 4231 - 4237. (United States of America): 2015. ISSN 0196-2892

DOI: <https://doi.org/10.1109/TGRS.2015.2393378>

Type of production: Scientific paper

Position of signature: 2

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 3.36

Position of publication: 15

Impact source: ISI

Impact index in year of publication: 3.36

Position of publication: 21

Impact source: ISI

Impact index in year of publication: 3.36

Position of publication: 4

Impact source: ISI

Impact index in year of publication: 3.36

Position of publication: 4

Format: Journal

Category: GEOCHEMISTRY & GEOPHYSICS

Journal in the top 25%: Yes

No. of journals in the cat.: 81

Category: ENGINEERING, ELECTRICAL & ELECTRONIC

Journal in the top 25%: Yes

No. of journals in the cat.: 257

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 24

Category: REMOTE SENSING

Journal in the top 25%: Yes

No. of journals in the cat.: 28



- 37** Sevilla, J.; Julien, Y.; Sória, G.; Sobrino, J.A.; Plaza, A. New geo-portal for MODIS/SEVIRI image products with geolocation-based retrieval functionality. 914840 - Journal Of Applied Remote Sensing. (United States of America): 2015. ISSN 1931-3195
DOI: <https://doi.org/10.1117/1.JRS.9.096079>
Type of production: Scientific paper **Format:** Journal
Position of signature: 4
Total no. authors: 5
Impact source: ISI **Category:** IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Impact index in year of publication: 0.937 **Journal in the top 25%:** No
Position of publication: 15 **No. of journals in the cat.:** 24
Impact source: ISI **Category:** ENVIRONMENTAL SCIENCES
Impact index in year of publication: 0.937 **Journal in the top 25%:** No
Position of publication: 178 **No. of journals in the cat.:** 225
Impact source: ISI **Category:** REMOTE SENSING
Impact index in year of publication: 0.937 **Journal in the top 25%:** No
Position of publication: 24 **No. of journals in the cat.:** 28
- 38** Scarano, M.; Sobrino, J.A. On the relationship between the sky view factor and the land surface temperature derived by Landsat-8 images in Bari, Italy. 903201 - International Journal of Remote Sensing. 36 - 19-20, pp. 4820 - 4835. (United Kingdom): 2015. ISSN 0143-1161
DOI: <https://doi.org/10.1080/01431161.2015.1070325>
Type of production: Scientific paper **Format:** Journal
Position of signature: 2
Total no. authors: 2
Impact source: ISI **Category:** REMOTE SENSING
Impact index in year of publication: 1.64 **Journal in the top 25%:** No
Position of publication: 13 **No. of journals in the cat.:** 28
Impact source: ISI **Category:** IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Impact index in year of publication: 1.64 **Journal in the top 25%:** No
Position of publication: 8 **No. of journals in the cat.:** 24
- 39** Durán-Alarcón, C; Gevaert, C.M.; Mattar, C; Jiménez-Muñoz, J.C; Pasapera-Gonzales, J.J.; Sobrino, J.A.; Silvia-Vidal, Y.; Fashé-Raymundo, O.; Chavez-Espiritu, T.W.; Santillan-Portilla, N. Recent trends on glacier area retreat over the group of Nevados Caullaraju-Pastoruri (Cordillera Blanca, Peru) using Landsat imagery. 908116 - Journal of South American Earth Sciences. (United Kingdom): 2015. ISSN 0895-9811
DOI: <https://doi.org/10.1016/j.jsames.2015.01.006>
Type of production: Scientific paper **Format:** Journal
Position of signature: 6
Total no. authors: 10
Impact source: ISI **Category:** GEOSCIENCES, MULTIDISCIPLINARY
Impact index in year of publication: 1.737 **Journal in the top 25%:** No
Position of publication: 84 **No. of journals in the cat.:** 184



- 40** Julien, Y.; Sobrino, J.A.; Sòria, G. Retrieving and broadcasting near-real-time biophysical parameters from MODIS and SEVIRI receiving stations at the global change unit of the University of Valencia. 903201 - International Journal of Remote Sensing. (United Kingdom): 2015. ISSN 0143-1161
DOI: <https://doi.org/10.1080/01431161.2015.1040134>
Type of production: Scientific paper
Format: Journal
Position of signature: 2
Category: REMOTE SENSING
Total no. authors: 3
Journal in the top 25%: No
Impact source: ISI
No. of journals in the cat.: 28
Impact index in year of publication: 1.64
Position of publication: 13
Impact source: ISI
Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Impact index in year of publication: 1.64
Journal in the top 25%: No
Position of publication: 8
No. of journals in the cat.: 24
- 41** Sobrino, J.A.; Skokovi?, D.; Jiménez-Muñoz, J.C. Spatial analysis of the homogeneity of the land surface temperature in three Spanish test sites. 903201 - International Journal of Remote Sensing. 36 - 19-20, pp. 4793 - 4807. (United Kingdom): 2015. ISSN 0143-1161
DOI: <https://doi.org/10.1080/01431161.2015.1055611>
Type of production: Scientific paper
Format: Journal
Position of signature: 1
Category: REMOTE SENSING
Total no. authors: 3
Journal in the top 25%: No
Impact source: ISI
No. of journals in the cat.: 28
Impact index in year of publication: 1.64
Position of publication: 13
Impact source: ISI
Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Impact index in year of publication: 1.64
Journal in the top 25%: No
Position of publication: 8
No. of journals in the cat.: 24
- 42** Ultra-Carrio, R.; Cuberó-Castan, M.; Briottet, X.; Sobrino, J.A.. Analysis of the performance of the TES algorithm over urban areas. 901354 - IEEE Transactions on Geoscience and Remote Sensing. 52 - 11, pp. 6989 - 6998. (United States of America): 2014. ISSN 0196-2892
DOI: <https://doi.org/10.1109/TGRS.2014.2306441>
Type of production: Scientific paper
Format: Journal
Position of signature: 4
Category: GEOCHEMISTRY & GEOPHYSICS
Total no. authors: 4
Journal in the top 25%: Yes
Impact source: ISI
No. of journals in the cat.: 79
Impact index in year of publication: 3.514
Position of publication: 11
Impact source: ISI
Category: ENGINEERING, ELECTRICAL & ELECTRONIC
Impact index in year of publication: 3.514
Journal in the top 25%: Yes
Position of publication: 15
No. of journals in the cat.: 249
Impact source: ISI
Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Impact index in year of publication: 3.514
Journal in the top 25%: Yes
Position of publication: 2
No. of journals in the cat.: 24

**Impact source:** ISI**Impact index in year of publication:** 3.514**Position of publication:** 2**Category:** REMOTE SENSING**Journal in the top 25%:** Yes**No. of journals in the cat.:** 28

- 43** Sobrino, J.A.; Jiménez-Muñoz, J.C.; Mattar, C.; Sòria, G.. Evaluation of Terra/MODIS atmospheric profiles product (MOD07) over the Iberian Peninsula: a comparison with radiosonde stations. 914784 - International Journal Of Digital Earth. (United Kingdom): 2014. ISSN 1753-8947

DOI: <https://doi.org/10.1080/17538947.2014.936973>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 1**Total no. authors:** 4**Impact source:** ISI**Category:** REMOTE SENSING**Impact index in year of publication:** 3.291**Journal in the top 25%:** Yes**Position of publication:** 4**No. of journals in the cat.:** 28**Impact source:** ISI**Category:** GEOGRAPHY, PHYSICAL**Impact index in year of publication:** 3.291**Journal in the top 25%:** Yes**Position of publication:** 7**No. of journals in the cat.:** 46

- 44** Mattar, C.; Franch, B.; Sobrino, J.A.; Corbari, C.; Jiménez-Muñoz, J.C.; Olivera-Guerra, L.; Skokovic, D.; Sòria, G.; Oltra-Carriò, R.; Julien, Y.; Mancini, M.. Impacts of the broadband albedo on actual evapotranspiration estimated by S-SEBI model over an agricultural area. 906348 - Remote Sensing of Environment. 147, pp. 23 - 42. (United States of America): 2014. ISSN 0034-4257

DOI: <https://doi.org/10.1016/j.rse.2014.02.011>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 3**Total no. authors:** 11**Impact source:** ISI**Category:** IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY**Impact index in year of publication:** 6.393**Journal in the top 25%:** Yes**Position of publication:** 1**No. of journals in the cat.:** 24**Impact source:** ISI**Category:** REMOTE SENSING**Impact index in year of publication:** 6.393**Journal in the top 25%:** Yes**Position of publication:** 1**No. of journals in the cat.:** 28**Impact source:** ISI**Category:** ENVIRONMENTAL SCIENCES**Impact index in year of publication:** 6.393**Journal in the top 25%:** Yes**Position of publication:** 6**No. of journals in the cat.:** 223

- 45** Franch, B.; Vermote, E.F.; Becker-Reshef, I.; Claverie, M.; Huang, J.; Zhang, J.; Justice, C.; Sobrino, J.A.. Improving the timeliness of winter wheat production forecast in the United States of America, Ukraine and China using MODIS data and NCAR Growing Degree Day information. 906348 - Remote Sensing of Environment. 161, pp. 131 - 148. (United States of America): 2014. ISSN 0034-4257

DOI: <https://doi.org/10.1016/j.rse.2015.02.014>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 8**Total no. authors:** 8**Impact source:** ISI**Category:** IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY**Impact index in year of publication:** 6.393**Journal in the top 25%:** Yes



Position of publication: 1

Impact source: ISI

Impact index in year of publication: 6.393

Position of publication: 1

Impact source: ISI

Impact index in year of publication: 6.393

Position of publication: 6

No. of journals in the cat.: 24

Category: REMOTE SENSING

Journal in the top 25%: Yes

No. of journals in the cat.: 28

Category: ENVIRONMENTAL SCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 223

- 46** Jimenez-Munoz, J.C.; Sobrino, J.A.; Skokovic, D.; Mattar, C.; Cristobal, J.. Land surface temperature retrieval methods from landsat-8 thermal infrared sensor data. 913719 - Ieee Geoscience And Remote Sensing Letters. 11 - 10, pp. 1840 - 1843. (United States of America): 2014. ISSN 1545-598X

DOI: <https://doi.org/10.1109/LGRS.2014.2312032>

Type of production: Scientific paper

Position of signature: 2

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 2.095

Position of publication: 10

Impact source: ISI

Impact index in year of publication: 2.095

Position of publication: 35

Impact source: ISI

Impact index in year of publication: 2.095

Position of publication: 57

Impact source: ISI

Impact index in year of publication: 2.095

Position of publication: 7

Format: Journal

Category: REMOTE SENSING

Journal in the top 25%: No

No. of journals in the cat.: 28

Category: GEOCHEMISTRY & GEOPHYSICS

Journal in the top 25%: No

No. of journals in the cat.: 79

Category: ENGINEERING, ELECTRICAL & ELECTRONIC

Journal in the top 25%: Yes

No. of journals in the cat.: 249

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 24

- 47** Sobrino, J.A.; Jiménez-Muñoz, J.C.. Minimum configuration of thermal infrared bands for land surface temperature and emissivity estimation in the context of potential future missions. 906348 - Remote Sensing of Environment. 148, pp. 158 - 167. (United States of America): 2014. ISSN 0034-4257

DOI: <https://doi.org/10.1016/j.rse.2014.03.027>

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 2

Impact source: ISI

Impact index in year of publication: 6.393

Position of publication: 1

Impact source: ISI

Impact index in year of publication: 6.393

Position of publication: 1

Impact source: ISI

Impact index in year of publication: 6.393

Format: Journal

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 24

Category: REMOTE SENSING

Journal in the top 25%: Yes

No. of journals in the cat.: 28

Category: ENVIRONMENTAL SCIENCES

Journal in the top 25%: Yes

**Position of publication:** 6**No. of journals in the cat.:** 223

- 48** Franch, B.; Vermote, E.F.; Sobrino, J.A.; Julien, Y.. Retrieval of surface albedo on a daily basis: Application to MODIS data. 901354 - IEEE Transactions on Geoscience and Remote Sensing. 52 - 12, pp. 7549 - 7558. (United States of America): 2014. ISSN 0196-2892
DOI: <https://doi.org/10.1109/TGRS.2014.2313842>
Type of production: Scientific paper
Position of signature: 3
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 3.514
Position of publication: 11
Impact source: ISI
Impact index in year of publication: 3.514
Position of publication: 15
Impact source: ISI
Impact index in year of publication: 3.514
Position of publication: 2
Impact source: ISI
Impact index in year of publication: 3.514
Position of publication: 2
- Format:** Journal
Category: GEOCHEMISTRY & GEOPHYSICS
Journal in the top 25%: Yes
No. of journals in the cat.: 79
Category: ENGINEERING, ELECTRICAL & ELECTRONIC
Journal in the top 25%: Yes
No. of journals in the cat.: 249
Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 24
Category: REMOTE SENSING
Journal in the top 25%: Yes
No. of journals in the cat.: 28
- 49** Gioia, A.; Paolini, L.; Malizia, A.; Oltra-Carrió, R.; Sobrino, J.A.. Size matters: vegetation patch size and surface temperature relationship in foothills cities of northwestern Argentina. 917606 - Urban Ecosystems. (United States of America): 2014. ISSN 1083-8155
DOI: <https://doi.org/10.1007/s11252-014-0372-1>
Type of production: Scientific paper
Position of signature: 5
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 1.74
Position of publication: 49
Impact source: ISI
Impact index in year of publication: 1.74
Position of publication: 9
- Format:** Journal
Category: ECOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 145
Category: BIODIVERSITY CONSERVATION
Journal in the top 25%: Yes
No. of journals in the cat.: 44
- 50** Jimenez-Munoz, J.C.; Sobrino, J.A.; Mattar, C.; Hulley, G.; Gottsche, F.-M.. Temperature and emissivity separation from MSG/SEVIRI data. 901354 - IEEE Transactions on Geoscience and Remote Sensing. 52 - 9, pp. 5937 - 5951. (United States of America): 2014. ISSN 0196-2892
DOI: <https://doi.org/10.1109/TGRS.2013.2293791z>
Type of production: Scientific paper
Position of signature: 2
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 3.514
- Format:** Journal
Category: GEOCHEMISTRY & GEOPHYSICS
Journal in the top 25%: Yes



Position of publication: 11

Impact source: ISI

Impact index in year of publication: 3.514

Position of publication: 15

Impact source: ISI

Impact index in year of publication: 3.514

Position of publication: 2

Impact source: ISI

Impact index in year of publication: 3.514

Position of publication: 2

No. of journals in the cat.: 79

Category: ENGINEERING, ELECTRICAL & ELECTRONIC

Journal in the top 25%: Yes

No. of journals in the cat.: 249

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 24

Category: REMOTE SENSING

Journal in the top 25%: Yes

No. of journals in the cat.: 28

- 51** P.A. Zapata-Ramirez; P. Blanchon; A. Oliosio; H. Hernandez-Nuñez; J.A. Sobrino. Accuracy of IKONOS for mapping benthic coral-reef habitats: A case study from the Puerto Morelos Reef National Park, Mexico. 903201 - International Journal of Remote Sensing. 34 - 9-10, pp. 3671 - 3687. (United Kingdom): 2013. ISSN 0143-1161

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 1.359

Position of publication: 11

Impact source: ISI

Impact index in year of publication: 1.359

Position of publication: 16

Format: Journal

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 23

Category: REMOTE SENSING

Journal in the top 25%: No

No. of journals in the cat.: 27

- 52** B Franch; EF Vermote; JA Sobrino; E Fedele. Analysis of directional effects on atmospheric correction. 906348 - Remote Sensing of Environment. 128, pp. 276 - 288. (United States of America): 2013. ISSN 0034-4257

DOI: <https://doi.org/10.1016/j.rse.2012.10.018>

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 4.769

Position of publication: 1

Impact source: ISI

Impact index in year of publication: 4.769

Position of publication: 1

Impact source: ISI

Impact index in year of publication: 4.769

Position of publication: 12

Format: Journal

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 23

Category: REMOTE SENSING

Journal in the top 25%: Yes

No. of journals in the cat.: 27

Category: ENVIRONMENTAL SCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 215

- 53** D. Skokovic; J.A. Sobrino; G. Soria; J.C. Jimenez-Muñoz; Y. Julien. Estudio de la homogeneidad de la temperatura de la superficie terrestre mediante imágenes MODIS de la zona de Doñana | [Study of the land surface temperature homogeneity from MODIS imagery over the Doñana test site]. 000447 - Revista Española de Teledetección. 40, pp. 71 - 77. (Spain): Asociación española de Teledetección, 2013. ISSN 1133-0953

Type of production: Scientific paper

Total no. authors: 5

Format: Journal

- 54** J.A. Sobrino; B. Franch; R. Oltra-Carrió; E. F. Vermote; E. fedele. Evaluation of the MODIS Albedo product over a heterogeneous agricultural area. 903201 - International Journal of Remote Sensing. 34 - 15, pp. 640 - 643. (United Kingdom): 2013. ISSN 0143-1161
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 1.359
Position of publication: 11
Impact source: ISI
Impact index in year of publication: 1.359
Position of publication: 16
Format: Journal
Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 23
Category: REMOTE SENSING
Journal in the top 25%: No
No. of journals in the cat.: 27
- 55** J. A. Sobrino; R. Oltra-Carrió; G. Soria; J. C. Jiménez-Muñoz; B. Franch; V. Hidalgo; C. Mattar; Y. Julien; J. Cuenca; M. Romaguera; J. A. Gómez; E. De Miguel; R. Bianchi; M. Paganini. Evaluation of the surface urban heat island effect in the city of Madrid by thermal remote sensing. 903201 - International Journal of Remote Sensing. 34, pp. 3177 - 3192. (United Kingdom): 2013. ISSN 0143-1161
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 1.359
Position of publication: 11
Impact source: ISI
Impact index in year of publication: 1.359
Position of publication: 16
Format: Journal
Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 23
Category: REMOTE SENSING
Journal in the top 25%: No
No. of journals in the cat.: 27
- 56** J.A. Sobrino; R. Oltra-Carrió; G. Sòria; J.C. Jiménez-Muñoz; B. Franch; V. Hidalgo; C. Mattar; Y. Julien; J. Cuenca; M. Romaguera; J.A. Gómez; E. De Miguel; R. Bianchi; M. Paganini. Evaluation of the surface urban heat island effect in the city of Madrid by thermal remote sensing. 903201 - International Journal of Remote Sensing. 34 - 9-10, pp. 3177 - 3192. (United Kingdom): 2013. ISSN 0143-1161
DOI: <https://doi.org/10.1080/01431161.2012.716548>
Type of production: Scientific paper
Total no. authors: 14
Impact source: ISI
Impact index in year of publication: 1.359
Position of publication: 11
Impact source: ISI
Impact index in year of publication: 1.359
Position of publication: 16
Format: Journal
Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 23
Category: REMOTE SENSING
Journal in the top 25%: No
No. of journals in the cat.: 27
- 57** B. Franch; J.A. Sobrino. Evolución del albedo en europa e influencia en la temperatura | [Albedo evolution over Europe and its influence on surface temperature]. 000447 - Revista Española de Teledetección. 39 - 3, pp. 22 - 33. (Spain): Asociación española de Teledetección, 2013. ISSN 1133-0953
Type of production: Scientific paper
Format: Journal

- 58** N. Raissouni; J.A. Sobrino; A. Chahboun; N. Ben Achhab; M. Lahraoua; A. Azyat. First results towards building up a reliable in situ measurements database for LST algorithm validations using modular WSN: Northern Morocco campaigns case study. 903201 - International Journal of Remote Sensing. 34 - 9-10, pp. 3153 - 3163. (United Kingdom): 2013. ISSN 0143-1161
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 1.359
Position of publication: 11
Impact source: ISI
Impact index in year of publication: 1.359
Position of publication: 16
Format: Journal
Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 23
Category: REMOTE SENSING
Journal in the top 25%: No
No. of journals in the cat.: 27
- 59** J.C. Jiménez-Muñoz; J.A. Sobrino; C. Mattar. Has the Northern Hemisphere been warming or cooling during the boreal winter of the last few decades?. 901735 - Global and Planetary Change. 106, pp. 31 - 38. (Holland): 2013. ISSN 0921-8181
DOI: <https://doi.org/10.1016/j.gloplacha.2013.02.010>
Type of production: Scientific paper
Total no. authors: 3
Impact source: ISI
Impact index in year of publication: 3.707
Position of publication: 18
Impact source: ISI
Impact index in year of publication: 3.707
Position of publication: 7
Format: Journal
Category: GEOSCIENCES, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 173
Category: GEOGRAPHY, PHYSICAL
Journal in the top 25%: Yes
No. of journals in the cat.: 46
- 60** M.R. Smith; A.R. Gillespie; H. Mizzon; L.K. Balick; J.C. Jiménez-Muñoz; J.A. Sobrino. In-scene atmospheric correction of hyperspectral thermal infrared images with nadir, horizontal, and oblique view angles. 903201 - International Journal of Remote Sensing. 34 - 9-10, pp. 3164 - 3176. (United Kingdom): 2013. ISSN 0143-1161
DOI: <https://doi.org/10.1080/01431161.2012.716547>
Type of production: Scientific paper
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 1.359
Position of publication: 11
Impact source: ISI
Impact index in year of publication: 1.359
Position of publication: 16
Format: Journal
Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 23
Category: REMOTE SENSING
Journal in the top 25%: No
No. of journals in the cat.: 27
- 61** Z. L. Li; H. Wu; N. Wang; S. Qiu; J.A. Sobrino; Z. Wan; B. H. Tang; G. Yan. Land surface emissivity retrieval from satellite data. 903201 - International Journal of Remote Sensing. 34 - 9-10, pp. 3084 - 3127. (United Kingdom): 2013. ISSN 0143-1161
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 1.359
Position of publication: 11
Format: Journal
Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 23

**Impact source:** ISI**Impact index in year of publication:** 1.359**Position of publication:** 16**Category:** REMOTE SENSING**Journal in the top 25%:** No**No. of journals in the cat.:** 27

- 62** S. Arenas-Castro; Y. Julien; J.C. Jiménez-Muñoz; J.A. Sobrino; J. Fernández-Haeger; D. Jordano-Barbudo. Mapping wild pear trees (*Pyrus bourgaeana*) in Mediterranean forest using high-resolution QuickBird satellite imagery. 903201 - International Journal of Remote Sensing. 34 - 9-10, pp. 3376 - 3396. (United Kingdom): 2013. ISSN 0143-1161

DOI: <https://doi.org/10.1080/01431161.2012.716909>**Type of production:** Scientific paper**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 1.359**Position of publication:** 11**Impact source:** ISI**Impact index in year of publication:** 1.359**Position of publication:** 16**Format:** Journal**Category:** IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 23**Category:** REMOTE SENSING**Journal in the top 25%:** No**No. of journals in the cat.:** 27

- 63** C. Corbari; J.A. Sobrino; M. Mancini; V. Hidalgo. Mass and energy flux estimates at different spatial resolutions in a heterogeneous area through a distributed energy-water balance model and remote-sensing data. 903201 - International Journal of Remote Sensing. 34 - 9-10, pp. 3208 - 3230. (United Kingdom): 2013. ISSN 0143-1161

