

1. Requesting Organization

Name: Integrated Participatory Ecosystem Management in and Around Protected Areas.
UNDP Project 00012226/7. (CVI/03/007/A/01/99).
Project Coordination Unit.

Address: Praia, Cabo Verde

Describe the role/mandate of the organization

The Government of Cape Verde received funding from the Global Environment Facility (GEF), the United Nations Development Programme (UNDP) and the Kingdom of Netherlands for implementation of an integrated programme in the area of biodiversity conservation. The proposed programme will conserve globally significant biodiversity through the creation of a system of protected areas encompassing a representative sample of six critical ecosystems that are unique to Cape Verde. The programme will also halt and reverse existing degradation of land and water resources within the protected areas and adjacent landscapes at the same time that it promotes the creation of income-generating alternative livelihood options.

The first project (Phase I) is four year (2005-2008). The objectives are the establishment of two protected areas, one in Serra Malagueta (Santiago) and other one in San Nicolau (Monte Gordo).

Serra Malagueta situated in Santiago Island at 100 km from the Capital Praia. The proposed Natural Park covers an area of 2600 ha and contains the highest number of endemic plant species, 14 of which are classified as threatened in the Cape Verde Red list. Endemic Fauna species include buteo bannermanij, Apusalexandri, falco tinunculus, Halcyon leucocephala and Sylvia atricapilla. This area includes the most significant forest zones on the island of Santiago. The most important threats to Serra Malagueta are land clearance to agriculture and the disappearance of native habitat due to invasive exotic floral species.

Monte Gordo situated in Sao Nicolau Island distends 30 mn by plan from the Capital Praia (Santiago). The proposed Natural Park covers an area of 3500 ha and contains 28 endemic plant species on which 12 are in Cape Verde Red list. The shrub Nauplius smithii, is an endemic species exclusive of this area and is classified as critically endangered. Grazing of goats and the collection of native species for traditional ritual use constitute threats to the native vegetation, but Monte Gordo is considered one of the most pristine areas in Cape Verde.

Year of establishment

The first project (Phase I) is four year (2005-2008).

Size of organization

National level organization. Focused on two islands: Santiago and Sao Nicolau.

Number of staff

10 under the unit coordination of the project. Around 20 counting the staff of the Natural Park of Sierra Malagueta and Monte Gordo.

Other pertinent information:

The program is explicitly designed to undertake significant capacity building strategies to empower public and private institutions in Cape Verde in their efforts to conserve island ecosystems and undertake long-term adaptive management against potential future degradation of Cape Verde's environment. Implementation of the program will play a crucial role in achieving sustainable development and poverty alleviation. The first project (Phase I) covering 2005-2008 will focus on capacity building, strengthening the enabling environment, obtaining concrete impacts on the ground in terms of community based natural resource management, and establishing two priority National Parks.

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Is your organization assisted/funded by other organizations/companies:

The programme is financed by the Global Environment Facility (GEF) and will be implemented through UNDP under national execution modalities. The Ministry of Environment and Agriculture (MAA) will have overall responsibility for the project. The General Direction of Environment (DGA), housed within the MAA, will be the official institutional focal point responsible for project implementation and facilitation of operational procedures with UNDP and co-financing sources.

Assignment Terms of Reference

Assignment title:

Capacity building strategies to empower ICT4D to the local staff and communities touched by the project Integrated Participatory Ecosystem Management in and around Protected Areas.

Preamble :

This post is a United Nations Volunteers programme assignment and based on the values of free will, commitment, engagement and solidarity, which are the foundations of volunteerism. Volunteering brings benefit to the individual volunteer. It makes important contributions, economically, as well as socially. It contributes to creating social cohesion and capital, through helping to build trust and reciprocity among citizens.

The United Nations Volunteers is the UN Organization that supports sustainable human development globally through the promotion of volunteerism and mobilization of volunteers. It serves the causes of peace and development through enhancing opportunities for participation by all peoples. It is universal, inclusive and embraces volunteer actions in all its diversity.

Volunteerism is diverse and is embedded in all cultures and traditions. In this context, as a United Nations Volunteer you are encouraged and expected to relate to local volunteerism and to be identified with the concept. You are expected to regard your national colleagues as peers and together uphold trust as volunteers among yourselves and within the communities and the organization you are assigned to.

Detailed Terms of Reference (Please describe in as much detail as possible the services required from the University Volunteer(s) and how their contribution will fit into the organization's plans.)

Environment is one of the main goals to achieve in Cape Verde. After several years of dryness, the country needs special and crucial efforts to fight against land degradation and continuous disappearance of environmental resources. In this sense the project *Integrated Participatory Ecosystem Management in and Around Protected Areas*; intends to establish and protect two pilot National Parks, one in Santiago Island and other in Sao Nicolau, by empowering the local communities as to preservation of their environment, and strengthening local capacities around ecotourism and other friendly environment activities.