Type of production: Scientific paper**Impact source:** ISI**Impact index in year of publication:** 1.359**Position of publication:** 11**Impact source:** ISI**Impact index in year of publication:** 1.359**Position of publication:** 16**Format:** Journal**Category:** IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 23**Category:** REMOTE SENSING**Journal in the top 25%:** No**No. of journals in the cat.:** 27

- 64** J.A. Sobrino; Y. Julien; G. Soria. Phenology estimation from meteosat second generation data. 914742 - Ieee Journal Of Selected Topics In Applied Earth Observations And Remote Sensing. 6 - 3, pp. 1653 - 1659. (United States of America): 2013. ISSN 1939-1404

Type of production: Scientific paper**Impact source:** ISI**Impact index in year of publication:** 2.827**Position of publication:** 12**Impact source:** ISI**Impact index in year of publication:** 2.827**Position of publication:** 33**Impact source:** ISI**Impact index in year of publication:** 2.827**Position of publication:** 5**Impact source:** ISI**Format:** Journal**Category:** GEOGRAPHY, PHYSICAL**Journal in the top 25%:** No**No. of journals in the cat.:** 46**Category:** ENGINEERING, ELECTRICAL & ELECTRONIC**Journal in the top 25%:** Yes**No. of journals in the cat.:** 247**Category:** REMOTE SENSING**Journal in the top 25%:** Yes**No. of journals in the cat.:** 27**Category:** IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY



Impact index in year of publication: 2.827
Position of publication: 6

Journal in the top 25%: No
No. of journals in the cat.: 23

65 ZL Li; Tang BH; Wu H; Ren HZ; Yan GJ; Wan ZM; Trigo IF; JA Sobrino. Satellite-derived land surface temperature: Current status and perspectives. 906348 - Remote Sensing of Environment. 131, pp. 14 - 37. (United States of America): 2013. ISSN 0034-4257

DOI: <https://doi.org/10.1016/j.rse.2012.12.008>

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 4.769
Position of publication: 1

Impact source: ISI

Impact index in year of publication: 4.769
Position of publication: 1

Impact source: ISI

Impact index in year of publication: 4.769
Position of publication: 12

Format: Journal

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: Yes
No. of journals in the cat.: 23

Category: REMOTE SENSING

Journal in the top 25%: Yes
No. of journals in the cat.: 27

Category: ENVIRONMENTAL SCIENCES

Journal in the top 25%: Yes
No. of journals in the cat.: 215

66 J.C. Jiménez-Muñoz; J.A. Sobrino; C. Mattar; Y. Malhi. Spatial and temporal patterns of the recent warming of the Amazon forest. 900175 - Journal of Geophysical Research. 118 - 11, pp. 5204 - 5215. (United States of America): 2013. ISSN 0148-0227

DOI: <https://doi.org/10.1002/jgrd.50456>

Type of production: Scientific paper

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 3,440
Position of publication: 24

Format: Journal

Category: GEOSCIENCES, MULTIDISCIPLINARY

Journal in the top 25%: Yes
No. of journals in the cat.: 173

67 J.P. Lagouarde; M. Bach; J.A. Sobrino; G. Boulet; X. Briottet; S. Cherchali; B. Coudert; I. Dadou; G. Dedieu, P. Gamet; O. Hagolle; F. Jacob; F. Nerry; A. Olioso; C. Otle; J. L. Roujean; G. Fargant. The MISTIGRI thermal infrared project: Scientific objectives and mission specifications. 903201 - International Journal of Remote Sensing. 34 - 9-10, pp. 3437 - 3466. (United Kingdom): 2013. ISSN 0143-1161

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 1.359
Position of publication: 11

Impact source: ISI

Impact index in year of publication: 1.359
Position of publication: 16

Format: Journal

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: No
No. of journals in the cat.: 23

Category: REMOTE SENSING

Journal in the top 25%: No
No. of journals in the cat.: 27

68 J.A. Sobrino; Y. Julien. Trend analysis of global MODIS-terra vegetation indices and land surface temperature between 2000 and 2011. 914742 - Ieee Journal Of Selected Topics In Applied Earth Observations And Remote Sensing. 6 - 5, pp. 2139 - 2145. (United States of America): 2013. ISSN 1939-1404

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 2.827

Format: Journal

Category: GEOGRAPHY, PHYSICAL

Journal in the top 25%: No



Position of publication: 12

Impact source: ISI

Impact index in year of publication: 2.827

Position of publication: 33

Impact source: ISI

Impact index in year of publication: 2.827

Position of publication: 5

Impact source: ISI

Impact index in year of publication: 2.827

Position of publication: 6

No. of journals in the cat.: 46

Category: ENGINEERING, ELECTRICAL & ELECTRONIC

Journal in the top 25%: Yes

No. of journals in the cat.: 247

Category: REMOTE SENSING

Journal in the top 25%: Yes

No. of journals in the cat.: 27

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 23

- 69** C Mattar; JP Wigneron; JA Sobrino; N Novello; JC Calvet; C Albergel; P Richaume; A Mialon; D Guyon; JC Jimenez-Munoz; Y Kerr. A Combined Optical-Microwave Method to Retrieve Soil Moisture Over Vegetated Areas. 901354 - IEEE Transactions on Geoscience and Remote Sensing. 50 - 5, pp. 1404 - 1413. (United States of America): 2012. ISSN 0196-2892

DOI: <https://doi.org/10.1109/TGRS.2011.2179051>

Type of production: Scientific paper

Total no. authors: 11

Impact source: ISI

Impact index in year of publication: 3.467

Position of publication: 10

Impact source: ISI

Impact index in year of publication: 3.467

Position of publication: 13

Impact source: ISI

Impact index in year of publication: 3.467

Position of publication: 2

Format: Journal

Category: GEOCHEMISTRY & GEOPHYSICS

Journal in the top 25%: Yes

No. of journals in the cat.: 76

Category: ENGINEERING, ELECTRICAL & ELECTRONIC

Journal in the top 25%: Yes

No. of journals in the cat.: 243

Category: REMOTE SENSING

Journal in the top 25%: Yes

No. of journals in the cat.: 27

- 70** J. A. Sobrino; B. Franch; C. Mattar; J. C. Jiménez-Muñoz; C. Corbari. A method to estimate soil moisture from Airborne Hyperspectral Scanner (AHS) and ASTER data: Application to SEN2FLEX and SEN3EXP campaigns. 906348 - Remote Sensing of Environment. 117, pp. 415 - 428. (United States of America): 2012. ISSN 0034-4257

DOI: <https://doi.org/10.1016/j.rse.2011.10.018>

Type of production: Scientific paper

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 5.103

Position of publication: 1

Impact source: ISI

Impact index in year of publication: 5.103

Position of publication: 1

Impact source: ISI

Impact index in year of publication: 5.103

Format: Journal

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 23

Category: REMOTE SENSING

Journal in the top 25%: Yes

No. of journals in the cat.: 27

Category: ENVIRONMENTAL SCIENCES

Journal in the top 25%: Yes

**Position of publication:** 9**No. of journals in the cat.:** 210

- 71** JC Jimenez-Muñoz; JA Sobrino. Comment on 'Ecological importance of the thermal emissivity of avian eggshells'. 900416 - Journal of Theoretical Biology. 304, pp. 304 - 307. (United States of America): 2012. ISSN 0022-5193
DOI: <https://doi.org/10.1016/j.jtbi.2012.03.029>
Type of production: Scientific paper
Total no. authors: 2
Impact source: ISI
Impact index in year of publication: 2.351
Position of publication: 14
Impact source: ISI
Impact index in year of publication: 2.351
Position of publication: 22
- Format:** Journal
Category: MATHEMATICAL & COMPUTATIONAL BIOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 47
Category: BIOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 83
- 72** J. A. Sobrino; R. Oltra-Carrió; J. C. Jiménez-Muñoz; Y. Julien; G. Sòria; B. Franch; C. Mattar. Emissivity mapping over urban areas using a classification-based approach: Application to the Dual-use European Security IR Experiment (DESIREX). 913742 - International Journal Of Applied Earth Observation And Geoinformation. 18, pp. 141 - 147. (Holland): 2012. ISSN 0303-2434
DOI: <https://doi.org/10.1016/j.jag.2012.01.022>
Type of production: Scientific paper
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 2.176
Position of publication: 6
- Format:** Journal
Category: REMOTE SENSING
Journal in the top 25%: Yes
No. of journals in the cat.: 27
- 73** J. A. Sobrino; R. Oltra-Carrió; G. Soria; R. Bianchi; M. Paganini. Impact of spatial resolution and satellite overpass time on evaluation of the surface urban heat island effects.906348 - Remote Sensing of Environment. 117, pp. 50 - 56. (United States of America): 2012. ISSN 0034-4257
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 5.103
Position of publication: 1
Impact source: ISI
Impact index in year of publication: 5.103
Position of publication: 1
Impact source: ISI
Impact index in year of publication: 5.103
Position of publication: 9
- Format:** Journal
Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 23
Category: REMOTE SENSING
Journal in the top 25%: Yes
No. of journals in the cat.: 27
Category: ENVIRONMENTAL SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 210
- 74** R. Oltra-Carrió, J. A. Sobrino; B. Franch; F. Nerry. Land surface emissivity retrieval from airborne sensor over urban areas. 906348 - Remote Sensing of Environment. 123, pp. 298 - 305. (United States of America): 2012. ISSN 0034-4257
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 5.103
- Format:** Journal
Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Journal in the top 25%: Yes

Position of publication: 1**Impact source:** ISI**Impact index in year of publication:** 5.103**Position of publication:** 1**Impact source:** ISI**Impact index in year of publication:** 5.103**Position of publication:** 9**No. of journals in the cat.:** 23**Category:** REMOTE SENSING**Journal in the top 25%:** Yes**No. of journals in the cat.:** 27**Category:** ENVIRONMENTAL SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 210

75 J. C. Jiménez-Muñoz; J. A. Sobrino; C. Mattar. Recent trends in solar exergy and net radiation at global scale. 901099 - Ecological Modelling. 228, pp. 59 - 65. (Holland): 2012. ISSN 0304-3800

DOI: <https://doi.org/10.1016/j.ecolmodel.2011.12.027>**Type of production:** Scientific paper**Total no. authors:** 3**Impact source:** ISI**Impact index in year of publication:** 2.069**Position of publication:** 63**Format:** Journal**Category:** ECOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 136

76 J. C. Jimménez-Muñoz; J. A. Sobrino; A. R. Gillespie. Surface emissivity retrieval from Airborne Hyperspectral Scanner data: insights on atmospheric correction and noise removal. 913719 - Ieee Geoscience And Remote Sensing Letters. 9 - 2, pp. 180 - 184. (United States of America): 2012. ISSN 1545-598X

DOI: <https://doi.org/10.1109/LGRS.2011.2163699>**Type of production:** Scientific paper**Total no. authors:** 3**Impact source:** ISI**Impact index in year of publication:** 1.823**Position of publication:** 30**Format:** Journal**Category:** GEOCHEMISTRY & GEOPHYSICS**Journal in the top 25%:** No**No. of journals in the cat.:** 76**Impact source:** ISI**Impact index in year of publication:** 1.823**Position of publication:** 60**Category:** ENGINEERING, ELECTRICAL & ELECTRONIC**Journal in the top 25%:** Yes**No. of journals in the cat.:** 243**Impact source:** ISI**Impact index in year of publication:** 1.823**Position of publication:** 8**Category:** REMOTE SENSING**Journal in the top 25%:** No**No. of journals in the cat.:** 27

77 Y. Julien; J. A. Sobrino. correcting long term data record V3 estimated LST from orbital drift effects. 906348 - Remote Sensing of Environment. 123, pp. 207 - 219. (United States of America): 2012. ISSN 0034-4257

Type of production: Scientific paper**Impact source:** ISI**Impact index in year of publication:** 5.103**Position of publication:** 1**Format:** Journal**Category:** IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 23**Impact source:** ISI**Impact index in year of publication:** 5.103**Position of publication:** 1**Category:** REMOTE SENSING**Journal in the top 25%:** Yes**No. of journals in the cat.:** 27**Impact source:** ISI**Impact index in year of publication:** 5.103**Category:** ENVIRONMENTAL SCIENCES**Journal in the top 25%:** Yes

**Position of publication:** 9**No. of journals in the cat.:** 210

- 78** X. Mu; Q. Shen; Z.-L. Li; G. Yan; J. A. Sobrino. A comparison of different optimization algorithms for retrieving aerosol optical depths from satellite data: an example of using a dual-angle algorithm. 903201 - International Journal of Remote Sensing. (United Kingdom): 2011. ISSN 0143-1161
DOI: <https://doi.org/10.1080/01431161.2010.531780>
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 1.12
Position of publication: 10
Impact source: ISI
Impact index in year of publication: 1.12
Position of publication: 6
Format: Journal
Category: REMOTE SENSING
Journal in the top 25%: No
No. of journals in the cat.: 24
Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 21
- 79** L. Zhong; ZB. Su; YM. Ma; MS. Salama; JA. Sobrino. Accelerated Changes of Environmental Conditions on the Tibetan Plateau Caused by Climate Change. 905243 - Journal of Climate. 24 - 24, pp. 6540 - 6550. (United States of America): 2011. ISSN 0894-8755
DOI: <https://doi.org/10.1175/JCLI-D-10-05000.1>
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 4.1
Position of publication: 7
Format: Journal
Category: METEOROLOGY & ATMOSPHERIC SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 7
- 80** J. A. Sobrino; Y. Julien; L. Morales. Changes in vegetation spring dates in the second half of the 20th century. 903201 - International Journal of Remote Sensing. (United Kingdom): 2011. ISSN 0143-1161
DOI: <https://doi.org/10.1080/01431161.2010.496470>.
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 1.12
Position of publication: 10
Impact source: ISI
Impact index in year of publication: 1.12
Position of publication: 6
Format: Journal
Category: REMOTE SENSING
Journal in the top 25%: No
No. of journals in the cat.: 24
Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 21
- 81** C. Mattar; J. A. Sobrino; J. P. Wigneron; J. C. Jiménez-Muñoz; Y. Kerr. Estimación de la humedad del suelo a partir de índices de vegetación y microondas pasivas. 000447 - Revista Española de Teledetección. 36, pp. 62 - 72. (Spain): Asociación española de Teledetección, 2011. ISSN 1133-0953
Type of production: Scientific paper
Total no. authors: 5
Format: Journal
- 82** J. A. Sobrino; B. Franch. Estimación de la reflectividad superficial mediante datos del sensor aereo AHS y comparacion con el producto MODIS en la campaña CEFLES2. 000447 - Revista Española de Teledetección. 35, pp. 72 - 79. (Spain): Asociación española de Teledetección, 2011. ISSN 1133-0953
Type of production: Scientific paper
Format: Journal



- 83** E. De Lathauwer; W. Timmermans; G. Satalino; F. Mattia; A. Loew; J. C. Jiménez-Muñoz; V. Hidalgo; J. A. Sobrino; V. R. N. Pauwels. Estimation of the spatially distributed energy budget for AgriSAR 2006, Part II: Integration of remote sensing and hydrologic modeling. 914742 - Ieee Journal Of Selected Topics In Applied Earth Observations And Remote Sensing. 4 - 2, pp. 482 - 493. (United States of America): 2011. ISSN 1939-1404
DOI: <https://doi.org/10.1109/JSTARS.2010.2094997>
- Type of production:** Scientific paper
Format: Journal
- Total no. authors:** 9
Category: GEOGRAPHY, PHYSICAL
- Impact source:** ISI
Journal in the top 25%: No
- Impact index in year of publication:** 1.49
No. of journals in the cat.: 44
- Position of publication:** 22
Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
- Impact source:** ISI
Journal in the top 25%: Yes
- Impact index in year of publication:** 1.49
No. of journals in the cat.: 21
- Position of publication:** 5
Category: REMOTE SENSING
- Impact source:** ISI
Journal in the top 25%: No
- Impact index in year of publication:** 1.49
No. of journals in the cat.: 24
- Position of publication:** 8
- 84** W. J. Timmermans; J. C. Jiménez-Muñoz; V. Hidalgo; K. Richter; J. A. Sobrino; G. d'Urso; G. Satalino; F. Mattia; E. De Lathauwer; V. R. N. Pauwels. Estimation of the spatially distributed surface energy budget for AgriSAR 2006, Part I: Remote sensing model intercomparison. 914742 - Ieee Journal Of Selected Topics In Applied Earth Observations And Remote Sensing. 4 - 2, pp. 465 - 481. (United States of America): 2011. ISSN 1939-1404
DOI: <https://doi.org/10.1109/JSTARS.2010.2098019>
- Type of production:** Scientific paper
Format: Journal
- Total no. authors:** 10
Category: GEOGRAPHY, PHYSICAL
- Impact source:** ISI
Journal in the top 25%: No
- Impact index in year of publication:** 1.49
No. of journals in the cat.: 44
- Position of publication:** 22
Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
- Impact source:** ISI
Journal in the top 25%: Yes
- Impact index in year of publication:** 1.49
No. of journals in the cat.: 21
- Position of publication:** 5
Category: REMOTE SENSING
- Impact source:** ISI
Journal in the top 25%: No
- Impact index in year of publication:** 1.49
No. of journals in the cat.: 24
- Position of publication:** 8
- 85** J. A. Sobrino; C. Mattar; J. P. Gastellu-Etchegorry; J. C. Jiménez-Muñoz; E. Grau. Evaluation of the DART 3D model in the thermal domain using satellite/airborne imagery and ground-based measurements. 903201 - International Journal of Remote Sensing. 32 - 22, pp. 7453 - 7477. (United Kingdom): 2011. ISSN 0143-1161
- Type of production:** Scientific paper
Format: Journal
- Impact source:** ISI
Category: REMOTE SENSING
- Impact index in year of publication:** 1.12
Journal in the top 25%: No
- Position of publication:** 10
No. of journals in the cat.: 24
- Impact source:** ISI
Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
- Impact index in year of publication:** 1.12
Journal in the top 25%: No
- Position of publication:** 6
No. of journals in the cat.: 21



- 86** AB. Ruescas; M. Arbelo; J. A. Sobrino; C. Mattar. Examining the Effects of Dust Aerosols on Satellite Sea Surface Temperatures in the Mediterranean Sea Using the Medspiration Matchup Database. 906290 - Journal of Atmospheric and Oceanic Technology. 28 - 5, pp. 684 - 697. (United States of America): 2011. ISSN 0739-0572
DOI: <https://doi.org/10.1175/2010JTECHA1450.1>
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 2.26
Position of publication: 1
- Format:** Journal
Category: ENGINEERING, OCEAN
Journal in the top 25%: Yes
No. of journals in the cat.: 15
- Impact source:** ISI
Category: METEOROLOGY & ATMOSPHERIC SCIENCES
Journal in the top 25%: No
No. of journals in the cat.: 70
- Impact index in year of publication:** 2.26
Position of publication: 24
- 87** J. A. Sobrino; B. Franch; J. C. Jiménez-Muñoz; V. Hidalgo; G. Soria; Y. Julien; R. Oltra-Carrió; C. Mattar; A. Ruescas; F. Daumard; S. Champagne; A. Fournier; Y. Goulas; A. Ounis; I. Moya. Fluorescence estimation in the framework of the CEFLES2 campaign. 903201 - International Journal of Remote Sensing. 32 - 20, pp. 5875 - 5889. (United Kingdom): 2011. ISSN 0143-1161
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 1.12
Position of publication: 10
- Format:** Journal
Category: REMOTE SENSING
Journal in the top 25%: No
No. of journals in the cat.: 24
- Impact source:** ISI
Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 21
- Impact index in year of publication:** 1.12
Position of publication: 6
- 88** J. A. Sobrino; Y. Julien. Global trends in NDVI derived parameters obtained from GIMMS data. 903201 - International Journal of Remote Sensing. 32 - 15, pp. 4267 - 4279. (United Kingdom): 2011. ISSN 0143-1161
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 1.12
Position of publication: 10
- Format:** Journal
Category: REMOTE SENSING
Journal in the top 25%: No
No. of journals in the cat.: 24
- Impact source:** ISI
Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 21
- Impact index in year of publication:** 1.12
Position of publication: 6
- 89** Y. Julien; J. A. Sobrino; J. C. Jiménez-Muñoz. Land use classification from multitemporal Landsat imagery using the Yearly Land Cover Dynamics (YLCD) method. 913742 - International Journal Of Applied Earth Observation And Geoinformation. 13, pp. 711 - 720. (Holland): 2011. ISSN 0303-2434
- Type of production:** Scientific paper
Impact source: ISI
Impact index in year of publication: 1.74
Position of publication: 5
- Format:** Journal
Category: REMOTE SENSING
Journal in the top 25%: Yes
No. of journals in the cat.: 24



- 90** A. R. Gillespie; E. A. Abott; L. Gilson; G. Hulley; J. C. Jiménez-Muñoz; J. A. Sobrino. Residual errors in ASTER temperature and emissivity standard products AST08 and AST05. 906348 - Remote Sensing of Environment. 115, pp. 3681 - 3694. (United States of America): 2011. ISSN 0034-4257
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** REMOTE SENSING
Impact index in year of publication: 4.57 **Journal in the top 25%:** Yes
Position of publication: 1 **No. of journals in the cat.:** 24
- Impact source:** ISI **Category:** ENVIRONMENTAL SCIENCES
Impact index in year of publication: 4.57 **Journal in the top 25%:** Yes
Position of publication: 16 **No. of journals in the cat.:** 203
- Impact source:** ISI **Category:** IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Impact index in year of publication: 4.57 **Journal in the top 25%:** Yes
Position of publication: 2 **No. of journals in the cat.:** 21
- 91** JC. Parra; L. Morales; J. A. Sobrino; J. Romero. Sea surface temperature estimation from NOAA-AVHRR satellite data: validation of algorithms applied to the northern coast of Chile. 916092 - Latin American Journal Of Aquatic Research. 39 - 1, pp. 179 - 183. (Chile): 2011. ISSN 0718-560X
DOI: <https://doi.org/10.3856/vol39-issue1-fulltext-18>
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** FISHERIES
Impact index in year of publication: 0.5 **Journal in the top 25%:** No
Position of publication: 43 **No. of journals in the cat.:** 50
- Impact source:** ISI **Category:** MARINE & FRESHWATER BIOLOGY
Impact index in year of publication: 0.5 **Journal in the top 25%:** No
Position of publication: 80 **No. of journals in the cat.:** 97
- 92** Y. Julien; J. A. Sobrino; C. Mattar; A. B. Ruescas; J. C. Jiménez-Muñoz; G. Sòria; V. Hidalgo; M. Atitar; B. Franch; J. Cuenca. Temporal analysis of normalized difference vegetation index (NDVI) and land surface temperature (LST) parameters to detect changes in the Iberian land cover between 1981 and 2001. 903201 - International Journal of Remote Sensing. 32 - 7, pp. 2057 - 2068. (United Kingdom): 2011. ISSN 0143-1161
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** REMOTE SENSING
Impact index in year of publication: 1.12 **Journal in the top 25%:** No
Position of publication: 10 **No. of journals in the cat.:** 24
- Impact source:** ISI **Category:** IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Impact index in year of publication: 1.12 **Journal in the top 25%:** No
Position of publication: 6 **No. of journals in the cat.:** 21
- 93** C. Mattar; JA. Sobrino, Y. Julien; L. Morales. Trends in column integrated water vapour over Europe from 1973 to 2003. 902391 - International Journal of Climatology. 31 - 12, pp. 1749 - 1757. (United Kingdom): 2011. ISSN 0899-8418
DOI: <https://doi.org/10.1002/joc.2186>
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** METEOROLOGY & ATMOSPHERIC SCIENCES
Impact index in year of publication: 2.91 **Journal in the top 25%:** Yes

**Position of publication:** 17**No. of journals in the cat.:** 70

94 J.C. Jiménez-Muñoz; J. A. Sobrino. A single-channel algorithm for land surface temperature retrieval from ASTER data. 913719 - Ieee Geoscience And Remote Sensing Letters. 7, pp. 176 - 179. (United States of America): 2010. ISSN 1545-598X

Type of production: Scientific paper**Format:** Journal**Position of signature:** 2**Total no. authors:** 2**Impact source:** ISI**Category:** GEOCHEMISTRY & GEOPHYSICS**Impact index in year of publication:** 1.42**Journal in the top 25%:** No**Position of publication:** 37**No. of journals in the cat.:** 77**Impact source:** ISI**Category:** REMOTE SENSING**Impact index in year of publication:** 1.42**Journal in the top 25%:** No**Position of publication:** 8**No. of journals in the cat.:** 23**Impact source:** ISI**Category:** ENGINEERING, ELECTRICAL & ELECTRONIC**Impact index in year of publication:** 1.42**Journal in the top 25%:** No**Position of publication:** 81**No. of journals in the cat.:** 247

95 J. C. Jiménez-Muñoz; J. A. Sobrino. A single-channel algorithm for land-surface temperature retrieval from ASTER data. 913719 - Ieee Geoscience And Remote Sensing Letters. 7 - 1, pp. 176 - 179. (United States of America): 2010. ISSN 1545-598X

Type of production: Scientific paper**Format:** Journal**Impact source:** ISI**Category:** GEOCHEMISTRY & GEOPHYSICS**Impact index in year of publication:** 1.42**Journal in the top 25%:** No**Position of publication:** 37**No. of journals in the cat.:** 77**Impact source:** ISI**Category:** REMOTE SENSING**Impact index in year of publication:** 1.42**Journal in the top 25%:** No**Position of publication:** 8**No. of journals in the cat.:** 23**Impact source:** ISI**Category:** ENGINEERING, ELECTRICAL & ELECTRONIC**Impact index in year of publication:** 1.42**Journal in the top 25%:** No**Position of publication:** 81**No. of journals in the cat.:** 247

96 J.C. Jiménez-Muñoz; J. A. Sobrino; C. Mattar; B. Franch. Atmospheric correction of optical imagery from MODIS and Reanalysis atmospheric products. 906348 - Remote Sensing of Environment. 114, pp. 2195 - 2210. (United States of America): 2010. ISSN 0034-4257

Type of production: Scientific paper**Format:** Journal**Position of signature:** 2**Total no. authors:** 4**Impact source:** ISI**Category:** REMOTE SENSING**Impact index in year of publication:** 3.185**Journal in the top 25%:** Yes**Position of publication:** 1**No. of journals in the cat.:** 23**Impact source:** ISI**Category:** ENVIRONMENTAL SCIENCES**Impact index in year of publication:** 3.185**Journal in the top 25%:** Yes**Position of publication:** 16**No. of journals in the cat.:** 193

Impact source: ISI

Impact index in year of publication: 3.185

Position of publication: 2

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 19

- 97** Y. Julien; J. A. Sobrino. Comparison of cloud-reconstruction methods for time series of composite NDVI data. 906348 - Remote Sensing of Environment. 114, pp. 618 - 625. (United States of America): 2010. ISSN 0034-4257

Type of production: Scientific paper

Position of signature: 2

Total no. authors: 2

Impact source: ISI

Impact index in year of publication: 3.185

Position of publication: 1

Format: Journal

Category: REMOTE SENSING

Journal in the top 25%: Yes

No. of journals in the cat.: 23

Impact source: ISI

Impact index in year of publication: 3.185

Position of publication: 16

Category: ENVIRONMENTAL SCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 193

Impact source: ISI

Impact index in year of publication: 3.185

Position of publication: 2

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 19

- 98** R. Oltra-Carrió; J. A. Sobrino; J. Gutierrez-Angonese; A. Gioia; L. Paolini; A. Malizia.. Estudio del crecimiento urbano, de la estructura de la vegetación y de la temperatura de la superficie del Gran Miguel de Tucumán, Argentina. 000447 - Revista Española de Teledetección. 34, pp. 69 - 76. (Spain): Asociación española de Teledetección, 2010. ISSN 1133-0953

Type of production: Scientific paper

Position of signature: 2

Total no. authors: 6

Format: Journal

- 99** C. Corbari; J. A. Sobrino; M. Mancini; M. V. Hidalgo.. Land surface temperature representativeness in an heterogenaous area through a distributed energy balance model and remote sensing data. 910632 - Hydrology and Earth System Sciences. 14, pp. 2141 - 2151. (Germany): 2010. ISSN 1027-5606

Type of production: Scientific paper

Position of signature: 2

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 2.463

Position of publication: 31

Format: Journal

Category: GEOSCIENCES, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 165

Impact source: ISI

Impact index in year of publication: 2.463

Position of publication: 5

Category: WATER RESOURCES

Journal in the top 25%: Yes

No. of journals in the cat.: 75

- 100** Ruescas, A.B.; Sobrino, J.A.; Julien, Y.; Jiménez-Muñoz, J. C.; Sòria, G.; Hidalgo, V.; Atitar, M.; Franch, B.; Cuenca, J.; Mattar, C.. Mapping sub-pixel burnt area using AVHRR data. Application to the Alcalaten area in Spain. 903201 - International Journal of Remote Sensing. 31 - 20, pp. 5315 - 5330. (United Kingdom): 2010. ISSN 0143-1161

Type of production: Scientific paper

Position of signature: 2

Format: Journal



Total no. authors: 10

Impact source: ISI

Impact index in year of publication: 1.089

Position of publication: 5

Impact source: ISI

Impact index in year of publication: 1.089

Position of publication: 9

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 19

Category: REMOTE SENSING

Journal in the top 25%: No

No. of journals in the cat.: 23

- 101** J. C. Jiménez-Muñoz; J. A. Sobrino; J. Cristóbal; G. Sòria; M. Ninyerola; X. Pons; V. Hidalgo; B. Franch; M. Romaguera; R. Oltra-Carrió; Y. Julien; C. Mattar. Obtención de la temperatura de la superficie terrestre a partir de la serie histórica LANDSAT. 000447 - Revista Española de Teledetección. 33, pp. 53 - 63. (Spain): Asociación española de Teledetección, 2010. ISSN 1133-0953

Type of production: Scientific paper

Format: Journal

Position of signature: 2

Total no. authors: 12

- 102** C. Mattar; J. A. Sobrino; Y. Julien; L. Morales.. Trends in column integrated water vapor from 1973 to 2003 over Europe. 902391 - International Journal of Climatology. (United Kingdom): 2010. ISSN 0899-8418

Type of production: Scientific paper

Format: Journal

Position of signature: 2

Total no. authors: 4

Impact source: ISI

Category: METEOROLOGY & ATMOSPHERIC SCIENCES

Impact index in year of publication: 2.347

Journal in the top 25%: No

Position of publication: 17

No. of journals in the cat.: 68

- 103** M. A. Atitar; J. A. Sobrino. A split-window algorithm for Estimating LST from Meteosat 9 Data: Test and Comparison with in situ data and MODIS LSTs. 913719 - IEEE Geoscience And Remote Sensing Letters. 6 - 1, pp. 122 - 126. (United States of America): 2009. ISSN 1545-598X

Type of production: Scientific paper

Format: Journal

Total no. authors: 2

Impact source: ISI

Category: GEOCHEMISTRY & GEOPHYSICS

Impact index in year of publication: 1.379

Journal in the top 25%: No

Position of publication: 36

No. of journals in the cat.: 75

Impact source: ISI

Category: REMOTE SENSING

Impact index in year of publication: 1.379

Journal in the top 25%: No

Position of publication: 7

No. of journals in the cat.: 21

Impact source: ISI

Category: ENGINEERING, ELECTRICAL & ELECTRONIC

Impact index in year of publication: 1.379

Journal in the top 25%: No

Position of publication: 82

No. of journals in the cat.: 246

- 104** U. Rascher; G. Agati; L. Alonso; G. Cecchi; S. Champagne; R. Colombo; A. Damm; F. Daumard; E. de Miguel; G. Fernandez; B. Franch; J. Franke; C. Gerbig; B. Gioli; J. A. Gomez; Y. Goulas; L. Guanter; O. Gutierrez-de-la-Camara; K. Hamdi; P. Hostert; M. Jimenez; M. Kosvancova; D. Lognoli; M. Meroni; F. Miglietta; A. Moersch; J. Moreno; I. Moya; B. Neininger; A. Okujeni; A. Ounis; L. Palombi; V. Raimondi; A. Schickling; J. A. Sobrino; M. Stellmes; G. Toci; P. Toscano; T. Udelhoven; S. van der Linden; A. Zaldei. CEFLES2: the remote sensing component to quantify photosynthetic efficiency from the leaf to the region by measuring sun-induced



fluorescence in the oxygen absorption bands.913339 - Biogeosciences. 6, pp. 1181 - 1198. (Germany): 2009. ISSN 1726-4170

Type of production: Scientific paper

Format: Journal

Total no. authors: 41

Impact source: ISI

Category: GEOSCIENCES, MULTIDISCIPLINARY

Impact index in year of publication: 3.246

Journal in the top 25%: Yes

Position of publication: 14

No. of journals in the cat.: 155

Impact source: ISI

Category: ECOLOGY

Impact index in year of publication: 3.246

Journal in the top 25%: Yes

Position of publication: 32

No. of journals in the cat.: 129

- 105** J. C. Jiménez-Muñoz; J. A. Sobrino; A. Plaza; L. Guanter; J. Moreno; P. Martínez. Comparison between fractional vegetation cover retrievals from vegetation indices and spectral mixture analysis: case study of PROBA/CHRIS data over an agricultural area. 913044 - Sensors. 9, pp. 768 - 793. (Switzerland): 2009. ISSN 1424-8220

DOI: <https://doi.org/10.3390/s90200768>

Type of production: Scientific paper

Format: Journal

Total no. authors: 6

Impact source: ISI

Category: INSTRUMENTS & INSTRUMENTATION

Impact index in year of publication: 1.821

Journal in the top 25%: Yes

Position of publication: 11

No. of journals in the cat.: 58

Impact source: ISI

Category: ELECTROCHEMISTRY

Impact index in year of publication: 1.821

Journal in the top 25%: No

Position of publication: 14

No. of journals in the cat.: 24

Impact source: ISI

Category: CHEMISTRY, ANALYTICAL

Impact index in year of publication: 1.821

Journal in the top 25%: No

Position of publication: 34

No. of journals in the cat.: 70

- 106** Sobrino; J. A.; G. Soria; R. Oltra-carrío; J. C. Jimenez-Muñoz; M. Romaguera; J. Cuenca. DESIREX 2008: Estudio de la isla de calor en la Ciudad de Madrid. 000447 - Revista Española de Teledetección. 31, pp. 80 - 92. (Spain): Asociación española de Teledetección, 2009. ISSN 1133-0953

Type of production: Scientific paper

Format: Journal

- 107** G. Sepulcre-Cantó; P. J. Zarco-Tejada; J. A. Sobrino; J. A. J. Berni; J. C. Jiménez-Muñoz; J. P. Gastellu-Etchegorry. Discriminating irrigated and rainfed olive orchards with thermal ASTER imagery and DART 3D simulation. 900035 - Agricultural and Forest Meteorology. 149, pp. 962 - 975. (Holland): 2009. ISSN 0168-1923

DOI: <https://doi.org/10.1016/j.agrformet.2008.12.001>

Type of production: Scientific paper

Format: Journal

Total no. authors: 6

Impact source: ISI

Category: FORESTRY

Impact index in year of publication: 3.197

Journal in the top 25%: Yes

Position of publication: 1

No. of journals in the cat.: 46

Impact source: ISI

Category: METEOROLOGY & ATMOSPHERIC SCIENCES

Impact index in year of publication: 3.197

Journal in the top 25%: Yes

Position of publication: 11

No. of journals in the cat.: 63

Impact source: ISI

Category: AGRONOMY

Impact index in year of publication: 3.197

Journal in the top 25%: Yes

**Position of publication:** 3**No. of journals in the cat.:** 61

- 108** Su, Z; Timmermans, WJ; van der Tol, C; Dost, R; Bianchi, R; Gomez, JA; House, A; Hajnsek, I; Menenti, M; Magliulo, V; Esposito, M; Haarbrink, R; Bosveld, F; Rothe, R; Baltink, HK; Vekerdy, Z; Sobrino, JA; Timmermans, J; van Laake, P; Salama, S; van der Kwast, H; Claassen, E; Stolk, A; Jia, L; Moors, E; Hartogensis, O; Gillespie, A. EAGLE 2006-Multi-purpose, multi-angle and multi-sensor in-situ and airborne campaigns over grassland and forest. 910632 - Hydrology and Earth System Sciences. 13 - 6, pp. 833 - 845. (Germany): 2009. ISSN 1027-5606
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** WATER RESOURCES
Impact index in year of publication: 2.462 **Journal in the top 25%:** Yes
Position of publication: 2 **No. of journals in the cat.:** 66
- Impact source:** ISI **Category:** GEOSCIENCES, MULTIDISCIPLINARY
Impact index in year of publication: 2.462 **Journal in the top 25%:** Yes
Position of publication: 27 **No. of journals in the cat.:** 155
- 109** J. C. Jiménez-Muñoz; J. A. Sobrino. Estimación de la temperatura terrestre a partir de datos METOP-AVHRR3 mediante un algoritmo Split-Window. 000447 - Revista Española de Teledetección. 32, pp. 40 - 49. (Spain): Asociación española de Teledetección, 2009. ISSN 1133-0953
Type of production: Scientific paper **Format:** Journal
- 110** Y. Julien; J. A. Sobrino. Global land surface phenology trends from GIMMS database. 903201 - International Journal of Remote Sensing. 30 - 13, pp. 3495 - 3513. (United Kingdom): 2009. ISSN 0143-1161
Type of production: Scientific paper **Format:** Journal
Total no. authors: 3
Impact source: ISI **Category:** IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Impact index in year of publication: 1.089 **Journal in the top 25%:** No
Position of publication: 5 **No. of journals in the cat.:** 13
- Impact source:** ISI **Category:** REMOTE SENSING
Impact index in year of publication: 1.089 **Journal in the top 25%:** No
Position of publication: 9 **No. of journals in the cat.:** 21
- 111** J. Cristóbal; J. C. Jiménez-Muñoz; J. A. Sobrino; M. Ninyerola; X. Pons. Improvements in land surface temperature retrieval from the Landsat series thermal band using water vapor and air temperature. 900175 - Journal of Geophysical Research. 114 - D08103, (United States of America): 2009. ISSN 0148-0227
DOI: <https://doi.org/10.1029/2008JD010616>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 5
Impact source: ISI **Category:** GEOSCIENCES, MULTIDISCIPLINARY
Impact index in year of publication: 3.082 **Journal in the top 25%:** Yes
Position of publication: 18 **No. of journals in the cat.:** 155
- 112** V. A. Marchesini; J. A. Sobrino; V. Hidalgo; C. M. Di Bella.. La eliminación selectiva de vegetación arbustiva en un bosque seco de Argentina y su efecto sobre la dinámica de agua.000447 - Revista Española de Teledetección. 31, pp. 93 - 102. (Spain): Asociación española de Teledetección, 2009. ISSN 1133-0953
Type of production: Scientific paper **Format:** Journal

- 113** J. C. Jiménez-Muñoz; J. Cristóbal; J. A. Sobrino; G. Sòria; M. Ninyerola; X. Pons. Revision of the single-channel algorithm for land surface temperature retrieval from Landsat thermal-infrared data. 901354 - IEEE Transactions on Geoscience and Remote Sensing. 47 - 1, pp. 339 - 349. (United States of America): 2009. ISSN 0196-2892
DOI: <https://doi.org/10.1109/TGRS.2008.2007125>
- Type of production:** Scientific paper
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 2.234
Position of publication: 17
- Impact source:** ISI
Impact index in year of publication: 2.234
Position of publication: 34
- Impact source:** ISI
Impact index in year of publication: 2.234
Position of publication: 4
- Format:** Journal
Category: GEOCHEMISTRY & GEOPHYSICS
Journal in the top 25%: Yes
No. of journals in the cat.: 75
- Category:** ENGINEERING, ELECTRICAL & ELECTRONIC
Journal in the top 25%: Yes
No. of journals in the cat.: 246
- Category:** REMOTE SENSING
Journal in the top 25%: Yes
No. of journals in the cat.: 21
- 114** J. A. Sobrino; C. Mattar; P. Pardo; J. C. Jiménez-Muñoz; S. J. Hook; A. Baldrige; R. Ibáñez. Soil emissivity and reflectance spectra measurements. 902912 - Applied Optics. 48 - 19, pp. 3664 - 3670. (United States of America): Optical Society of America, 2009. ISSN 0003-6935
DOI: <https://doi.org/10.1364/AO.48.003664>
- Type of production:** Scientific paper
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 1.41
Position of publication: 25
- Format:** Journal
Category: OPTICS
Journal in the top 25%: No
No. of journals in the cat.: 71
- 115** Y. Julien; J. A. Sobrino. The yearly land cover dynamics (YLCD) method: An analysis of global vegetation from NDVI and LST parameters. 906348 - Remote Sensing of Environment. 113, pp. 329 - 334. (United States of America): 2009. ISSN 0034-4257
- Type of production:** Scientific paper
Total no. authors: 2
Impact source: ISI
Impact index in year of publication: 3.185
Position of publication: 1
- Impact source:** ISI
Impact index in year of publication: 3.185
Position of publication: 1
- Impact source:** ISI
Impact index in year of publication: 3.185
Position of publication: 17
- Format:** Journal
Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 13
- Category:** REMOTE SENSING
Journal in the top 25%: Yes
No. of journals in the cat.: 21
- Category:** ENVIRONMENTAL SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 181
- 116** J. A. Sobrino; J. C. Jiménez-Muñoz; P. J. Zarco-Tejada; G. Sepulcre-Cantó; E. de Miguel; G. Sòria; M. Romaguera; Y. Julien; J. Cuenca; V. Hidalgo; B. Franch; C. Mattar; L. Morales; A. Gillespie; D. Sabol; L. Balick; Z. Su; L. Jia; A. Gieske; W. Timmermans; A. Olioso; F. Nerry; L. Guanter; J. Moreno; Q. Shen. Thermal remote sensing from Airborne Hyperspectral Scanner data in the framework of the SPARC and SEN2FLEX projects:

an overview. 910632 - Hydrology and Earth System Sciences. 13, pp. 2031 - 2037. (Germany): 2009. ISSN 1027-5606

DOI: <https://doi.org/10.5194/hess-13-2031-2009>

Type of production: Scientific paper

Total no. authors: 25

Impact source: ISI

Impact index in year of publication: 2.462

Position of publication: 2

Impact source: ISI

Impact index in year of publication: 2.462

Position of publication: 27

Format: Journal

Category: WATER RESOURCES

Journal in the top 25%: Yes

No. of journals in the cat.: 66

Category: GEOSCIENCES, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 155

- 117** M. Atitar; J. A. Sobrino; J. C. Jiménez-Muñoz; R. Oltra; Y. Julien; G. Sòria; A. Ruescas; V. Hidalgo; B. Franch; C. Mattar. Algoritmo de estimación de la temperatura de la superficie terrestre con el MSG2: test y comparación con datos in situ y productos MODIS y LANDSAF. 000447 - Revista Española de Teledetección. 30, pp. 60 - 70. (Spain): Asociación española de Teledetección, 2008. ISSN 1133-0953

Type of production: Scientific paper

Position of signature: 2

Total no. authors: 10

Format: Journal

- 118** Chehbouni A; Escadafal R; Duchemin B; Boulet G; Simonneaux V; Dedieu G; Mougenot B; Khabba S; Kharrou H; Maisongrande P; Merlin O; Chaponniere A; Ezzahar J; Er-Raki S; Hoedjes J; Hadria R; Abourida A; Cheggour A; Raibi F; Boudhar A; Benhadj I; Hanich L; Benkaddour A; Guemouria N; Chehbouni AH; Lahrouni A; Olioso A; Jacob F; Williams DG; Sobrino JA. An integrated modelling and remote sensing approach for hydrological study in arid and semi-arid regions: the SUDMED programme. 903201 - International Journal of Remote Sensing. 29 - 17-18, pp. 5161 - 5181. (United Kingdom): 2008. ISSN 0143-1161

Type of production: Scientific paper

Position of signature: 30

Total no. authors: 30

Impact source: ISI

Impact index in year of publication: 1.041

Position of publication: 12

Impact source: ISI

Impact index in year of publication: 1.041

Position of publication: 6

Format: Journal

Category: REMOTE SENSING

Journal in the top 25%: No

No. of journals in the cat.: 15

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 11

- 119** L. Suárez; P. J. Zarco-Tejada; G. Sepulcre-Cantó; O. Pérez-Priego; J. R. Miller; J. C. Jiménez-Muñoz; J. A. Sobrino. Assessing canopy PRI for water stress detection with diurnal airborne imagery. 906348 - Remote Sensing of Environment. 112, pp. 560 - 575. (United States of America): 2008. ISSN 0034-4257

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 3.943

Position of publication: 1

Impact source: ISI

Impact index in year of publication: 3.943

Position of publication: 10

Format: Journal

Category: REMOTE SENSING

Journal in the top 25%: Yes

No. of journals in the cat.: 15

Category: ENVIRONMENTAL SCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 163

Impact source: ISI



Impact index in year of publication: 3.943
Position of publication: 2

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: Yes
No. of journals in the cat.: 11

- 120** J.L. Gómez-Amo; V. Estelles; R. Pedrós; M. P. Utrillas; J. A. Sobrino; J. A. Martínez-Lozano. Column aerosol characterization in a semi-arid region around Marrakech during the WATERMED 2003 campaign. 903201 - International Journal of Remote Sensing. 29 - 17-18, pp. 5013 - 5027. (United Kingdom): 2008. ISSN 0143-1161

Type of production: Scientific paper

Format: Journal

Position of signature: 5

Total no. authors: 6

Impact source: ISI

Category: REMOTE SENSING

Impact index in year of publication: 1.041

Journal in the top 25%: No

Position of publication: 12

No. of journals in the cat.: 15

Impact source: ISI

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Impact index in year of publication: 1.041

Journal in the top 25%: No

Position of publication: 6

No. of journals in the cat.: 11

- 121** J. A. Sobrino; J. C. Jiménez-Muñoz; G. Sòria; M. Romaguera; L. Guanter; J. Moreno; A. Plaza; P. Martínez. Land surface emissivity retrieval from different VNIR and TIR sensors. 901354 - IEEE Transactions on Geoscience and Remote Sensing. 46 - 2, pp. 316 - 327. (United States of America): 2008. ISSN 0196-2892

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: REMOTE SENSING

Impact index in year of publication: 3.157

Journal in the top 25%: Yes

Position of publication: 2

No. of journals in the cat.: 15

Impact source: ISI

Category: ENGINEERING, ELECTRICAL & ELECTRONIC

Impact index in year of publication: 3.157

Journal in the top 25%: Yes

Position of publication: 20

No. of journals in the cat.: 229

Impact source: ISI

Category: GEOCHEMISTRY & GEOPHYSICS

Impact index in year of publication: 3.157

Journal in the top 25%: Yes

Position of publication: 8

No. of journals in the cat.: 64

- 122** C. Mattar; J.A. Sobrino; Y. Julien; B. Franch; R. Oltra. Método Simple para la identificación de zonas homogéneas de NDVI y temperatura de superficie en la Península Ibérica. 000447 - Revista Española de Teledetección. 30, pp. 92 - 101. (Spain): Asociación española de Teledetección, 2008. ISSN 1133-0953

Type of production: Scientific paper

Format: Journal

Position of signature: 2

Total no. authors: 5

- 123** Y. Julien; J. A. Sobrino. NDVI seasonal amplitude and its variability. 903201 - International Journal of Remote Sensing. 29 - 17-18, pp. 4887 - 4888. (United Kingdom): 2008. ISSN 0143-1161

Type of production: Scientific paper

Format: Journal

Total no. authors: 2

Impact source: ISI

Category: REMOTE SENSING

Impact index in year of publication: 1.041

Journal in the top 25%: No

Position of publication: 12

No. of journals in the cat.: 15



Impact source: ISI

Impact index in year of publication: 1.041

Position of publication: 6

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 11

- 124** J. A. Sobrino; Y. Julien; M. Atitar; F. Nerry. NOAA-AVHRR orbital drift correction from solar zenithal angle data. 901354 - IEEE Transactions on Geoscience and Remote Sensing. 46 - 12, pp. 4014 - 4019. (United States of America): 2008. ISSN 0196-2892

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 3.157

Position of publication: 2

Format: Journal

Category: REMOTE SENSING

Journal in the top 25%: Yes

No. of journals in the cat.: 15

Impact source: ISI

Impact index in year of publication: 3.157

Position of publication: 20

Category: ENGINEERING, ELECTRICAL & ELECTRONIC

Journal in the top 25%: Yes

No. of journals in the cat.: 229

Impact source: ISI

Impact index in year of publication: 3.157

Position of publication: 8

Category: GEOCHEMISTRY & GEOPHYSICS

Journal in the top 25%: Yes

No. of journals in the cat.: 64

- 125** Su Z; Timmermans W; Gieske A; Jia L; Elbers JA; Olioso A; Timmermans J; Van Der Velde R; Jin X; Van Der Kwast H; Nerry F; Sabol D; Sobrino JA; Moreno J; Bianchi R. Quantification of land-atmosphere exchanges of water, energy and carbon dioxide in space and time over the heterogeneous Barrax site. 903201 - International Journal of Remote Sensing. 29 - 17-18, pp. 5125 - 5135. (United Kingdom): 2008. ISSN 0143-1161

Type of production: Scientific paper

Position of signature: 13

Total no. authors: 15

Impact source: ISI

Impact index in year of publication: 1.041

Position of publication: 12

Format: Journal

Category: REMOTE SENSING

Journal in the top 25%: No

No. of journals in the cat.: 15

Impact source: ISI

Impact index in year of publication: 1.041

Position of publication: 6

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 11

- 126** JA Sobrino. Recent Advances in Quantitative Remote Sensing: Papers from the Second International Symposium, 25th-29th September 2006, Torrent, Spain - Preface. 903201 - International Journal of Remote Sensing. 29 - 17-18, pp. 4889 - 4889. (United Kingdom): 2008. ISSN 0143-1161

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 1

Impact source: ISI

Impact index in year of publication: 1.041

Position of publication: 12

Format: Journal

Category: REMOTE SENSING

Journal in the top 25%: No

No. of journals in the cat.: 15

Impact source: ISI

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY



Impact index in year of publication: 1.041
Position of publication: 6

Journal in the top 25%: No
No. of journals in the cat.: 11

- 127** Belen Franch; J. A. Sobrino. Situacion actual de la estimacion de la fluorescencia mediante teledeteccion. 000447 - Revista Española de Teledetección. 29, pp. 5 - 14. (Spain): Asociación española de Teledetección, 2008. ISSN 1133-0953

Type of production: Scientific paper
Position of signature: 2
Total no. authors: 2

Format: Journal

- 128** Juan C. Jiménez-Muñoz; José A. Sobrino. Split-Window Coefficients for Land Surface Temperature Retrieval From Low-Resolution Thermal Infrared Sensors. 913719 - Ieee Geoscience And Remote Sensing Letters. 5 - 4, pp. 806 - 809. (United States of America): 2008. ISSN 1545-598X

Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 1.832
Position of publication: 25

Format: Journal
Category: GEOCHEMISTRY & GEOPHYSICS
Journal in the top 25%: No
No. of journals in the cat.: 64

Impact source: ISI
Impact index in year of publication: 1.832
Position of publication: 6

Category: REMOTE SENSING
Journal in the top 25%: No
No. of journals in the cat.: 15

Impact source: ISI
Impact index in year of publication: 1.832
Position of publication: 61

Category: ENGINEERING, ELECTRICAL & ELECTRONIC
Journal in the top 25%: No
No. of journals in the cat.: 229

- 129** J. A. Sobrino; J. C. Jiménez-Muñoz; G. Sòria; M. Gómez; A. Barella-Ortiz; M. Romaguera; M. Zaragoza; Y. Julien; J. Cuenca; M. Atitar; V. Hidalgo; B. Franch; C. Mattar; A. Ruescas; L. Morales; A. Gillespie; L. Balick; Z. Su; F. Nerry; L. Peres; R. Libonati. Thermal remote sensing in the framework of the SEN2FLEX project: field measurements, airborne data and applications. 903201 - International Journal of Remote Sensing. 29 - 17-18, pp. 4961 - 4991. (United Kingdom): 2008. ISSN 0143-1161

Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 1.041
Position of publication: 12

Format: Journal
Category: REMOTE SENSING
Journal in the top 25%: No
No. of journals in the cat.: 15

Impact source: ISI
Impact index in year of publication: 1.041
Position of publication: 6

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 11

- 130** L. F. Peres; J. A. Sobrino; R. Libonati; J. C. Jiménez-Muñoz; C. C. Da Camara; M. Romaguera. Validation of a temperature emissivity separation hybrid method from airborne hyperspectral scanner data and ground measurements in the SEN2FLEX field campaign. 903201 - International Journal of Remote Sensing. 29 - 24, pp. 7251 - 7268. (United Kingdom): 2008. ISSN 0143-1161

Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 1.041
Position of publication: 12

Format: Journal
Category: REMOTE SENSING
Journal in the top 25%: No
No. of journals in the cat.: 15

Impact source: ISI



Impact index in year of publication: 1.041
Position of publication: 6

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: No
No. of journals in the cat.: 11

- 131** J.A. Sobrino, M. Romaguera. Water-vapour retrieval from Meteosat 8/SEVIRI observations. 903201 - International Journal of Remote Sensing. 29 - 3, pp. 741 - 754. (United Kingdom): 2008. ISSN 0143-1161

Type of production: Scientific paper
Position of signature: 1
Total no. authors: 2

Format: Journal

Impact source: ISI
Impact index in year of publication: 1.041
Position of publication: 12

Category: REMOTE SENSING
Journal in the top 25%: No
No. of journals in the cat.: 15

Impact source: ISI
Impact index in year of publication: 1.041
Position of publication: 6

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 11

- 132** E. J. Noyes; G. Sòria; J. A. Sobrino; J. J. Remedios; D. T. Llewellyn-Jones; G. K. Corlett. AATSR land surface temperature product algorithm verification over a WATERMED site. 908826 - Advances in Space Research. 39 - 1, pp. 171 - 178. (United Kingdom): 2007. ISSN 0273-1177

Type of production: Scientific paper
Total no. authors: 6

Format: Journal

Impact source: ISI
Impact index in year of publication: 0.774
Position of publication: 35

Category: ASTRONOMY & ASTROPHYSICS
Journal in the top 25%: No
No. of journals in the cat.: 48

Impact source: ISI
Impact index in year of publication: 0.774
Position of publication: 45

Category: METEOROLOGY & ATMOSPHERIC SCIENCES
Journal in the top 25%: No
No. of journals in the cat.: 51

Impact source: ISI
Impact index in year of publication: 0.774
Position of publication: 97

Category: GEOSCIENCES, MULTIDISCIPLINARY
Journal in the top 25%: No
No. of journals in the cat.: 137

- 133** José A. Sobrino; Juan C. Jiménez-Muñoz; Lee Balick; Alan R. Gillespie; Donald A. Sabol; William T. Gustafson. Accuracy of ASTER Level-2 thermal-infrared Standard Products of an agricultural area in Spain. 906348 - Remote Sensing of Environment. 106 - 2, pp. 146 - 153. (United States of America): 2007. ISSN 0034-4257

DOI: <https://doi.org/10.1016/j.rse.2006.04.012>

Type of production: Scientific paper
Total no. authors: 6

Format: Journal

Impact source: ISI
Impact index in year of publication: 3.013
Position of publication: 1

Category: REMOTE SENSING
Journal in the top 25%: Yes
No. of journals in the cat.: 14

Impact source: ISI
Impact index in year of publication: 3.013
Position of publication: 17

Category: ENVIRONMENTAL SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 160

Impact source: ISI



Impact index in year of publication: 3.013

Position of publication: 2

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 11

- 134** Julien, Y.; Sobrino, J. A.; MORALES, L.. Analisis multitempral de imágenes PAL para el estudio de la vegetación en Suramérica. 000447 - Revista Española de Teledetección. 27, pp. 17 - 26. (Spain): Asociación española de Teledetección, 2007. ISSN 1133-0953

Type of production: Scientific paper

Format: Journal

Total no. authors: 3

- 135** J. A. Sobrino; M. Gómez; J. C. Jiménez-Muñoz; A. Oliosio. Application of a simple algorithm to estimate daily evapotranspiration from NOAA-AVHRR images for the Iberian Peninsula. 906348 - Remote Sensing of Environment. 110 - 2, pp. 139 - 148. (United States of America): 2007. ISSN 0034-4257

DOI: <https://doi.org/10.1016/j.rse.2007.02.017>

Type of production: Scientific paper

Format: Journal

Total no. authors: 4

Impact source: ISI

Category: REMOTE SENSING

Impact index in year of publication: 3.013

Journal in the top 25%: Yes

Position of publication: 1

No. of journals in the cat.: 14

Impact source: ISI

Category: ENVIRONMENTAL SCIENCES

Impact index in year of publication: 3.013

Journal in the top 25%: Yes

Position of publication: 17

No. of journals in the cat.: 160

Impact source: ISI

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Impact index in year of publication: 3.013

Journal in the top 25%: Yes

Position of publication: 2

No. of journals in the cat.: 11

- 136** G. Soria; J. A. Sobrino. ENVISAT/AATSR derived land surface temperature in a heterogeneous region. 906348 - Remote Sensing of Environment. 111, pp. 409 - 422. (United States of America): 2007. ISSN 0034-4257

Type of production: Scientific paper

Format: Journal

Total no. authors: 4

Impact source: ISI

Category: REMOTE SENSING

Impact index in year of publication: 3.013

Journal in the top 25%: Yes

Position of publication: 1

No. of journals in the cat.: 14

Impact source: ISI

Category: ENVIRONMENTAL SCIENCES

Impact index in year of publication: 3.013

Journal in the top 25%: Yes

Position of publication: 17

No. of journals in the cat.: 160

Impact source: ISI

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Impact index in year of publication: 3.013

Journal in the top 25%: Yes

Position of publication: 2

No. of journals in the cat.: 11

- 137** A. oliosio; G. Soria; José A. Sobrino; B. Duchemin. Evidences of low land surface thermal infrared emissivity in presence of dry vegetation. 913719 - Ieee Geoscience And Remote Sensing Letters. 4 - 1, pp. 112 - 116. (United States of America): 2007. ISSN 1545-598X

Type of production: Scientific paper

Format: Journal

Total no. authors: 4



Impact source: ISI
Impact index in year of publication: 1,140
Position of publication: 37

Category: GEOCHEMISTRY & GEOPHYSICS
Journal in the top 25%: No
No. of journals in the cat.: 63

Impact source: ISI
Impact index in year of publication: 1,140
Position of publication: 6

Category: REMOTE SENSING
Journal in the top 25%: No
No. of journals in the cat.: 14

Impact source: ISI
Impact index in year of publication: 1,140
Position of publication: 73

Category: ENGINEERING, ELECTRICAL & ELECTRONIC
Journal in the top 25%: No
No. of journals in the cat.: 227

- 138** Juan C. Jiménez-Muñoz; José A. Sobrino. Feasibility of retrieving land-surface temperature from ASTER TIR bands using two-channel algorithms: a case study of agricultural areas. 913719 - Ieee Geoscience And Remote Sensing Letters. 4 - 1, pp. 60 - 64. (United States of America): 2007. ISSN 1545-598X

DOI: <https://doi.org/10.1109/LGRS.2006.885869>

Type of production: Scientific paper

Format: Journal

Total no. authors: 2

Impact source: ISI
Impact index in year of publication: 1,140
Position of publication: 37

Category: GEOCHEMISTRY & GEOPHYSICS
Journal in the top 25%: No
No. of journals in the cat.: 63

Impact source: ISI
Impact index in year of publication: 1,140
Position of publication: 6

Category: REMOTE SENSING
Journal in the top 25%: No
No. of journals in the cat.: 14

Impact source: ISI
Impact index in year of publication: 1,140
Position of publication: 73

Category: ENGINEERING, ELECTRICAL & ELECTRONIC
Journal in the top 25%: No
No. of journals in the cat.: 227

- 139** G. Sepulcre-Cantó; P. J. Zarco-Tejada; J. C. Jiménez-Muñoz; J. A. Sobrino; M. A. Soriano; E. Fereres; V. Vega. Monitoring yield and fruit quality parameters in open-canopy tree crops under water stress. Implications for ASTER. 906348 - Remote Sensing of Environment. 107, pp. 455 - 470. (United States of America): 2007. ISSN 0034-4257

DOI: <https://doi.org/10.1016/j.rse.2006.09.014>

Type of production: Scientific paper

Format: Journal

Total no. authors: 7

Impact source: ISI
Impact index in year of publication: 3.013
Position of publication: 1

Category: REMOTE SENSING
Journal in the top 25%: Yes
No. of journals in the cat.: 14

Impact source: ISI
Impact index in year of publication: 3.013
Position of publication: 17

Category: ENVIRONMENTAL SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 160

Impact source: ISI
Impact index in year of publication: 3.013
Position of publication: 2

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 11



- 140** Julien, Y.; Sobrino, J. A.; Verhoef, W.. Changes in land surface temperatures and NDVI values over Europe between 1982 and 1999. 906348 - Remote Sensing of Environment. 103 - 1, pp. 43 - 55. (United States of America): 2006. ISSN 0034-4257
Type of production: Scientific paper **Format:** Journal
Total no. authors: 3
Impact source: ISI **Category:** REMOTE SENSING
Impact index in year of publication: 3.064 **Journal in the top 25%:** Yes
Position of publication: 1 **No. of journals in the cat.:** 11
Impact source: ISI **Category:** IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Impact index in year of publication: 3.064 **Journal in the top 25%:** Yes
Position of publication: 2 **No. of journals in the cat.:** 11
Impact source: ISI **Category:** ENVIRONMENTAL SCIENCES
Impact index in year of publication: 3.064 **Journal in the top 25%:** Yes
Position of publication: 8 **No. of journals in the cat.:** 135
- 141** Sepulcre-Canto, G.; Zarco-Tejada, P. J.; Jimenez-Muñoz, J. C.; Sobrino, J. A.; de Miguel E.; Villalobos, F. J.. Detection of water stress in an olive orchard with thermal remote sensing imagery. 900035 - Agricultural and Forest Meteorology. 136 - 1-2, pp. 31 - 44. (Holland): 2006. ISSN 0168-1923
DOI: <https://doi.org/10.1016/j.agrformet.2006.01.008>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6
Impact source: ISI **Category:** FORESTRY
Impact index in year of publication: 2.903 **Journal in the top 25%:** Yes
Position of publication: 1 **No. of journals in the cat.:** 35
Impact source: ISI **Category:** AGRONOMY
Impact index in year of publication: 2.903 **Journal in the top 25%:** Yes
Position of publication: 1 **No. of journals in the cat.:** 49
Impact source: ISI **Category:** METEOROLOGY & ATMOSPHERIC SCIENCES
Impact index in year of publication: 2.903 **Journal in the top 25%:** Yes
Position of publication: 7 **No. of journals in the cat.:** 48
- 142** Jimenez-Muñoz, J. C.; Sobrino, J. A.. Emissivity spectra obtained from field and laboratory measurements using the temperature and emissivity separation algorithm. 902912 - Applied Optics. 45 - 27, pp. 7104 - 7109. (United States of America): Optical Society of America, 2006. ISSN 0003-6935
DOI: <https://doi.org/10.1364/AO.45.007104>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 2
Impact source: ISI **Category:** OPTICS
Impact index in year of publication: 1.717 **Journal in the top 25%:** Yes
Position of publication: 13 **No. of journals in the cat.:** 55
- 143** Jimenez-Muñoz, J.C.; Sobrino, J. A.. Error sources on the land surface temperature retrieved from thermal infrared single channel remote sensing data. 903201 - International Journal of Remote Sensing. 27 - 5-6, pp. 999 - 1014. (United Kingdom): 2006. ISSN 0143-1161
DOI: <https://doi.org/10.1080/01431160500075907>
Type of production: Scientific paper **Format:** Journal



Total no. authors: 2

Impact source: ISI

Impact index in year of publication: 0.98

Position of publication: 5

Impact source: ISI

Impact index in year of publication: 0.98

Position of publication: 7

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 11

Category: REMOTE SENSING

Journal in the top 25%: No

No. of journals in the cat.: 11

- 144** Romaguera, M.; Sobrino, J. A.; Olesen F. S.. Estimation of sea surface temperature from SEVIRI data: algorithm testing and comparison with AVHRR products. 903201 - International Journal of Remote Sensing. 27 - 22, pp. 5081 - 5086. (United Kingdom): 2006. ISSN 0143-1161

Type of production: Scientific paper

Format: Journal

Total no. authors: 3

Impact source: ISI

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Impact index in year of publication: 0.98

Journal in the top 25%: No

Position of publication: 5

No. of journals in the cat.: 11

Impact source: ISI

Category: REMOTE SENSING

Impact index in year of publication: 0.98

Journal in the top 25%: No

Position of publication: 7

No. of journals in the cat.: 11

- 145** Parra, J. C.; Sobrino, J. A.; Acebedo, P. S.; Morales, L. J.. Estimation of the temperature of land surface from split-window applied algorithms AVHRR-NOAA satellite data. 908779 - Revista Mexicana de Fisica. 52 - 3, pp. 238 - 245. (Mexico): 2006. ISSN 0035-001X

Type of production: Scientific paper

Format: Journal

Total no. authors: 4

Impact source: ISI

Category: PHYSICS, MULTIDISCIPLINARY

Impact index in year of publication: 0.265

Journal in the top 25%: No

Position of publication: 64

No. of journals in the cat.: 68

- 146** Jimenez-Muñoz, J. C.; Sobrino, J. A.; Gillespie, A.; Sabol, D.; Gustafson, W. T.. Improved land surface emissivities over agricultural areas using ASTER NDVI. 906348 - Remote Sensing of Environment. 103 - 4, pp. 474 - 487. (United States of America): 2006. ISSN 0034-4257

DOI: <https://doi.org/10.1016/j.rse.2006.04.012>

Type of production: Scientific paper

Format: Journal

Total no. authors: 5

Impact source: ISI

Category: REMOTE SENSING

Impact index in year of publication: 3.064

Journal in the top 25%: Yes

Position of publication: 1

No. of journals in the cat.: 11

Impact source: ISI

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Impact index in year of publication: 3.064

Journal in the top 25%: Yes

Position of publication: 2

No. of journals in the cat.: 11

Impact source: ISI

Category: ENVIRONMENTAL SCIENCES

Impact index in year of publication: 3.064

Journal in the top 25%: Yes

Position of publication: 8

No. of journals in the cat.: 135

- 147** Sobrino, J. A.; Jimenez-Muñoz, J. C.; Zarco-Tejada, P. J.; Sepulcre-Canto, G.; de Miguel E.. Land surface temperature derived from airborne hyperspectral scanner thermal infrared data. 906348 - Remote Sensing of Environment. 102 - 1-2, pp. 99 - 115. (United States of America): 2006. ISSN 0034-4257
DOI: <https://doi.org/10.1016/j.rse.2006.02.001>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 5
Impact source: ISI **Category:** REMOTE SENSING
Impact index in year of publication: 3.064 **Journal in the top 25%:** Yes
Position of publication: 1 **No. of journals in the cat.:** 11
Impact source: ISI **Category:** IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Impact index in year of publication: 3.064 **Journal in the top 25%:** Yes
Position of publication: 2 **No. of journals in the cat.:** 11
Impact source: ISI **Category:** ENVIRONMENTAL SCIENCES
Impact index in year of publication: 3.064 **Journal in the top 25%:** Yes
Position of publication: 8 **No. of journals in the cat.:** 135
- 148** Sobrino, J. A.; Julien, Y.; Morales, L.. Multitemporal analysis of PAL images for the study of land cover dynamics in South America. 901735 - Global and Planetary Change. 51 - 3-4, pp. 172 - 180. (Holland): 2006. ISSN 0921-8181
Type of production: Scientific paper **Format:** Journal
Total no. authors: 3
Impact source: ISI **Category:** GEOSCIENCES, MULTIDISCIPLINARY
Impact index in year of publication: 2.06 **Journal in the top 25%:** Yes
Position of publication: 23 **No. of journals in the cat.:** 131
Impact source: ISI **Category:** GEOGRAPHY, PHYSICAL
Impact index in year of publication: 2.06 **Journal in the top 25%:** Yes
Position of publication: 6 **No. of journals in the cat.:** 30
- 149** Paolini, L.; Grings, F.; Sobrino, J. A.; Jimenez-Muñoz, J. C.; Karszenbaum, H.. Radiometric correction effects in Landsat multi-date/multi-sensor change detection studies. 903201 - International Journal of Remote Sensing. 27 - 4, pp. 685 - 704. (United Kingdom): 2006. ISSN 0143-1161
DOI: <https://doi.org/10.1080/01431160500183057>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 5
Impact source: ISI **Category:** IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Impact index in year of publication: 0.98 **Journal in the top 25%:** No
Position of publication: 5 **No. of journals in the cat.:** 11
Impact source: ISI **Category:** REMOTE SENSING
Impact index in year of publication: 0.98 **Journal in the top 25%:** No
Position of publication: 7 **No. of journals in the cat.:** 11
- 150** Sobrino, J. A.; Gómez, M.; Jiménez-Muñoz, J. C.; Oliso, A.; Chehbouni, G.. A simple algorithm to estimate evapotranspiration from DAIS data: Application to the DAISEX campaigns. 901308 - Journal of Hydrology. pp. 117 - 125. (Holland): Elsevier, 2005. ISSN 0022-1694
Type of production: Scientific paper **Format:** Journal



Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 1.745

Position of publication: 1

Category: ENGINEERING, CIVIL

Journal in the top 25%: Yes

No. of journals in the cat.: 80

Impact source: ISI

Impact index in year of publication: 1.745

Position of publication: 27

Category: GEOSCIENCES, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 129

Impact source: ISI

Impact index in year of publication: 1.745

Position of publication: 4

Category: WATER RESOURCES

Journal in the top 25%: Yes

No. of journals in the cat.: 57

- 151** Jiménez-Muñoz, J. C.; Sobrino, J. A.. Atmospheric water vapour content retrieval from visible and thermal data in the framework of the DAISEX campaigns. 903201 - International Journal of Remote Sensing. 26 - 15, pp. 3163 - 3180. (United Kingdom): 2005. ISSN 0143-1161

DOI: <https://doi.org/10.1080/01431160500127484>

Type of production: Scientific paper

Total no. authors: 2

Impact source: ISI

Impact index in year of publication: 0.925

Position of publication: 5

Format: Journal

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 12

Impact source: ISI

Impact index in year of publication: 0.925

Position of publication: 7

Category: REMOTE SENSING

Journal in the top 25%: No

No. of journals in the cat.: 10

- 152** Sobrino, J. A.; Jiménez-Muñoz, J. C.; Verhoef, W.. Canopy directional emissivity: Comparison between models. 906348 - Remote Sensing of Environment. 99, pp. 304 - 314. (United States of America): 2005. ISSN 0034-4257

DOI: <https://doi.org/10.1016/j.rse.2005.09.005>

Type of production: Scientific paper

Total no. authors: 3

Impact source: ISI

Impact index in year of publication: 2.833

Position of publication: 1

Format: Journal

Category: REMOTE SENSING

Journal in the top 25%: Yes

No. of journals in the cat.: 10

Impact source: ISI

Impact index in year of publication: 2.833

Position of publication: 10

Category: ENVIRONMENTAL SCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 140

Impact source: ISI

Impact index in year of publication: 2.833

Position of publication: 2

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 12

- 153** Sobrino, J. A.; Jiménez-Muñoz, J. C.. Land surface temperature retrieval from thermal infrared data: An Assessment in the context of the Surface Processes and Ecosystem Changes through Response Analysis (SPECTRA) mission. 900175 - Journal of Geophysical Research. 110 - D16103, (United States of America): 2005. ISSN 0148-0227

DOI: <https://doi.org/10.1029/2004JD005588>

Type of production: Scientific paper

Format: Journal



Total no. authors: 2

Impact source: ISI

Impact index in year of publication: 2,784

Position of publication: 7

Category: GEOSCIENCES, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 129

- 154** Gómez, M.; Olioso, A.; Sobrino, J. A.; Jacob, F.. Retrieval of evapotranspiration over the Alpillés/ReSeDA experimental site using airborne POLDER sensor and a thermal camera. 906348 - Remote Sensing of Environment. 96, pp. 399 - 408. (United States of America): 2005. ISSN 0034-4257

Type of production: Scientific paper

Format: Journal

Total no. authors: 4

Impact source: ISI

Category: REMOTE SENSING

Impact index in year of publication: 2.833

Journal in the top 25%: Yes

Position of publication: 1

No. of journals in the cat.: 10

Impact source: ISI

Category: ENVIRONMENTAL SCIENCES

Impact index in year of publication: 2.833

Journal in the top 25%: Yes

Position of publication: 10

No. of journals in the cat.: 140

Impact source: ISI

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Impact index in year of publication: 2.833

Journal in the top 25%: Yes

Position of publication: 2

No. of journals in the cat.: 12

- 155** Sobrino, J. A.; Zaragoza-Ivorra, M. M.; Sanz, M. J.; Chorda, J. V.. Aplicación de la teledetección al estudio de los flujos de carbono.000435 - Revista Española de Física. 18 - 4, pp. 28 - 34. (Spain): 2004. ISSN 0213-862X

Type of production: Scientific paper

Format: Journal

Total no. authors: 4

- 156** Jiménez-Muñoz; J. C.; Sobrino; J. A.. Correction to 'A generalized single-channel method for retrieving land surface temperature from remote sensing data' by J. C. Jiménez-Muñoz and J. A. Sobrino. 902398 - Journal of Geophysical Research-Atmospheres. 109 - D08112, (United States of America): 2004.

Type of production: Scientific paper

Format: Journal

Total no. authors: 2

- 157** Romaguera; M.; Sobrino; J. A.. Determinación de la temperatura de la superficie terrestre a partir de los datos MSG1/SEVIRI.. 22:25-31.000447 - Revista Española de Teledetección. 22, pp. 25 - 31. (Spain): Asociación española de Teledetección, 2004. ISSN 1133-0953

Type of production: Scientific paper

Format: Journal

Total no. authors: 2

- 158** Sobrino; J. A.; Jimenez-Muñoz; J. C.. Estimación de la temperatura de la superficie terrestre mediante teledetección desde satélites.000435 - Revista Española de Física. 18, pp. 26 - 29. (Spain): 2004. ISSN 0213-862X

Type of production: Scientific paper

Format: Journal

Total no. authors: 2

- 159** Cuenca; J.; Sobrino; J. A.. Experimental measurements for studying angular and spectral variation of thermal infrared emissivity.902912 - Applied Optics. 43, pp. 4598 - 4602. (United States of America): Optical Society of America, 2004. ISSN 0003-6935

Type of production: Scientific paper

Format: Journal

Total no. authors: 2



Impact source: ISI
Impact index in year of publication: 1.799
Position of publication: 14

Category: OPTICS
Journal in the top 25%: No
No. of journals in the cat.: 54

- 160** Li, Z. L.; ZHANG, R.; SUN, X.; SU, H.; TANG, X.; ZHU, Z.; SOBRINO, J. A.. Experimental system for the study of the directional thermal emission of natural surfaces. 903201 - International Journal of Remote Sensing. 25 - 1, pp. 195 - 204. (United Kingdom): 2004. ISSN 0143-1161

Type of production: Scientific paper
Total no. authors: 7
Impact source: ISI

Format: Journal

Impact index in year of publication: 1.128
Position of publication: 5

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Journal in the top 25%: No
No. of journals in the cat.: 13

Impact source: ISI
Impact index in year of publication: 1.128
Position of publication: 6

Category: REMOTE SENSING
Journal in the top 25%: No
No. of journals in the cat.: 10

- 161** Sobrino, J. A.; Jimenez-Muñoz, J. C.; paolini, L.. Land surface temperature retrieval from LANDSAT TM 5.906348 - Remote Sensing of Environment. 90, pp. 434 - 440. (United States of America): 2004. ISSN 0034-4257

Type of production: Scientific paper
Total no. authors: 3

Format: Journal

Impact source: ISI
Impact index in year of publication: 3.185
Position of publication: 1

Category: REMOTE SENSING
Journal in the top 25%: Yes
No. of journals in the cat.: 10

Impact source: ISI

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Impact index in year of publication: 3.185
Position of publication: 2

Journal in the top 25%: Yes
No. of journals in the cat.: 13

Impact source: ISI
Impact index in year of publication: 3.185
Position of publication: 6

Category: ENVIRONMENTAL SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 134

- 162** Sobrino; J. A.; Romaguera; M.. Land surface temperature retrieval from MSG-SEVIRI data. 906348 - Remote Sensing of Environment. 92, pp. 247 - 254. (United States of America): 2004. ISSN 0034-4257

Type of production: Scientific paper
Total no. authors: 2

Format: Journal

Impact source: ISI
Impact index in year of publication: 3.185
Position of publication: 1

Category: REMOTE SENSING
Journal in the top 25%: Yes
No. of journals in the cat.: 10

Impact source: ISI

Category: IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

Impact index in year of publication: 3.185
Position of publication: 2

Journal in the top 25%: Yes
No. of journals in the cat.: 13

Impact source: ISI
Impact index in year of publication: 3.185
Position of publication: 6

Category: ENVIRONMENTAL SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 134



- 163** Sobrino, J. A.. Preface. 903201 - International Journal of Remote Sensing. 25 - 1, pp. 7 - 7. (United Kingdom): 2004. ISSN 0143-1161
Type of production: Scientific paper **Format:** Journal
Total no. authors: 1
Impact source: ISI **Category:** IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Impact index in year of publication: 1.128 **Journal in the top 25%:** No
Position of publication: 5 **No. of journals in the cat.:** 13
Impact source: ISI **Category:** REMOTE SENSING
Impact index in year of publication: 1.128 **Journal in the top 25%:** No
Position of publication: 6 **No. of journals in the cat.:** 10
- 164** Sobrino, J. A.; Jimenez-Muñoz, J. C.; El Kharraz, J.; Gómez, M.; Romaguera, M.; Soria, G.. Single-channel and two channel methods for land surface temperature retrieval from DAIS data and its application to the Barrax site. 903201 - International Journal of Remote Sensing. 25 - 1, pp. 215 - 230. (United Kingdom): 2004. ISSN 0143-1161
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6
Impact source: ISI **Category:** IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Impact index in year of publication: 1.128 **Journal in the top 25%:** No
Position of publication: 5 **No. of journals in the cat.:** 13
Impact source: ISI **Category:** REMOTE SENSING
Impact index in year of publication: 1.128 **Journal in the top 25%:** No
Position of publication: 6 **No. of journals in the cat.:** 10
- 165** Sobrino, J. A.; Soria, G.; Prata, A. J.. Surface temperature retrieval from Along Track Scanning Radiometer 2 data: Algorithms and validation.902398 - Journal of Geophysical Research-Atmospheres. 109 - D11, (United States of America): 2004.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 3
- 166** Jiménez-Muñoz, J. C.; Sobrino, J. A.. A generalized single-channel method for retrieving land surface temperature from remote sensing data. 902398 - Journal of Geophysical Research-Atmospheres. 108 - D22, (United States of America): 2003.
Type of production: Scientific paper **Format:** Journal
- 167** J. A. Sobrino; M. Gómez; A. Olios. Estimación de la evapotranspiración en las zonas experimentales de Barrax y Alpillés a partir de imágenes del sensor DAIS. 000447 - Revista Española de Teledetección. 20, pp. 29 - 34. (Spain): Asociación española de Teledetección, 2003. ISSN 1133-0953
Type of production: Scientific paper **Format:** Journal
Total no. authors: 3
- 168** El Kharraz, J.; Sobrino, J. A.. Estimación de la temperatura de la superficie terrestre y del contenido total en vapor de agua atmosférico a partir de datos MODIS. 000447 - Revista Española de Teledetección. 19, (Spain): Asociación española de Teledetección, 2003. ISSN 1133-0953
Type of production: Scientific paper **Format:** Journal



- 169** Jiménez-Muñoz, J. C.; Sobrino, J. A.; Gillespie, A.; Sabol, D.. Separación emisividad/temperatura a partir de datos DAIS y aplicación del contraste espectral para discriminar distintos tipos de vegetación. 000447 - Revista Española de Teledetección. 19, pp. 51 - 58. (Spain): Asociación española de Teledetección, 2003. Available on-line at: <<http://www.aet.org.es/?q=revista19-6>>. ISSN 1133-0953
Type of production: Scientific paper **Format:** Journal
- 170** Sobrino, J. A.; El Kharraz, J.; Li, Z.-L.. Surface temperature and water vapour retrieval from MODIS data. 903201 - International Journal of Remote Sensing. 24 - 24, pp. 5161 - 5182. (United Kingdom): 2003. ISSN 0143-1161
Type of production: Scientific paper **Format:** Journal
Total no. authors: 3
Impact source: ISI **Category:** REMOTE SENSING
Impact index in year of publication: 0.99 **Journal in the top 25%:** Yes
Position of publication: 3 **No. of journals in the cat.:** 11
Impact source: ISI **Category:** IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY
Impact index in year of publication: 0.99 **Journal in the top 25%:** Yes
Position of publication: 3 **No. of journals in the cat.:** 13
- 171** C. Mattar; A. Santamaría-Artigas; J. A. Sobrino; J. C. Jiménez-Muñoz. Soil moisture retrieval from a combined optical and passive microwave approach: theory and applications. Satellite Soil Moisture Retrieval. Techniques and Applications. pp. 153 - 158. (Holland): Elsevier, 2016. Available on-line at: <<http://www.sciencedirect.com/science/book/9780128033883>>. ISBN 9780128033883
Type of production: Book chapter **Format:** Book
Total no. authors: 4
- 172** Z. Su; Y. Ma; R. Van Der Velde; L. Dente; L. Wang; J. Timmermans; M. Menenti; JA Sobrino; Z.L. Li; W. Verhoef; L. Jia; J. Weng; Y. He; L. Wan; Q.H. Liu; Q. Yu; x. Li; L. Zhong; Y. Zeng; X. Tian; K L. Li; C, Qin; M. S. Salama; Z. Vekerdy. Drought monitoring, prediction and adaptation under climatic changes. European Space Agency (Special Publication), ESA SP. 704 SP, pp. 640 - 643. Beijing(China): IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA, 2013. ISBN 03796566
Type of production: Book chapter **Format:** Book
- 173** P. C. Guillevic; J.L. Privette; Y. Yu; F. M. Goettsche; G. Hulley; A. Oliosio; JA Sobrino; T. Meyers; D. Ghent; A. Bork-Unkelbach; D. Courault; M. O. Roman; S. Hook; I. Csiszar. NPP VIIRS land surface temperature product validation using worldwide observation networks. IEEE International Symposium on Geoscience and Remote Sensing IGARSS. pp. 640 - 643. Melbourne VIC(Australia): IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA, 2013. ISBN 978-1-44799114-1
Type of production: Book chapter **Format:** Book
Total no. authors: 4
- 174** A Maltese; F Capodici; C Corbari; G Ciruolo; G La Loggia; JA Sobrino. Critical analysis of the thermal inertia approach to map soil water content under sparse vegetation and changeable sky conditions. Proceedings of SPIE. 8531, Society of Photo-Optical Instrumentation Engineers (SPIE), 2012. ISBN 978-0-8194-9271-5
Type of production: Book chapter **Format:** Book
Total no. authors: 6
- 175** JC Jimenez-Munoz; JA Sobrino; C Mattar; Y Malhi. MULTI-TEMPORAL ANALYSIS OF MODIS LAND PRODUCTS OVER THE AMAZON REGION. IEEE International Symposium on Geoscience and Remote Sensing IGARSS. pp. 6439 - 6442. Munich(Germany): IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA, 2012. ISBN 978-1-4673-1159-5
Type of production: Book chapter **Format:** Book
Total no. authors: 4



- 176** Y Julien; JA Sobrino; G Soria. PHENOLOGY ESTIMATION FROM METEOSAT SECOND GENERATION DATA. IEEE International Symposium on Geoscience and Remote Sensing IGARSS. pp. 6447 - 6450. Munich(Germany): IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA, 2012. ISBN 978-1-4673-1159-5
Type of production: Book chapter **Format:** Book
Total no. authors: 3
- 177** Gomez, M.; Sobrino, J. A.; Oliosio, A.; Jimenez-Muñoz, J. C.. Retrieval of daily evapotranspiration from remote sensing images of high and low spatial resolution. Application to the Iberian Peninsula. Earth Observation for vegetation monitoring and water management. 852, pp. 201 - 208. Melville, New York(United States of America): American Institute of Physics, 2006. ISBN 0-7354-0346-5
Type of production: Book chapter **Format:** Book
Total no. authors: 4
- 178** Soria, G.; Sobrino, J. A.; Jimenez-Muñoz, J. C.; El kharraz, J.; Gomez, M.; Romaguera, M.; Cuenca, J.. Characterization of Thermal parameters in support of SIFLEX campaign. Proceedings of SPIE-Remote Sensing 2003. 5232, pp. 658 - 667. Bellingham, WA(United States of America): Society of Photo-Optical Instrumentation Engineers (SPIE), 2003. ISBN 0-8194-5116-9
Type of production: Book chapter **Format:** Book
Total no. authors: 7
- 179** J. El Kharraz; V. Estelles; J. A. Sobrino; J. M. Lozano; P. Utrillas. Estimación del contenido total en vapor de agua de la atmósfera mediante datos del sensor MODIS y comparación con otras técnicas. Teledetección y Desarrollo Regional. pp. 345 - 348. Cáceres(Spain): X Congreso Nacional de Teledetección, 2003. ISBN 84-607-8649-8
Legal deposit: CC-263-2003
Type of production: Book chapter **Format:** Book
Total no. authors: 5
- 180** El Kharraz, J.; Sobrino, J. A.; Morales, L.; Jiménez-Muñoz, J. C.; Sòria, G.; Gómez, M.; Romaguera, M.. Land cover dynamic analysis over the Mediterranean basin by means of remotely sensed and climate data.Proceedings of SPIE-Remote Sensing 2003. 5232, pp. 627 - 634. Bellingham, WA(United States of America): Society of Photo-Optical Instrumentation Engineers (SPIE), 2003. ISBN 0277-786X-00
Type of production: Book chapter **Format:** Book
Total no. authors: 7
- 181** El Kharraz; J.; Sobrino; J. A.. Operational algorithms to retrieve surface temperature and atmospheric water vapour content from MODIS data. Recent Research Developments in GEOPHYSICS. 5, pp. 85 - 102. Trivandrum,(India): Research Signpost, 2003. ISBN 81-271-0026-9
Type of production: Book chapter **Format:** Book
Total no. authors: 2
- 182** J.C. Jimenez-Muñoz; J. A. Sobrino. Un metodo monocanal generalizado para obtener la temperatura de la superficie terrestre a partir de datos de teledetección. Teledetección y Desarrollo Regional. pp. 385 - 388. Cáceres(Spain): X Congreso Nacional de Teledetección, 2003. ISBN 84-607-8649-8
Legal deposit: CC-263-2003
Type of production: Book chapter **Format:** Book
Total no. authors: 2
- 183** H. GRASSL; P. BOUGEALT...J. A. SOBRINO. The changing Earth <http://esamultimedia.esa.int/docs/SP-1304.pdf>. pp. 1 - 85. Noordwijk(Holland): ESA publications Division, 2006. ISBN 92-9092-457-8
Type of production: Scientific book or monograph
Total no. authors: 26



- 184** J. MORGAN; R. P. ALLAN; ...J. A. SOBRINO. METEOSAT SECOND GENERATION IN ORBIT-IN USE http://www.eumetsat.int/groups/cps/documents/document/pdf_br_msg02_en.pdf. pp. 1 - 120. DARMSTADT(Germany): EUMETSAT, 2005. ISBN 92-9110-071-4
Type of production: Scientific book or monograph
Total no. authors: 38
- 185** Satellite remote sensing of surface urban heat islands: progress, challenges, and perspectives. remote sensing. 11 - 1, Multidisciplinary Digital Publishing Institute, 09/01/2019.
Type of production: Review **Format:** Journal
Corresponding author: No
- 186** Michael Schaeppman; Hartmut Grassl; Johnny Johannessen; Hennie Kelder; Toshio Koike; Pascal Kosuth; David Llewellyn-Jones; Shaun Quegan; Markus Rex; David Sandwell; Bob Scholes; Jose Sobrino. Assessment of the Science Benefits derived from the European Space Agency (ESA) Earth Observation Envelope Programme (EOEP). pp. 1 - 28. Wageningen(Holland): Wageningen University, 2005.
Type of production: Scientific-technical report
Total no. authors: 12
- 187** Sepulcre-Cantó, G.; Zarco-Tejada, P. J.; Jiménez-Muñoz, J. C.; Sobrino, J. A.; de Miguel, E.; Diaz, J.. Detección de Estrés hídrico en Olivar mediante datos Hiperespectrales y Térmicos del sensor AHS. pp. 53 - 56. Tenerife(Spain): Universidad de La Laguna, 2005. ISBN 84-609-6894-4
Legal deposit: TF-0896/05
Type of production: Scientific-technical report
Total no. authors: 6
- 188** Romaguera, M.; Sobrino, J. A.; Sòria, G.; Zaragoza, M. M.; Cuenca, J.; Gómez, M.; Jiménez-Muñoz, J. C. LAND SURFACE TEMPERATURE DERIVED FROM THE MSG-SEVIRI DATA.pp. 1 - 4. AG Noordwijk,(Holland): ESA publications Division, 2004.
Type of production: Scientific-technical report
Total no. authors: 7
- 189** Luis Morales S; Giorgio Castellaro; J. A. Sobrino; Jauad El Kharraz. Land cover dynamic monitoring in the Region of Coquimbo (Chile) by the analysis of Multitemporal NOAA-AVHRR NDVI images.XXXV part B7, pp. 1 - 6. Estambul(Turkey): International Society for Photogrammetry and Remote Sensing, 2004. ISBN ISSN 1682-1750
Type of production: Scientific-technical report
Total no. authors: 4
- 190** (Bob) Su; L. Jia; X. Jin; J. Elbers; A. Gieske; W. Timmermans; H. van der Kwast; A. Oliosio; J.A. Sobrino; J. Moreno; F. Nerry; D. Sabol. Land-atmosphere exchanges of water and energy in space and time over a heterogeneous land surface. pp. 129 - 130. Princeton(United States of America): ESA publications Division, 2004.
Type of production: Scientific-technical report
Total no. authors: 12
- 191** J. A. Sobrino; J. Cuenca; G. Soria. Surface temperature estimation from AATSR data. pp. 1 - 6. AG Noordwijk,(Holland): ESA publications Division, 2004.
Type of production: Scientific-technical report
Total no. authors: 3
- 192** J.F. Moreno; others; J. Melia; others; J.A. Sobrino; others; J.A. Martinez-Lozano; others; J. Calpe-Maravilla; others; A. Calera Belmonte; others; F.J. Montero Riquelme; others; H. López Corcoles; others. The SPECTRA Barrax Campaign (SPARC): Overview and First Results from CHRIS data. SP-578, pp. 1 - 10. AG Noordwijk(Holland): ESA publications Division, 2004. ISBN 92-9092-889-I



Type of production: Scientific-technical report

- 193** E. Noyes; G. Soria; J. A. Sobrino; J. Remedios; D. Llewellyn-Jones; G. Corlett.. The WATERMED field experiment: validation of the AATSR LST product with in situ measurements.pp. 1 - 1. Paris(France): Committee On Space Research (COSPAR), 2004.

Type of production: Scientific-technical report

Total no. authors: 6

- 194** JE. Noyes; G. Sòria; J. A. Sobrino; J. Remedios; others. The Watermed Field Experiment: Validation of the AATSR-LST Product with In-situ Measurements. pp. 1 - 6. AG Noordwijk,(Holland): ESA publications Division, 2004.

Type of production: Scientific-technical report

Total no. authors: 3

- 195** Foreword to the Special Issue on IGARSS 2018. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing. 12, IEEE, 26/07/2019.

Type of production: Preface

Format: Journal

- 196** International Journal of Remote Sensing RAQRS V special issue. International Journal of Remote Sensing. 40 - 5-6, Taylor & Francis, 19/03/2019.

Type of production: Preface

Format: Journal

- 197** J. A. SOBRINO. abstract book THIRD INTERNATIONAL SYMPOSIUM RECENT ADVANCES IN QUANTITATIVE REMOTE SENSING. pp. 1 - 218. vALENCIA(Spain): Universitat de València, 2010.

Legal deposit: V-2818-2010

Type of production: Editor

Format: Book

- 198** J. A. SOBRINO. SECOND RECENT ADVANCES IN QUANTITATIVE REMOTE SENSING. pp. 1 - 1085. vALENCIA(Spain): Universitat de València, 2006. ISBN 84-370-6533-X

Legal deposit: V-5052-2006

Type of production: Editor

Format: Book

- 199** J. A. SOBRINO. abstract book SECOND INTERNATIONAL SYMPOSIUM RECENT ADVANCES IN QUANTITATIVE REMOTE SENSING. pp. 1 - 212. vALENCIA(Spain): Universitat de València, 2006.

Legal deposit: V-3702-2006

Type of production: Editor

Format: Book

- 200** Sobrino, J. A. Recent Advances in Quantitative Remote Sensing. International Journal of Remote Sensing, Volumen 25. 25 - 1, pp. 3 - 289. Dundee(United Kingdom): Taylor and Francis, Inc., 2004. ISBN 0143-1161

Type of production: Editor

Format: Book

Works submitted to national or international conferences

- 1** **Title of the work:** Validation of the TIMELINE AVHRR Land Surface Temperature (LST) Product with MODIS and in situ LST

Name of the conference: ESA Living Planet Symposium 2019

Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - oral communication

City of event: MILAN, Italy

Date of event: 13/05/2019

End date: 17/05/2019



Organising entity: EUROPEAN SPACE AGENCY-ESA
City organizing entity: Unknown
With external admission assessment committee: Yes
 pp. 8160 - 8162.

- 2** **Title of the work:** Indo-French High-resolution Thermal Infrared Space Mission for Earth Natural Resources Assessment and Monitoring-Concept and Definition of TRISHNA
Name of the conference: ISPRS-GEOGLAM-ISRS Joint International Workshop on "Earth Observations for Agricultural Monitoring"
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: NEW-DELHI, India
Date of event: 18/02/2019
End date: 2019
Organising entity: ISPRS
City organizing entity: Unknown
With external admission assessment committee: Yes
 "DOI : 10.5194/isprs-archives-XLII-3-W6-403-2019". pp. 8160 - 8162.

- 3** **Title of the work:** The Indian-French Trishna Mission: Earth Observation in the Thermal Infrared with High Spatio-Temporal Resolution
Name of the conference: IEEE International Geoscience and Remote Sensing Symposium (IGARSS)
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: Valencia, Valencian Community, Spain
Date of event: 22/07/2018
End date: 2018
Organising entity: IEEE **Type of entity:** Associations and Groups
City organizing entity: United States of America
 J. P. Lagouarde; B. K. Bhattacharya; P. Crebasol; J.L. Roujean; M. Sekar; S.K. Sing; J. Sobrino. "IEEE International Geoscience and Remote Sensing Symposium, 2018. IGARSS 2018."

- 4** **Title of the work:** Using MSG-Seviri Data to Monitor the Planet in Near Real Time
Name of the conference: IEEE International Geoscience and Remote Sensing Symposium (IGARSS)
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: Valencia, Valencian Community, Spain
Date of event: 22/07/2018
End date: 2018
Organising entity: IEEE **Type of entity:** Associations and Groups
City organizing entity: United States of America
 Y. Julien; J. A. Sobrino; J. C. Jiménez-Muñoz; G. Soria; D. Skokovix; J. Gomis-Cebolla; S. Garcia Montero. "IEEE International Geoscience and Remote Sensing Symposium, 2018. IGARSS 2018."

- 5** **Title of the work:** High Spatio- Temporal Resolution Land Surface Temperature Mission - a Copernicus Candidate Mission in Support of Agricultural Monitoring
Name of the conference: IEEE International Geoscience and Remote Sensing Symposium (IGARSS)
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: Valencia, Valencian Community, Spain
Date of event: 22/07/2018



End date: 2018

Organising entity: IEEE

Type of entity: Associations and Groups

City organizing entity: United States of America

With external admission assessment committee: Yes

B. Koetz; W. Bastiaanssen; M. Berger; P. Defourney; U. Del Bello; M. Drusch; J. Sobrino. "IEEE International Geoscience and Remote Sensing Symposium, 2018. IGARSS 2018.". pp. 8160 - 8162. IEEE,

- 6** **Title of the work:** Vicarious Calibration of Landsat-8 Thermal Data Collections and its Influence on Split-Window Algorithm Validation
Name of the conference: IEEE International Geoscience and Remote Sensing Symposium (IGARSS)
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: Valencia, Valencian Community, Spain
Date of event: 22/07/2018
End date: 2018

Organising entity: IEEE

Type of entity: Associations and Groups

City organizing entity: United States of America

D. Skokovic; J. A. Sobrino; J. C. Jiménez-Muñoz; G. Soria; Y. Julien; J. Gomis-Cebolla; S. Garcia Montero. "IEEE International Geoscience and Remote Sensing Symposium, 2018. IGARSS 2018.".

- 7** **Title of the work:** A comparison between satellite and in situ SST data on a global scale
Name of the conference: Recent Advances in Quantitative Remote Sensing (RAQRS' V)
Type of event: Conference **Geographical area:** Internacional
Type of participation: 'Participatory - poster
City of event: Valencia, Spain
Date of event: 2017
End date: 2017
Organising entity: UNVA - Universitat de València **Type of entity:** University

- 8** **Title of the work:** A high performance GPU implementation for multitemporal analysis of huge satellite remote sensing databases
Name of the conference: Recent Advances in Quantitative Remote Sensing (RAQRS' V)
Type of event: Conference **Geographical area:** Internacional
Type of participation: 'Participatory - poster
City of event: Valencia, Spain
Date of event: 2017
End date: 2017
Organising entity: UNVA - Universitat de València **Type of entity:** University

- 9** **Title of the work:** Early validation results of the land surface temperature product derived from Sentinel-3 SLSTR instrument
Name of the conference: Recent Advances in Quantitative Remote Sensing (RAQRS' V)
Type of event: Conference **Geographical area:** Internacional
Type of participation: 'Participatory - poster
City of event: Valencia, Spain
Date of event: 2017
End date: 2017
Organising entity: UNVA - Universitat de València **Type of entity:** University



- 10** **Title of the work:** Fair comparison of NDVI time series reconstruction methods using the TISSBERT dataset
Name of the conference: Recent Advances in Quantitative Remote Sensing (RAQRS' V)
Type of event: Conference **Geographical area:** Internacional
Type of participation: 'Participatory - poster
City of event: Valencia, Spain
Date of event: 2017
End date: 2017
Organising entity: UNVA - Universitat de València **Type of entity:** University
- 11** **Title of the work:** LST Split-Window algorithm FPGA implementation for Cubesats onboard computations purposes
Name of the conference: Recent Advances in Quantitative Remote Sensing (RAQRS' V)
Type of event: Conference **Geographical area:** Internacional
Type of participation: 'Participatory - poster
City of event: Valencia, Spain
Date of event: 2017
End date: 2017
Organising entity: UNVA - Universitat de València **Type of entity:** University
- 12** **Title of the work:** New MODIS LST product for the monitoring of Amazonian tropical forests
Name of the conference: Recent Advances in Quantitative Remote Sensing (RAQRS' V)
Type of event: Conference **Geographical area:** Internacional
Type of participation: 'Participatory - poster
City of event: Valencia, Spain
Date of event: 2017
End date: 2017
Organising entity: UNVA - Universitat de València **Type of entity:** University
- 13** **Title of the work:** Doñana: Zona de calibración de Sensores de Observación de la Tierra
Name of the conference: XVI Congreso de la Asociación Española de Teledetección
Type of event: Conference **Geographical area:** National
Type of participation: 'Participatory - poster
City of event: Sevilla, Spain
Date of event: 2015
End date: 2015
Organising entity: 3059 - Asociación Española de Teledetección
D. Skokovic; J. A. Sobrino; J. C. Jiménez-Muñoz; Y. Julien; G. Soria.
- 14** **Title of the work:** Episodios extremos de temperatura a escala global detectados por el sensor MODIS en la última década
Name of the conference: XVI Congreso de la Asociación Española de Teledetección
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - oral communication
City of event: Sevilla, Spain
Date of event: 2015
End date: 2015
Organising entity: 3059 - Asociación Española de Teledetección
J. C. Jiménez-Muñoz; J. A. Sobrino; J. Gomis; C. Mattar; A. Santamaría-Artigas; C. Durán-Alarcón.



- 15** **Title of the work:** Global Atmospheric Profiles from Reanalysis Information (GAPRI): a new dataset for forward simulations in the thermal infrared region
Name of the conference: Recent Advances in Quantitative Remote Sensing (RAQRS' IV)
Type of event: Conference **Geographical area:** Internacional
Type of participation: 'Participatory - poster
City of event: Valencia, Spain
Date of event: 2015
End date: 2015
Organising entity: UNVA - Universitat de València **Type of entity:** University
C. Mattar; C. Durán-Alarcón; J. C. Jiménez-Muñoz; J. A. Sobrino.
- 16** **Title of the work:** Near real time processing of MSG-SEVIRI data at the Global Change Unit of the University of Valencia
Name of the conference: EUMETSAT Meteorological Satellite Conference
Type of event: Conference **Geographical area:** Internacional
Type of participation: 'Participatory - poster
City of event: Toulouse, France
Date of event: 2015
End date: 2015
Y. Julien; J. A. Sobrino; G. Soria; J. C. Jiménez-Muñoz; D. Skokovic.
- 17** **Title of the work:** Near-real time estimation and broadcasting of biophysical parameters from SEVIRI at the University of Valencia
Name of the conference: LSA SAF 6th User Training Workshop
Type of event: Conference **Geographical area:** Internacional
Type of participation: 'Participatory - poster
City of event: Reading, United Kingdom
Date of event: 2015
End date: 2015
J. A. Sobrino; Y. Julien; J. C. Jiménez-Muñoz; G. Sòria; D. Skokovic.
- 18** **Title of the work:** Performance of the MODIS LST product over the Amazon basin
Name of the conference: 3rd DUE GlobTemperature User Consultation Meeting
Type of event: Conference **Geographical area:** Internacional
Type of participation: 'Participatory - poster
City of event: Reading, United Kingdom
Date of event: 2015
End date: 2015
J. C. Jiménez-Muñoz; C. Mattar; J. A. Sobrino; J. Gomis; Y. Malhi.
- 19** **Title of the work:** Proyecto CEOS-SPAIN: Desarrollo de una cadena de procesamiento en tiempo real de imágenes MODIS/SEVIRI y distribución de productos de teledetección mediante un geo-portal
Name of the conference: XVI Congreso de la Asociación Española de Teledetección
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - oral communication
City of event: Sevilla, Spain
Date of event: 2015
End date: 2015
Organising entity: 3059 - Asociación Española de Teledetección
J. A. Sobrino; G. Sòria Barres; Y. Julien; J. C. Jiménez Muñoz; D. Skokovic; J. Sevilla; A. Plaza.



- 20** **Title of the work:** Recent land Surface temperature trends over the Antarctic Peninsula
Name of the conference: Recent Advances in Quantitative Remote Sensing (RAQRS' IV)
Type of event: Conference **Geographical area:** Internacional
Type of participation: 'Participatory - poster
City of event: Valencia, Spain
Date of event: 2015
End date: 2015
Organising entity: UNVA - Universitat de València **Type of entity:** University
C. Durán-Alarcón; C. Mattar; J. C. Jiménez-Muñoz; J. A. Sobrino.
- 21** **Title of the work:** Retrieving and broadcasting near-real time biophysical parameters from MODIS and SEVIRI receiving stations at the Global Change Unit of the University of Valencia
Name of the conference: Recent Advances in Quantitative Remote Sensing (RAQRS' IV)
Type of event: Conference **Geographical area:** Internacional
Type of participation: 'Participatory - poster
City of event: Valencia, Spain
Date of event: 2015
End date: 2015
Organising entity: UNVA - Universitat de València **Type of entity:** University
Y. Julien; J. A. Sobrino; G. Sòria; J.-C. Jiménez-Muñoz; D. Skokovic.
- 22** **Title of the work:** Spatial analysis of the homogeneity of the Land Surface Temperature in three Spanish test sites
Name of the conference: Recent Advances in Quantitative Remote Sensing (RAQRS' IV)
Type of event: Conference **Geographical area:** Internacional
Type of participation: 'Participatory - poster
City of event: Valencia, Spain
Date of event: 2015
End date: 2015
Organising entity: UNVA - Universitat de València **Type of entity:** University
D. Skokovic; J. A. Sobrino; J. C. Jiménez-Muñoz; G. Sòria; Y. Julien.
- 23** **Title of the work:** Surface temperature anomalies monitoring over the Amazon forests
Name of the conference: Recent Advances in Quantitative Remote Sensing (RAQRS' IV)
Type of event: Conference **Geographical area:** Internacional
Type of participation: 'Participatory - poster
City of event: Spain
Date of event: 2015
End date: 2015
Organising entity: UNVA - Universitat de València **Type of entity:** University
J. C. Jiménez-Muñoz; J. A. Sobrino; C. Mattar; Y. Malhi.
- 24** **Title of the work:** Thermal Infra-Red Band Calibration and LST Validation of Landsat-7 ETM+ instrument using different atmospheric profiles
Name of the conference: 35th EARSeL Symposium "European Remote Sensing: Progress, Challenges and Opportunities"
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: Stockholm, Sweden
Date of event: 2015
End date: 2015



D. Skokovic; J. A. Sobrino; J. C. Jiménez-Muñoz; G. Sòria; Y. Julien.

- 25** **Title of the work:** Thermal Remote Sensing: cal/val, algorithms & applications
Name of the conference: XVII Simpósio Brasileiro de Sensoriamento Remoto (SBSR)
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - invited/keynote talk
City of event: Joao Pessoa, Brazil
Date of event: 2015
End date: 2015
J. C. Jiménez-Muñoz; J. A. Sobrino; G. Sòria; D. Skokovic; Y. Julien.
- 26** **Title of the work:** Validación de productos LST en el marco del proyecto CEOS-SPAIN para su distribución a través de un geoportal
Name of the conference: XVI Congreso de la Asociación Española de Teledetección
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - poster
City of event: Spain
Date of event: 2015
End date: 2015
Organising entity: 3059 - Asociación Española de Teledetección
Y. Julien; J. A. Sobrino; J. C. Jiménez-Muñoz; G. Soria; D. Skokovic; J. Sevilla; A. Plaza.
- 27** **Title of the work:** Análisis del producto MODIS de perfiles atmosféricos: aplicación a la Península Ibérica
Name of the conference: XIV Congreso Nacional de Teledetección
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - oral communication
City of event: Mieres, Spain
Date of event: 2011
End date: 2011
J. C. Jiménez-Muñoz; J. A. Sobrino; C. Mattar; B. Franch; G. Sòria; V. Hidalgo; R. Oltra-Carrió; Y. Julien.
"Bosques y cambio climático, pp. 445-448. Depósito legal: AS-3588-2011."
- 28** **Title of the work:** Evaluación de la Evapotranspiración obtenida a partir de la base de datos Pathfinder AVHRR Land (PAL)
Name of the conference: XIV Congreso Nacional de Teledetección
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - oral communication
City of event: Mieres, Spain
Date of event: 2011
End date: 2011
V. Hidalgo; J. A. Sobrino; J. C. Jiménez-Muñoz; Y. Julien; C. Mattar; B. Franch; G. Soria; R. Oltra-Carrió; J. Cuenca.
- 29** **Title of the work:** MAPRI, una base de datos para corregir imágenes remotas y análisis de series de tiempo sobre Europa
Name of the conference: XIV Congreso Nacional de Teledetección
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - oral communication
City of event: Mieres, Spain
Date of event: 2011
End date: 2011



C. Mattar; J. A. Sobrino; J. C. Jiménez-Muñoz; Y. Julien; G. Sòria; B. Franch; V. Hidalgo; R. Oltra-Carrió; J. Cuenca.

- 30** **Title of the work:** Teledetección térmica en la Reserva Biológica de Doñana
Name of the conference: XIV Congreso Nacional de Teledetección
Type of event: Conference **Geographical area:** National
Type of participation: 'Participatory - poster
City of event: Mieres, Spain
Date of event: 2011
End date: 2011
J. A. Sobrino; G. Sòria; J. C. Jiménez-Muñoz; J. Amorós; J. Bustamante; R. Díaz.
- 31** **Title of the work:** Using NASA's Long Term Data Record version 3 for the monitoring of land surface vegetation
Name of the conference: 6th International Workshop on the Analysis of Multi-Temporal Remote Sensing Images (MULTITEMP 2011)
Type of event: Conference **Geographical area:** Internacional
Type of participation: 'Participatory - poster
City of event: Trento, Italy
Date of event: 2011
End date: 2011
J. A. Sobrino; Y. Julien; C. Mattar; R. Oltra-Carrió; J. C. Jiménez-Muñoz; G. Sòria; B. Franch; V. Hidalgo.
- 32** **Title of the work:** A Split-Window Algorithm for Land Surface Temperature Retrieval from MetOp/AVHRR-3 Data
Name of the conference: 2nd EPS/Metop RAO Workshop 20-22 Mayo 2009
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: Barcelona, Spain
Date of event: 2009
End date: 2009
Organising entity: 0357 - EUMETSAT
J. C. Jiménez-Muñoz; J. A. Sobrino. "ESA".
- 33** **Title of the work:** A methodology to estimate daily evapotranspiration from AHS data: Application to the Agrisar and CEFLES 2 Campaigns
Name of the conference: International Conference on land Surface Radiation and Energy Budget
Type of event: Conference **Geographical area:** Internacional
Type of participation: 'Participatory - poster
City of event: Beijing, China
Date of event: 2009
End date: 2009
J.A. Sobrino; V. Hidalgo; B. Franch; JC Jiménez-Muñoz; G. Soria; Y. Julien; M. Romaguera; R. Oltra. C. Mattar; J Cuenca; Z. Su; A. Olios. "ICUC".
- 34** **Title of the work:** DATABASE OF ATMOSPHERIC PROFILES OVER EUROPE FOR CORRECTION OF LANDSAT THERMAL DATA
Name of the conference: 33RD International Symposium on Remote Sensing of Environment
Type of event: Conference **Geographical area:** Internacional
Type of participation: 'Participatory - poster
City of event: Stresa, Italy
Date of event: 2009



End date: 2009

C. MATTAR; J. A. SOBRINO; Y.; JULIEN; J.C. JIMENEZ; G. SORIA. J. CUENCA; M. ROMAGUERA; V. HIDALGO; B. FRANCH; R. OLTRA. "ISPRS".

- 35** **Title of the work:** DESIREX 2008: Estudio de la isla de calor en la ciudad de Madrid
Name of the conference: XIII Congreso Nacional de Teledetección (Calatayud, 23-26, Septiembre 2009)
Teledetección, agua y Desarrollo sostenible
Type of event: Conference **Geographical area:** National
Type of participation: 'Participatory - poster
City of event: Calatayud, Spain
Date of event: 2009
End date: 2009
J. A. Sobrino; G. Sòria; R. Oltra; C. Mattar; J. C. Jiménez-Muñoz; Y. Julien; J. Cuenca; M. Romaguera; V. Hidalgo; B. Franch; J. P. Gastellu-Etchegorry. "MU-2096-2009, ISBN 978-84-613-4257-0".
- 36** **Title of the work:** DESIREX 2008: Study of the Urban heat island in Madrid (Spain).
Name of the conference: The 7th International Conference on Urban Climate (ICUC-7)
Type of event: Conference **Geographical area:** Internacional
Type of participation: 'Participatory - poster
City of event: Yokohama, Japan
Date of event: 2009
End date: 2009
J.A. Sobrino; R. Bianchi; M. Paganini; G. Soria; R. Oltra. JC Jiménez-Muñoz; V. Hidalgo; Y. Julien; A. B. Ruescas; B. Franch; C. Mattar. "ICUC".
- 37** **Title of the work:** EVAPOTRANSPIRATION MONITORING OVER THE ALPILLES-CRAU-CAMARGUE AREA FROM REMOTE SENSING DATA
Name of the conference: 2009 IEEE INTERNATIONAL GEOSCIENCE AND REMOTE SENSING SYMPOSIUM
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: CAPE TOWN, South African Republic
Date of event: 2009
End date: 2009
A. OLIOSO; A. BSAIBES; E. KPEMLIE; D. COUREAULT; O. MARLOIE; D. CHAUVELON; M. PICHAUD; J. A. SOBRINO; M. GOMEZ. "IEEE".
- 38** **Title of the work:** Evaluación de productos MODIS de reflectividad superficial y espesor óptico de aerosoles en el contexto de la campaña CEFLES2.
Name of the conference: XIII Congreso Nacional de Teledetección (Calatayud, 23-26, Septiembre 2009)
Teledetección, agua y Desarrollo sostenible
Type of event: Conference **Geographical area:** National
Type of participation: 'Participatory - poster
City of event: Calatayud, Spain
Date of event: 2009
End date: 2009
B. Franch; J. A. Sobrino; G. Sòria; R. Oltra; C. Mattar; J. C. Jiménez-Muñoz; Y. Julien; J. Cuenca; M. Romaguera; V. Hidalgo; J. P. Gastellu-Etchegorry. "MU-2096-2009, ISBN 978-84-613-4257-0".
- 39** **Title of the work:** Evaluación del modelo DART en el infrarrojo térmico.
Name of the conference: XIII Congreso Nacional de Teledetección (Calatayud, 23-26, Septiembre 2009)
Teledetección, agua y Desarrollo sostenible



Type of event: Conference

Geographical area: National

Type of participation: 'Participatory - poster

City of event: Calatayud, Spain

Date of event: 2009

End date: 2009

C. Mattar; J. A. Sobrino; J. C. Jiménez-Muñoz; Y. Julien; G. Sòria; J. Cuenca; M. Romaguera; V. Hidalgo; B. Franch; R. Oltra; J. P. Gastellu-Etchegorry. "MU-2096-2009, ISBN 978-84-613-4257-0".

40 Title of the work: Obtención de la temperatura de la superficie terrestre a partir de la serie histórica Landsat.

Name of the conference: XIII Congreso Nacional de Teledetección (Calatayud, 23-26, Septiembre 2009) Teledetección, agua y Desarrollo sostenible

Type of event: Conference

Geographical area: National

Type of participation: Participatory - oral communication

City of event: Calatayud, Spain

Date of event: 2009

End date: 2009

J. C. Jiménez-Muñoz; J. A. Sobrino; J. Cristóbal; G. Sòria; M. Ninyerola; X. Pons; V. Hidalgo; B. Franch; M. Romaguera; R. Oltra-Carrió; Y. Julien; C. Mattar. "MU-2096-2009, ISBN 978-84-613-4257-0".

41 Title of the work: Soil emissivity spectra for ground and remote sensing thermal calibration

Name of the conference: 2nd Workshop on remote Sensing and Modeling of Surface Properties 9-11 June 2009

Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - oral communication

City of event: Toulouse, France

Date of event: 2009

End date: 2009

J.A. Sobrino; C. Mattar; JC Jiménez-Muñoz; G. Soria; Y. Julien; V. Hidalgo; B. Franch; M. Romaguera; R. Oltra. J Cuenca. "METEO FRANCE".

42 Title of the work: TEST OF THE SAIL-THERMIQUE RADIATIVE TRANSFER MODEL FOR SIMULATING THERMAL INFRARED EMISSIVITY AND EMISSIVITY SPECTRA OF PLANT CANOPIES'EVAPOTRANSPIRATION MONITORING OVER THE ALPILLES-CRAU-CAMARGUE AREA FROM REMOTE SENSING DATA

Name of the conference: 2009 IEEE INTERNATIONAL GEOSCIENCE AND REMOTE SENSING SYMPOSIUM

Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - oral communication

City of event: CAPE TOWN, South African Republic

Date of event: 2009

End date: 2009

Albert Olioso; Jose Sobrino; Guilhem Soria; Michaël Chelle; Benoit Duchemin; Frederic Jacob. "IEEE".

43 Title of the work: Teldetecion termica para el estudio de la biosfera: primera experiencia docente en el Máster en teledetección de la Universitat de Valencia

Name of the conference: XXXII Bienal de la real Sociedad Española de Física

Type of event: Conference

Geographical area: National

Type of participation: 'Participatory - poster

City of event: Ciudad Real, Spain

Date of event: 2009

End date: 2009



JC Jiménez-Muñoz, J. A. Sobrino. "RSEF".

- 44** **Title of the work:** Thermal remote sensing from high resolution data in the framework of ESA field campaigns an overview from 1998 to present
Name of the conference: Workshop on the retrieval of Geophysical variables Using High Spatial resolution Optical Imagery
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: Noordwijk, Holland
Date of event: 2009
End date: 2009
J.A. Sobrino; C. Mattar; JC Jiménez-Muñoz; G. Soria; Y. Julien; V. Hidalgo; B. Franch; M. Romaguera; R. Oltra. J Cuenca. "ESA".
- 45** **Title of the work:** Urban heat island and urban thermography project DESIREX 2008.
Name of the conference: 33RD International Symposium on Remote Sensing of Environment
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - poster
City of event: Stresa, Italy
Date of event: 2009
End date: 2009
J.A. Sobrino; R. Bianchi; M. Paganini; G. Soria; R. Oltra. JC Jiménez-Muñoz; V. Hidalgo; Y. Julien; A. B. Ruescas; B. Franch; C. Mattar. "ISPRS".
- 46** **Title of the work:** AATSR land surface temperature product: comparison with sevir and modis in the framework of CEFLES2 Campaigns
Name of the conference: MERIS/(a) ATSR USER WORKSHOP
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: FRASCATTI, Italy
Date of event: 2008
End date: 2008
G. Soria; J. A. Sobrino; M. Atitar; J. C. Jimenez-muñoz; V. Hidalgo; Y. Julien; A. B. Ruescas; B. Franch; C. Mattar; R. Oltra. "ESA".
- 47** **Title of the work:** A Comparison of SEVIRI, AVHRR and MODIS LST Products
Name of the conference: Information Communication Technologies International Symposium (ICTIS'07).
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: Fez, Morocco
Date of event: 2007
End date: 2007
M. Atitar; J. A. Sobrino; G. Soria; Y. Julien; N. Raissouni. "IEEE (ISBN9954-8577-0-2)".
- 48** **Title of the work:** AATSR derived land surface temperature over a heterogeneous region
Name of the conference: ENVISAT ESA Symposium
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: Montreux, Switzerland
Date of event: 2007
End date: 2007



J. A. Sobrino; G. Sòria; J. C. Jiménez-Muñoz; B. Franch; V. Hidalgo; E. Noyes.

- 49** **Title of the work:** AgriSAR 2006: airborne SAR and optics campaigns for an improved monitoring of agricultural processes and practices
Name of the conference: AGRISAR and EAGLE Campaigns Final Workshop
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: Noordwijk, Holland
Date of event: 2007
End date: 2007
I. Hajsek; R. Bianchi; M. Davidson; G. D'Urso; J.A. Gomez-Sanchez; A. Hausold; R. Horn; J. Howse; A. Löw; J.M. Lopez-Sanchez; R. Ludwig; J.A. Martinez-Lozano; F. Mattia; E. Miguel; J. Moreno; J. A. Sobrino; others. "ESA".
- 50** **Title of the work:** Airborne Hyperspectral Scanner (AHS) spectral emissivity retrieval in 8-13 um.
Name of the conference: 10th International Symposium on Physical Measurements and Signatures in Remote Sensing (ISPMSRS'07)
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - poster
City of event: Davos, Switzerland
Date of event: 2007
End date: 2007
M. Jiménez; J. Chico; E. de Miguel; J. A. Gómez; J. A. Sobrino; J. C. Jiménez-Muñoz; E. Prado; C. Robles.
- 51** **Title of the work:** Application of high-resolution thermal infrared remote sensing to assess land surface temperature and emissivity in different natural environments
Name of the conference: 10th International Symposium on Physical Measurements and Signatures in Remote Sensing (ISPMSRS'07)
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: Davos, Switzerland
Date of event: 2007
End date: 2007
J. A. Sobrino; J. C. Jiménez-Muñoz; M. Gómez; A. Barella-Ortiz; G. Sòria; Y. Julien; M. M. Zaragoza-Ivorra; J. A. Gómez; E. de Miguel; M. Jiménez; B. Su; W. Timmermans; J. Moreno; L. Guanter; R. Bianchi.
- 52** **Title of the work:** Changes in the global vegetal cover through a phenological analysis of GIMMS data.
Name of the conference: MULTITEMP 2007, Fourth International Workshop on the Analysis of Multi-Temporal Remote Sensing Images.
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: Leuven, Belgium
Date of event: 2007
End date: 2007
Y. Julien, J.A. Sobrino. "IEEE".
- 53** **Title of the work:** Correcting NOAA-AVHRR orbital drift: a simple and automatic methodology.
Name of the conference: MULTITEMP 2007, Fourth International Workshop on the Analysis of Multi-Temporal Remote Sensing Images.
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: Leuven, Belgium



Date of event: 2007

End date: 2007

Y. Julien; J.A. Sobrino; F. Nerry. "IEEE".

54 Title of the work: Detecting Crop Irrigation Status in Orchard Canopies with Airborne and ASTER Thermal Imagery

Name of the conference: IEEE International Geoscience and Remote Sensing Symposium (IGARSS)

Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - oral communication

City of event: Barcelona, Spain

Date of event: 2007

End date: 2007

G. Sepulcre-Cantó; P. J. Zarco-Tejada; J. A. Jiménez-Berni; J. C. Jiménez-Muñoz; J. A. Sobrino; A. J. Rodríguez; V. Cifuentes. "Geoscience and Remote Sensing Symposium, 2007. IGARSS 2007. IEEE International,".

55 Title of the work: Diurnal relationships between PRI, canopy temperature and O2-A fluorescence in-filling for water stress detection using airborne imagery

Name of the conference: 3rd FLEX Workshop

Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - oral communication

City of event: Florencia, Italy

Date of event: 2007

End date: 2007

P. J. Zarco-Tejada; L. Suárez; G. Sepulcre-Cantó; O. Pérez-Priego; J. R. Miller; J. A. Sobrino; J. C. Jiménez-Muñoz. "ESA".

56 Title of the work: Drought Monitoring and Prediction over China.

Name of the conference: 2007 Dragon Symposium, ESA-NRSCC (National Remote Sensing Center of China) Dragon Cooperation programme.

Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - oral communication

City of event: Aix en Provence, France

Date of event: 2007

End date: 2007

Z. Bob Su; Youqi Chen; Massimo Menenti; Jose Sobrino; Zhao-Liang Li; Wout Verhoef; Rogier van der Velde; Xin Shan; Liming Wang; Yaoming Ma; Li Wan; Yanbo He; Qinhua Liu; Caixing Li; Jun WEN. "ESA".

57 Title of the work: EAGLE 2006 - Multi-purpose, multi-angle and multi-sensor in-situ and airborne campaigns over grassland and forest

Name of the conference: AGRISAR and EAGLE Campaigns Final Workshop

Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - oral communication

City of event: Noordwijk, Holland

Date of event: 2007

End date: 2007

Z. Su; W.J. Timmermans; R. Dost; R. Bianchi; J.A. Gómez; A. House; I. Hajnsek; M. Menenti; V. Magliulo; M. Esposito; R. Haarbrink; F. Bosveld; R. Rothe; H.K. Baltink; Z. Vekerdy; J.A. Sobrino; others. "ESA".

58 Title of the work: Surface temperature in the context of Fluorescence Explorer (FLEX) mission

Name of the conference: IEEE International Geoscience and Remote Sensing Symposium (IGARSS)

Type of event: Conference

Geographical area: Internacional



Type of participation: Participatory - oral communication

City of event: Barcelona, Spain

Date of event: 2007

End date: 2007

J. A. Sobrino; G. Sòria; J. C. Jiménez-Muñoz; B. Franch; V. Hidalgo; G. Sepulcre-Cantó; P. J. Zarco-Tejada; J. Moreno; I. Moya.

59 Title of the work: Temperature and Emissivity from AHS data in the framework of the AGRISAR and EAGLE campaigns

Name of the conference: AGRISAR and EAGLE Campaigns Final Workshop

Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - oral communication

City of event: Noordwijk, Holland

Date of event: 2007

End date: 2007

J. A. Sobrino; J. C. Jiménez; V. Hidalgo; A. Barela-Ortiz; G. Sòria; M. Romaguera; B. Franch. "ESA".

60 Title of the work: Thermal remote sensing in support of Fluorescence Explorer Mision

Name of the conference: 3rd FLEX Workshop

Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - oral communication

City of event: Florencia, Italy

Date of event: 2007

End date: 2007

J. A. Sobrino; G. Sòria; J. C. Jiménez-Muñoz; J. Moreno; I. Moya. "ESA".

61 Title of the work: Thermal remote sensing in support of Fluorescence Explorer Mision

Name of the conference: 3rd FLEX Workshop

Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - oral communication

City of event: Florencia, Italy

Date of event: 2007

End date: 2007

Zarco-Tejada, P.J.; Suárez, L.; Sepulcre-Cantó, G.; Pérez-Priego, O.; Miller, J.R.; Sobrino J.; Jiménez-Muñoz, J.C."ESA".

62 Title of the work: Water and energy budget from airborne optical imagery during AGRISAR2006

Name of the conference: AGRISAR and EAGLE Campaigns Final Workshop

Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - oral communication

City of event: Noordwijk, Holland

Date of event: 2007

End date: 2007

W. J. Timmermans; J. C. Jiménez-Muñoz; G. Fernández; V. Pauwels; A. Löw; J. A. Sobrino. "ESA".

63 Title of the work: A new method for NOAA orbital drift correction on land surface temperature estimation

Name of the conference: Second International Symposium on Recent Advances in Quantitative Remote Sensing. Auditori de Torrent-Valencia, España, 25-29 Septiembre 2006

Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - invited/keynote talk

City of event: Torrent, Spain



Date of event: 2006

End date: 2006

Y. Julien; J. A. Sobrino. "Second Recent Advances in Quantitative Remote Sensing, servei de publicacions de la Universitat de València, pp. 866-871, ISBN: 84-370-6533-X."

64 Title of the work: Ad-hoc deployment wireless network for land surface temperature in-situ measurements.

Name of the conference: Second International Symposium on Recent Advances in Quantitative Remote Sensing. Auditori de Torrent-Valencia, España, 25-29 Septiembre 2006

Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - invited/keynote talk

City of event: Torrent, Spain

Date of event: 2006

End date: 2006

A. CHAHBOUN; N; RAISSOUNI; J. A. SOBRINO; N. BEN ACHHAB; A. AZYAT; M. LAHAROUA. "Second Recent Advances in Quantitative Remote Sensing, servei de publicacions de la Universitat de València, pp. 221-226, ISBN: 84-370-6533-X."

65 Title of the work: An experimental study of radiometric temperature variation in the thermal infrared

Name of the conference: Second International Symposium on Recent Advances in Quantitative Remote Sensing. Auditori de Torrent-Valencia, España, 25-29 Septiembre 2006

Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - poster

City of event: Torrent, Spain

Date of event: 2006

End date: 2006

J. Cuenca; J. A. Sobrino. "Abstract book, Global Change Unit, pp. 85, Depósito legal: V-3702-2006."

66 Title of the work: Automatic temporal analysis software package for satellite remote sensing ATA-SRS.

Name of the conference: Second International Symposium on Recent Advances in Quantitative Remote Sensing. Auditori de Torrent-Valencia, España, 25-29 Septiembre 2006

Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - invited/keynote talk

City of event: Torrent, Spain

Date of event: 2006

End date: 2006

N. BEN ACHHAB; N; RAISSOUNI; J. A. SOBRINO; A. AZYAT; M. LAHAROUA; A. CHAHBOUN; M. ATITAR. "Second Recent Advances in Quantitative Remote Sensing, servei de publicacions de la Universitat de València, pp. 210-215, ISBN: 84-370-6533-X."

67 Title of the work: Comparison of retrieved AATSR land surface temperature and operational products over a heterogeneous site

Name of the conference: Second International Symposium on Recent Advances in Quantitative Remote Sensing. Auditori de Torrent-Valencia, España, 25-29 Septiembre 2006

Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - invited/keynote talk

City of event: Torrent, Spain

Date of event: 2006

End date: 2006

G. Sòria; J. A. Sobrino. "Second Recent Advances in Quantitative Remote Sensing, servei de publicacions de la Universitat de València, pp. 897-902, ISBN: 84-370-6533-X."



- 68** **Title of the work:** Daily evapotranspiration retrieval from AHS and ASTER data.
Name of the conference: Second International Symposium on Recent Advances in Quantitative Remote Sensing. Auditori de Torrent-Valencia, España, 25-29 Septiembre 2006
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - invited/keynote talk
City of event: Torrent, Spain
Date of event: 2006
End date: 2006
M. Gómez; J. A. Sobrino; J. C. Jiménez-Muñoz; A. Olioso. "Second Recent Advances in Quantitative Remote Sensing, servei de publicacions de la Universitat de València, pp. 444-449, ISBN: 84-370-6533-X."
- 69** **Title of the work:** Determination of the CO2 Fluxes by means NOAA/AVHRR-1 Km imagery in the natural park of La Albufera.
Name of the conference: Second International Symposium on Recent Advances in Quantitative Remote Sensing. Auditori de Torrent-Valencia, España, 25-29 Septiembre 2006
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - invited/keynote talk
City of event: Torrent, Spain
Date of event: 2006
End date: 2006
M. M. Zaragoza-Ivorra; J. A. Sobrino; M. J. Sanz; J. V. Chordá. "Second Recent Advances in Quantitative Remote Sensing, servei de publicacions de la Universitat de València, pp. 608-613, ISBN: 84-370-6533-X."
- 70** **Title of the work:** Drought Monitoring and Prediction over China
Name of the conference: 3rd annual Dragon Symposium ESA Lijiang city, P.R. China, from 10 to 14 July. 2006
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: Lijiang city, China
Date of event: 2006
End date: 2006
Z. Su; R. van der Velde; T. Rientjes; M. van Helvoirt; W. Lin; Y. Chen; Y. Ma; J. Wen; Y. He; Q. Liu; L. Wan; J. Sobrino. "ESA <http://earth.esa.int/dragon/symp2006/programme.html>".
- 71** **Title of the work:** Exploitation of the daily cycle data from SEVIRI sensor
Name of the conference: Second International Symposium on Recent Advances in Quantitative Remote Sensing. Auditori de Torrent-Valencia, España, 25-29 Septiembre 2006
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - poster
City of event: Torrent, Spain
Date of event: 2006
End date: 2006
M. Romaguera; J. A. Sobrino. "Abstract book, Global Change Unit, pp. 85, Depósito legal: V-3702-2006."
- 72** **Title of the work:** Exploitation of angular effects in land surface observations from satellites- EAGLE
Name of the conference: Second International Symposium on Recent Advances in Quantitative Remote Sensing.
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - poster
City of event: Torrent, Spain
Date of event: 2006
End date: 2006



J. A. Sobrino; M. M. Zaragoza-Ivorra; Y. Julien; J. C. Jiménez-Muñoz; M. Gómez; M. Romaguera; J. Cuenca; J. El Kharraz; M. Atitar; G. Soria; B. Su; A. Gieske; L. Jia; Z. L.; Li; F. Nerry; W. Verhoef. "Abstract book, Global Change Unit, pp. 85, Depósito legal: V-3702-2006."

- 73** **Title of the work:** Land surface emissivity retrieval from satellite data and ground-based measurements
Name of the conference: 1st Workshop on Remote Sensing and Modeling of Surface Properties Paris (Francia), 20-22 junio 2006.
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: PARIS, France
Date of event: 2006
End date: 2006
J.A. Sobrino. "<http://cimss.ssec.wisc.edu/itwg/groups/rtwg/meetings/sfcem/>".
- 74** **Title of the work:** Land-Atmosphere exchanges of water, energy and carbon dioxide in space and time over the heterogeneous Barrax site during SPARC 2004 and SEN2FLEX 2005
Name of the conference: Second International Symposium on Recent Advances in Quantitative Remote Sensing. Auditori de Torrent-Valencia, España, 25-29 Septiembre 2006
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - invited/keynote talk
City of event: Torrent, Spain
Date of event: 2006
End date: 2006
Z. Su; A. Gieske; W. Timmermans; J. Timmermans; R. van der Velde; L. Jia; J. Elbers; X. Jin; H. van der Kwast; A. Olioso; J. A. Sobrino; J. Moreno; F. Nerry; D. Sabol; R. Bianchi. "Second Recent Advances in Quantitative Remote Sensing, servei de publicacions de la Universitat de València, pp. 484-491, ISBN: 84-370-6533-X".
- 75** **Title of the work:** Modelling land surface emissivity spectra using combined leaf and plat canopy radiative transfer models
Name of the conference: Second International Symposium on Recent Advances in Quantitative Remote Sensing. Auditori de Torrent-Valencia, España, 25-29 Septiembre 2006
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - invited/keynote talk
City of event: Torrent, Spain
Date of event: 2006
End date: 2006
A. Olioso; F. Baret; S. Jacquemond; J. Sobrino; G. Soria; M. Chelle; B. Duchemin; F. Jacob. "Abstract book, Global Change Unit, pp. 85, Depósito legal: V-3702-2006."
- 76** **Title of the work:** Monitoring water stress as an indicator of fruit quality in olive and peach orchards using thermal remote sensing imagery.
Name of the conference: Second International Symposium on Recent Advances in Quantitative Remote Sensing. Auditori de Torrent-Valencia, España, 25-29 Septiembre 2006
Type of event: Conference **Geographical area:** Internacional
Type of participation: 'Participatory - poster
City of event: Torrent, Spain
Date of event: 2006
End date: 2006
G. Sepulcre-Cantó; P. J. Zarco-Tejada; J. C. Jimenez-Muñoz; J. A. Sobrino; V. Vega; M. Pastor; M. A. Soriano; E. Fereres. "Abstract book, Global Change Unit, pp. 85, Depósito legal: V-3702-2006."



- 77** **Title of the work:** Processing of the AHS VNIR and TIR data for surface temperature/emissivity and Evapotranspiration retrieval.
Name of the conference: SEN2FLEX final workshop, 2006. ESA/ESTEC, Noordwijk, The Netherlands
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - invited/keynote talk
City of event: Enshede, The Netherlands, Holland
Date of event: 2006
End date: 2006
J. C. Jimenez-Muñoz; J. A. Sobrino; M. Gómez; A. Barella-Ortiz; Q. Shen; L. Morales; G. Fernandez; L. Guanter; J. Moreno. "ESA Publications Division".
- 78** **Title of the work:** Study on Thermal heterogeneity of vineyard canopy in complex terrain: Measurements and modelling.
Name of the conference: EGU General Assembly Geophysical Research Abstracts, Vol. 8, 10084, 2006. Vienna, Austria, 2-7 abril 2006.
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: VIENA, Austria
Date of event: 2006
End date: 2006
L. Jia; Z. Su; J. Elbers; A. Gieske; W. Timmermans; A. Olioso; F. Nerry; J. Sobrino. "European Geosciences Union 2006, SRef-ID: 1607-7962/gra/EGU06-A-10084".
- 79** **Title of the work:** Temperature and emissivity retrieval from ASTER data over agricultural areas: standard products and alternative methods.
Name of the conference: Second International Symposium on Recent Advances in Quantitative Remote Sensing. Auditori de Torrent-Valencia, España, 25-29 Septiembre 2006
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - invited/keynote talk
City of event: Torrent, Spain
Date of event: 2006
End date: 2006
J. C. Jimenez-muñoz; J. A Sobrino; A. Gillespie; D. SABOL; W. T. GUSTAFSON; L. BALICK; J. J. PASAPERA-GONZÁLEZ. "Second Recent Advances in Quantitative Remote Sensing, servei de publicacions de la Universitat de València, pp. 137-141, ISBN: 84-370-6533-X".
- 80** **Title of the work:** The Use of Remotely Sensed data for Integrated Hydrological Modeling in Arid and Semi-Arid Regions: the SUDMED Program.
Name of the conference: Second International Symposium on Recent Advances in Quantitative Remote Sensing. Auditori de Torrent-Valencia, España, 25-29 Septiembre 2006
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - invited/keynote talk
City of event: Torrent, Spain
Date of event: 2006
End date: 2006
A. Chehbouni; R. Escadafal; G. Boulet; B. Duchemin; V. Simmonaux; G. Dedieu; B. Mougenot; S. Khabba; H.Kharrou; O. Merlin; A. Chaponnière; J. Ezzahar; S. Erraki; J. Hoedjes; J. Sobrino; others. "Second Recent Advances in Quantitative Remote Sensing, servei de publicacions de la Universitat de València, pp. 478-483, ISBN: 84-370-6533-X".



- 81 Title of the work:** The use of the scintillation technique for estimating evapotranspiration ET over several agricultural fields
Name of the conference: Second International Symposium on Recent Advances in Quantitative Remote Sensing. Auditori de Torrent-Valencia, España, 25-29 Septiembre 2006
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - invited/keynote talk
City of event: Torrent, Spain
Date of event: 2006
End date: 2006
J. Ezzahar; A. Chehbouni; J. C. B. Hoedjes; S. Er-Raki; G. Boulet; B. Duchemin; A. Olioso; J. A. Sobrino. "Abstract book, Global Change Unit, pp. 85, Depósito legal: V-3702-2006."
- 82 Title of the work:** Thermal data collected in the framework of the sen2flex project: field measurements and airborne imagery.
Name of the conference: SEN2FLEX final workshop, 2006. ESA/ESTEC, Noordwijk, The Netherlands
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - invited/keynote talk
City of event: Enshede, The Netherlands, Holland
Date of event: 2006
End date: 2006
J. A. Sobrino; G. Sòria; J. C. Jimenez-Muñoz; J. Cuenca; M. Gómez; M. Zaragoza; M. Romaguera; Y. Julien; A. Barella-Ortiz; Q. Shen; L. Morales; A. Gillespie; L. Balick; L. Peres; R. Libonati; F. Nerry; M. Fortier. "ESA Publications Division".
- 83 Title of the work:** Thermal remote sensing in the framework of the SEN2FLEX project: Field measurements, airborne data and applications.
Name of the conference: Second International Symposium on Recent Advances in Quantitative Remote Sensing. Auditori de Torrent-Valencia, España, 25-29 Septiembre 2006
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: Torrent, Spain
Date of event: 2006
End date: 2006
J. A. Sobrino; J. Cuenca; G. Sòria; J. C. Jiménez-Muñoz; M. Gómez; M. Zaragoza; M. Romaguera; Y. Julien; Q. Shen; A. Barella-Ortiz; L. Morales; A. Gillespie; L. Balick; L. Peres; R. Libonati; F. Nerry; M. Fortier. "Second Recent Advances in Quantitative Remote Sensing, servei de publicacions de la Universitat de València, pp. 142-146, ISBN: 84-370-6533-X."
- 84 Title of the work:** Validation of AATSR LST over heterogeneous sites.
Name of the conference: Second working meeting on MERIS and AATSR Calibration and Geophysical Validation (MAVT-2006). ESRIN, Frascati, Italy, 20-24 marzo 2006.
Type of event: Conference **Geographical area:** Internacional
Type of participation: Participatory - oral communication
City of event: FRACATI, Italy
Date of event: 2006
End date: 2006
J. A. Sobrino; G. Soria. "ESA".
- 85 Title of the work:** Validation of a temperature emissivity separation hybrid method from airborne hyperspectral scanner data and ground measurements in the SEN2FLEX field campaigns
Name of the conference: Second International Symposium on Recent Advances in Quantitative Remote Sensing. Auditori de Torrent-Valencia, España, 25-29 Septiembre 2006



Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - invited/keynote talk

City of event: Torrent, Spain

Date of event: 2006

End date: 2006

L. F. Peres; J. A. Sobrino; R. Libonati; J. C. Jiménez-Muñoz; M. Romaguera; C. C. Da Camara. "Second Recent Advances in Quantitative Remote Sensing, servei de publicacions de la Universitat de València, pp. 881-886, ISBN: 84-370-6533-X".

86 Title of the work: Análisis multitemporal de la vegetación en Europa a partir de Imágenes Pathfinder AVHRR Land y datos meteorológicos (Reanalysis).

Name of the conference: XXX Reunión Bienal de la Real Sociedad Española de Física

Type of event: Conference

Geographical area: National

Type of participation: 'Participatory - poster

City of event: Ourense, Spain

Date of event: 2005

End date: 2005

J. A. Sobrino; M. Gómez; J. C. Jiménez-Muñoz; G. Sòria; J. El Kharraz; M. Romaguera. "Real Sociedad Española de Física, pp. 465-466, 2005, ISBN: 84-689-3266-3".

87 Title of the work: Analyzing angular and up-scaling effects in the thermal infrared region from DAIS data

Name of the conference: European Geophysical Society Symposium. EGS-AGU-EUG

Type of event: Conference

Geographical area: Internacional

Type of participation: 'Participatory - poster

City of event: Nice, France

Date of event: 2003

End date: 2003

J. A. Sobrino; J. C. Jiménez-Muñoz; J. El Kharraz; M. Gómez; M. Romaguera; G. Sòria. "Libro de Proceedings. Vol. 5, 14048".

88 Title of the work: Estimation of the evapotranspiration from DAIS data

Name of the conference: European Geophysical Society Symposium. EGS-AGU-EUG

Type of event: Conference

Geographical area: Internacional

Type of participation: 'Participatory - poster

City of event: Nice, France

Date of event: 2003

End date: 2003

J. A. Sobrino; M. Gómez; J. C. Jiménez-Muñoz; G. Sòria; J. El Kharraz; M. Romaguera. "Libro de Proceedings. Vol. 5, 14050".

89 Title of the work: WOFOST test from in situ and remotely sensed data obtained in the framework of the DAISEX experiment in Barrax

Name of the conference: SPIE 10th International Symposium Remote Sensing

Type of event: Conference

Geographical area: Internacional

Type of participation: 'Participatory - poster

City of event: Barcelona, Spain

Date of event: 2003

End date: 2003

A. Schneeweiss; J. A. Sobrino; B. Su; C. A. Diepen. "Libro de Abstracts".

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1** **Committee title:** Mission Advisory Group of the High Spatio-Temporal Resolution LST Monitoring
Geographical area: international
Affiliation entity: European Space Agency **Type of entity:** Agency
Start-End date: 2018 - 31/12/2019
- 2** **Committee title:** Groupe Mission TRISHNA (Thermal infraRed Imaging Satellite for High-resolution Natural resource Assessment)
Geographical area: European Union
Affiliation entity: CNES **Type of entity:** State agency
City affiliation entity: Paris, France
Start-End date: 01/01/2017 - 2019
- 3** **Committee title:** Mission Expert Group of the High Spatio-Temporal Resolution LST Monitoring
Geographical area: international
Affiliation entity: European Space Agency **Type of entity:** Agency
Start-End date: 16/05/2017 - 31/05/2018
- 4** **Committee title:** CEOS Land Product Validation/ Temperature and Emissivity (CEOS LPV-LST)
Geographical area: international
Affiliation entity: Committee on Earth Observation Satellites (CEOS) **Type of entity:** Committee
Start-End date: 01/02/2009 - 31/12/2015
- 5** **Committee title:** Groupe Mission MISTIGRI (Micro Satellite for Thermal Infrared Ground surface Imaging)
Geographical area: European Union
Affiliation entity: CNES **Type of entity:** State agency
City affiliation entity: Paris, France
Start-End date: 13/02/2008 - 16/06/2010
- 6** **Committee title:** Earth Science Advisory Committee (ESAC)
Geographical area: international
Affiliation entity: European Space Agency **Type of entity:** Agency
City affiliation entity: Paris, France
Start-End date: 01/02/2003 - 17/05/2007
- 7** **Committee title:** Comité de Innovación en Movilidad, Transporte e Infraestructuras
Affiliation entity: Generalitat Valenciana **Type of entity:** Publico
City affiliation entity: Valencia, Valencian Community, Spain
Start date: 16/10/2020
- 8** **Committee title:** Alto Consejo Consultivo en Investigación, Desarrollo e Innovación de la Presidencia de la Generalitat
Affiliation entity: Generalitat Valenciana **Type of entity:** Publico
City affiliation entity: Valencia, Valencian Community, Spain
Start date: 26/06/2020



- 9** **Committee title:** Mission Advisory Group of the High Spatio-Temporal Resolution LST Monitoring
Geographical area: international
Affiliation entity: European Space Agency **Type of entity:** Agency
Start date: 22/02/2020
- 10** **Committee title:** Groupe Mission TRISHNA (Thermal infraRed Imaging Satellite for High-resolution Natural resource Assessment)
Geographical area: European Union
Affiliation entity: CNES **Type of entity:** State agency
City affiliation entity: Paris, France
Start date: 2020
- 11** **Committee title:** Comité de Dirección de la Agencia Valenciana de Evaluación y Prospectiva (AVA)
Affiliation entity: Generalitat Valenciana **Type of entity:** Publico
City affiliation entity: Valencia, Valencian Community, Spain
Start date: 05/12/2019

Organization of R&D activities

- 1** **Title of the activity:** Sixth Internacional Symposium Recent Advances in Quantitative Remote Sensing
Type of activity: International Symposium **Geographical area:** Internacional
City of event: Torrent, Valencian Community, Spain
Convening entity: Universitat de Valencia **Type of entity:** University
City convening entity: Valencia, Valencian Community, Spain
Type of participation: Chairman
N° assistants: 200
Start-End date: 2021 - 2022 **Duration:** 5 days
- 2** **Title of the activity:** IGARSS 2018
Type of activity: International Symposium **Geographical area:** Internacional
City of event: VALENCIA, Valencian Community, Spain
Convening entity: IEEE GRSS **Type of entity:** Associations and Groups
City convening entity: United States of America
Type of participation: Chairman
N° assistants: 2.700
Start-End date: 2017 - 2018 **Duration:** 1 year - 5 days
- 3** **Title of the activity:** Fifth Internacional Symposium Recent Advances in Quantitative Remote Sensing
Type of activity: International Symposium **Geographical area:** Internacional
City of event: Torrent, Valencian Community, Spain
Convening entity: Universitat de Valencia **Type of entity:** University
City convening entity: Valencia, Valencian Community, Spain
Type of participation: Chairman
N° assistants: 200
Start-End date: 2017 - 2017 **Duration:** 5 days
- 4** **Title of the activity:** Fourth Internacional Symposium Recent Advances in Quantitative Remote Sensing
Type of activity: International Symposium **Geographical area:** Internacional
City of event: Torrent, Valencian Community, Spain



Convening entity: Universitat de Valencia **Type of entity:** University
City convening entity: Valencia, Valencian Community, Spain
Type of participation: Chairman
N° assistants: 200
Start-End date: 2014 - 2014 **Duration:** 5 days

5 **Title of the activity:** Third Internacional Symposium Recent Advances in Quantitative Remote Sensing
Type of activity: International Symposium **Geographical area:** Internacional
City of event: Torrent, Valencian Community, Spain
Convening entity: Universitat de Valencia **Type of entity:** University
City convening entity: Valencia, Valencian Community, Spain
Type of participation: Chairman
N° assistants: 200
Start-End date: 2010 - 2010 **Duration:** 5 days

6 **Title of the activity:** nuevas estrategias de observación de la tierra en la Evaluación de los sumideros de carbono
Type of activity: Jornada **Geographical area:** European Union
City of event: Madrid, Community of Madrid, Spain
Convening entity: CDTI **Type of entity:** State agency
City convening entity: Madrid, Community of Madrid, Spain
Type of participation: Organiser
N° assistants: 70
Start-End date: 17/12/2007 - 17/12/2007 **Duration:** 1 day

7 **Title of the activity:** Second Internacional Symposium Recent Advances in Quantitative Remote Sensing
Type of activity: International Symposium **Geographical area:** Internacional
City of event: Torrent, Valencian Community, Spain
Convening entity: Universitat de Valencia **Type of entity:** University
City convening entity: Valencia, Valencian Community, Spain
Type of participation: Chairman
N° assistants: 200
Start-End date: 2006 - 2006 **Duration:** 5 days

8 **Title of the activity:** First Internacional Symposium Recent Advances in Quantitative Remote Sensing
Type of activity: International Symposium **Geographical area:** Internacional
City of event: Torrent, Valencian Community, Spain
Convening entity: Universitat de Valencia **Type of entity:** University
City convening entity: Valencia, Valencian Community, Spain
Type of participation: Chairman
N° assistants: 200
Start-End date: 2002 - 2002 **Duration:** 5 days



R&D management

- 1** **Name of the activity:** Editor Jefe Revista Internacional Frontiers in Remote Sensing
Type of management: Management of body
Performed tasks: Editor Jefe
Entity: Frontiers **Type of entity:** Business
Start date: 01/09/2020
- 2** **Name of the activity:** Presidente de la Asociación Española de Teledetección
Type of management: Management of body
Performed tasks: Presidente
City of entity: Spain
Entity: Asociación Española de Teledetección **Type of entity:** Associations and Groups
Start date: 2013
Access system: By vote among several candidates
Average annual budget: 35.000 **Nº of people:** 250
Geographical area: National
- 3** **Name of the activity:** Director de la Revista de la Asociación Española de Teledetección
Type of management: Director revista
Performed tasks: Director
City of entity: Spain
Entity: Asociación Española de Teledetección **Type of entity:** Asociación
Start date: 2008 **Duration:** 5 years
Access system: By public merit
Average annual budget: 6.000 **Nº of people:** 250
Geographical area: internacional
Specific tasks: dirección revista científica
- 4** **Name of the activity:** Director de la Unidad de Cambio Global de la Universidad de Valencia
Type of management: Group management
Performed tasks: Director
City of entity: Spain
Entity: Universitat de València **Type of entity:** University
Start date: 1996
Access system: Fundador Grupo
Average annual budget: 100.000 **Nº of people:** 10
Geographical area: internacional
Specific tasks: dirección grupo



Evaluation and revision of R&D projects and articles

- 1** **Performed tasks:** DFG review panel on Clusters of Excellence - Geosciences
Entity where activity was carried out: The Deutsche Forschungsgemeinschaft (DFG, German Research Foundation <http://www.dfg.de/en/>)
City of entity: Bonn, Germany
Type of activity: review Clusters of Excellence
Access system: Designated by the corresponding party without competition
Start-End date: 2016 - 2017
Type of entity: State agency
- 2** **Name of the activity:** Audit GIO LAND PROJECT
Performed tasks: Evaluación del Global land Component of the GIO Land service
Entity where activity was carried out: SPACEBEL
City of entity: Angleur, Belgium
Type of activity: review Clusters of Excellence
Access system: Designated by the corresponding party without competition
Start-End date: 2015 - 2017
Type of entity: Business
Frequency of the activity: 4
- 3** **Name of the activity:** evaluación proyecto
Performed tasks: Evaluacion project
Entity where activity was carried out: The Netherlands Organisation for Scientific Research (NWO)
City of entity: Holland
Type of activity: Evaluacion proyecto
Access system: Designated by the corresponding party without competition
Start-End date: 2016 - 2016
Frequency of the activity: 1
- 4** **Name of the activity:** evaluación convocatoria
Performed tasks: EVALUACIÓN CONVOCATORIA PROYECTOS 2014 (RETOS Y EXCELENCIA) - Area Temática de INVESTIGACION ESPACIAL (ESP)
Entity where activity was carried out: Subdirección General de Proyectos de Investigación
City of entity: Spain
Type of activity: Evaluacion
Access system: Designated by the corresponding party without competition
Start-End date: 19/11/2015 - 19/11/2015
Frequency of the activity: 1
- 5** **Name of the activity:** evaluación proyecto TESTIM
Performed tasks: Evaluacion proyecto
Entity where activity was carried out: The Israel Science Foundation (ISF)
City of entity: Israel
Type of activity: Evaluacion proyecto
Access system: Designated by the corresponding party without competition
Start-End date: 2015 - 2015
Type of entity: State agency
Frequency of the activity: 1
- 6** **Name of the activity:** evaluación proyecto
Performed tasks: Evaluacion proyecto
Entity where activity was carried out: Belgian Science Policy Office (BELSPO)



City of entity: Bruselas, Belgium

Type of activity: Evaluacion proyecto

Frequency of the activity: 1

Access system: Designated by the corresponding party without competition

Start-End date: 2013 - 2014

7 Name of the activity: evaluación convocatoria

Performed tasks: EVALUACIÓN PROYECTOS 2012 - Área Temática Astronomía y Astrofísica (AY A), especialidad de Espacio

Entity where activity was carried out: Subdirección General de Proyectos de Investigación

City of entity: Spain

Type of activity: Evaluacion

Frequency of the activity: 1

Access system: Designated by the corresponding party without competition

Start-End date: 02/07/2012 - 02/07/2012

8 Name of the activity: evaluación convocatoria

Performed tasks: EVALUACIÓN PROYECTOS Ciencias de la Tierra (CGL-BTE) y Recursos Hídricos (CGL-HID) 2008

Entity where activity was carried out: Subdirección General de Proyectos de Investigación

City of entity: Spain

Type of activity: Evaluacion

Frequency of the activity: 1

Access system: Designated by the corresponding party without competition

Start-End date: 04/06/2008 - 05/06/2012

9 Name of the activity: evaluación proyectos

Performed tasks: External Expert Panel (EEP) of COST

Entity where activity was carried out: COST (European Cooperation in Science and Technology)

City of entity: Bruselas, Belgium

Type of activity: Evaluacion proyectos

Frequency of the activity: 1

Access system: Designated by the corresponding party without competition

Start-End date: 2012 - 2012

10 Name of the activity: seguimiento

Performed tasks: Jornadas de Seguimiento ESP2012

Entity where activity was carried out: Ministerio Economía y Competitividad

City of entity: Spain

Type of activity: Evaluacion proyecto

Frequency of the activity: 3

Access system: Designated by the corresponding party without competition

Start-End date: 2012 - 2012

11 Name of the activity: evaluación proyectos

Performed tasks: evaluador Planes Estratégicos 2011-2015 de las Unidades Funcionales del INTA.

Entity where activity was carried out: ANEP y FUNDACIÓN GENERAL CSIC

City of entity: Spain

Type of activity: Evaluacion proyecto

Frequency of the activity: 2

Access system: Designated by the corresponding party without competition

Start-End date: 2010 - 2011



- 12 Name of the activity:** evaluación convocatoria
Performed tasks: EVALUACION DE LA CONVOCATORIA DE ESPECIALIZACION EN ORGANISMOS INTERNACIONALES
Entity where activity was carried out: Subdirección General de Instalaciones y Organismos Internacionales del MICINN
City of entity: Spain
Type of activity: Evaluacion
Type of entity: State agency
Frequency of the activity: 1
Access system: Designated by the corresponding party without competition
Start-End date: 2010 - 2010
- 13 Name of the activity:** evaluación actividad investigación CESBIO (Toulouse)
Performed tasks: Evaluacion research activity of the research unit Centre d'Etudes Spatiales de la Biosphère (CESBIO) - UMR 5126
Entity where activity was carried out: Aeres (Agence d'evaluation de la recherche)
City of entity: Paris, France
Type of activity: Evaluacion centro
Type of entity: State agency
Frequency of the activity: 1
Access system: Designated by the corresponding party without competition
Start-End date: 2009 - 2010
- 14 Name of the activity:** evaluación proyecto Urban EARS
Performed tasks: Steering Committee of the BELSPO UrbanEARS project
Entity where activity was carried out: Belgian Science Policy Office (BELSPO)
City of entity: Bruselas, Belgium
Type of activity: Evaluacion proyecto
Type of entity: State agency
Frequency of the activity: 3
Access system: Designated by the corresponding party without competition
Start date: 2015

Other achievements

Stays in public or private R&D centres

- 1 Entity:** Universidad Louis Pasteur de Estrasburgo (Francia)
City of entity: Estrasburgo, Alsace, France
Start-End date: 1991 - 1993
Funding entity: Union Europea
Goals of the stay: Post-doctoral
Provable tasks: Investigación
Type of entity: University
Duration: 1 year - 6 months
- 2 Entity:** Centre National D'études Spatiales (CNES)
City of entity: Toulouse, France
Start-End date: 1988 - 1988
Goals of the stay: Doctorate
Provable tasks: Formación
Type of entity: State agency
Duration: 1 month



Scientific societies and professional associations

- 1 Name of the society:** American Geophysical Union
Affiliation entity: AGU
City affiliation entity: Washington, DC, United States of America
Start date: 26/07/2020
- 2 Name of the society:** Asociación Española de Teledetección
Affiliation entity: AET
Start date: 1990

Editorial councils

- 1 Name of the editorial council:** Sustainability, Editorial Board
Affiliation entity: MDPI
City affiliation entity: BasselBassel, Switzerland
Start date: 26/11/2020
Type of entity: Business
- 2 Name of the editorial council:** Journal of Remote Sensing, Associate Editor
Affiliation entity: Chinese Academy of Sciences / Aerospace Information Research Institute
City affiliation entity: BeijingBeijing, China
Start date: 15/08/2020
Type of entity: State agency
- 3 Name of the editorial council:** SCI, Editorial Advisory Board
Affiliation entity: MDPI
City affiliation entity: BasselBassel, Switzerland
Start date: 19/10/2018
Type of entity: Business
- 4 Name of the editorial council:** Remote Sensing, Editorial Advisory Board
Affiliation entity: MDPI
City affiliation entity: BasselBassel, Switzerland
Start date: 12/12/2017
Type of entity: Business
- 5 Name of the editorial council:** International Journal of Remote Sensing, Editorial Advisory Board
Affiliation entity: Taylor & Francis Group
City affiliation entity: LondonLondon, United Kingdom
Start date: 11/12/2017
Type of entity: Business

Co-operation networks

Name of the network: Red Nacional de Observación de la Tierra
Identification of the network: RNOT **Nº of researchers:** 100
<http://rnot.org.es/>
City of co-operation network: valencia, Valencian Community, Spain
Selection entity: Universitat de València
City selection entity: Valencia, Valencian Community, Spain
Tasks carried out: creador de la red, mantiene la página web <http://rnot.org.es/>
Start date: 01/01/2013

Prizes, mentions and distinctions

- Description:** PREMIO DE INVESTIGACION 2019
Awarding entity: Sociedad Geográfica Española **Type of entity:** Associations and Groups
City awarding entity: Madrid, Community of Madrid, Spain
Conferral date: 26/02/2020
- Description:** PREMIO REY JAUME I PROTECCION DEL MEDIO AMBIENTE
Awarding entity: Generalitat Valenciana **Type of entity:** Public
City awarding entity: VALENCIA, Valencian Community, Spain
Conferral date: 04/06/2019
- Description:** Premio Ciencia, Tecnología y Medio Ambiente, II edición premios Carta de Poblament del Ayuntamiento de Torrent
Awarding entity: Ayuntamiento de Torrent **Type of entity:** Ayuntamiento
City awarding entity: Torrent, Valencian Community, Spain
Conferral date: 18/10/2010

Periods of research activity

Nº of recognized periods: 5
Geographical area: National
Certifying entity: Comisión Nacional Evaluadora de la Actividad Investigadora (CNEAI) **Type of entity:** State agency
Date of recognition: 2017

Obtained accreditations/recognitions

- Description:** 6 quinquenios
Accrediting entity: Universitat de València **Type of entity:** University
Nº of recognized periods: 6
Date of reception: 2017 **Date of recognition:** 2017



2 **Description:** Acreditación Catedrático de Universidad

Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** State agency

Date of recognition: 22/07/2008

Summary of other achievements

Description of the achievement: 1986-1999. En este curriculum no se incluyen aquellos méritos (publicaciones, proyectos, dirección de trabajos de investigación, participación en comites, etc) comprendidos entre los años 1986 a 1999.