Cape Verde is one of the countries in Africa with highest rate of non returning bachelors; At the Ministry level, but more important at the local level of the Concelhos (Departments) qualifications are low. That's why, engaging local staff in community projects without giving the possibility to be trained in necessary issues as ICT is an important subject that must be accomplished. Bringing basic expertise on ICT to the existing local staff of the project and to the key actors to local government as the Mayor staff, General Environment Delegation, Health Delegation, Education and other key actors of the communities touched by the Project; would help to improve the capacities and opportunities for all the population.

To reinforce local capacities in basic ICT, and to train selected local community members, the project will increase the possibility of a sustainable environment by involving the communities in their own development, and reducing migration of middle qualify workers. The training will also contribute to sustainability; by training the local staff, to maintain a data base of natural resources of the two National Parks for a future eco-tourist web. Thus, the Project is asking for **2 UNITEs Volunteers** to help the project and Cape Verde, to achieve the **Millennium Development Goal 7: Ensure environmental**

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sustainability.

Under the overall supervision of the National Project Manager and head of Coordination Unit Ms. Maria Teresa Vera Cruz, the UNITEs Volunteers in both, Serra Malagueta and Monte Gordo; (based technical position will be Serra Malagueta), will be responsible for training trainers and building capacities of local staff and other community key partners, such as project staff, school teachers, and other related persons, in basic IT tools and programmes including:

- Microsoft Package,
- Windows operation system,
- Internet,
- Configuration of email set-up,
- Web-based training design and prescriptive content management as required.

They will also create a specific database on natural resources of the area and other important specificities of the environment, to allow at the end of the project continuing the environmental task by the local administration to create a specific ecotourism web page. For this, they will train selected staff among the key actors, on simple basis of data base creation and maintenance.

The UNITEs volunteers will provide project staff with basic computer skills for data collection and analysis. This will enable the project team to collect information in order to elaborate specific sets of environmental and socio-economic indicators in order to monitor changes in biodiversity conservation and community development in and around the two pilot Protected Areas in Santiago and Sao Nicolau. They will train them on how to store data into database and making analysis contribute to sustainable improvement in educations, social welfare, agriculture and the environment.

The ICT volunteers shall be able to work closely with local communities as counterpart. Preferably they have already experience in working with local communities, and actors with a minimum basis on communication and technologies. The first training part is focused on these key actors.

Specific duties include:

Develop of material for use in the different trainings.

Training key actors, Project Staff and Future Trainers

- Basic training on how to use Microsoft Office package, windows, internet, outlook etc.
- Training on usage of equipment and software.
- Training on simple computer maintenance as backup and virus check
- Gradual transferal of responsibilities during allotted period to appointed Staff of the project for role as future trainer

Select key actors to train the trainers and replicated the first basis course

For this selected trainers they will train also on development of data base and creating and maintenance of basic websites:

- Creation and organization of data base content for website for the promotion of activities.
- Technical implementation and management of website.
- Training of staff on web-site maintenance and use.

Network installation:

- Installation of fully functioning network in adherence with the project's needs

Ensures effective functioning of the on-site hardware and software focusing on the achievement of the following:

- Provision of advice on maintenance of equipment and acquisition of hardware and software.

They UNITEs volunteers would be also ask to participate in extra activities carried out by the project staff such:

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- Ecotourism activities
- Birds monitoring
- Environment Education in school
- Environmental quiz parties and events

The volunteer will be supporting the following area(s) of the MDGs.

Eradicate extreme poverty and hunger	Improve maternal health
Achieve universal primary education	Combat HIV/AIDS malaria and other diseases
Promote gender equality and empower women	X Ensure environmental sustainability
Reduce child mortality	Develop a global partnership for development

Assignment target (i.e. capacity building impact):

In order to complete the work and all along their mission Volunteers will work with the appointed key actors of the project. They will produce:

- One week training to key partners in simple basis on ICT such as Internet and Microsoft Office. One week in Serra Malagueta and one in Sao Nicolau
- A two weeks training to train the trainers on related ICT issues as database, software and technical management. Two weeks in Serra Malagueta and two in Sao Nicolau
- A data base of environment issues of both National Parks to be posted in the future project webpage.
- Develop a training manual

The volunteers will be placed in Santiago Island, in the main city of Assomada close to the National park of Sierra Malagueta. They will travel twice to Sao Nicolau Island. One for the training of the key actors in simple basis of ICT. And second to train the trainers on ICT specific issues. A third travel could be contemplated at the end of the mission to assure sustainability of their training. The cost of the travels and the hotel accommodations (the same as the project staff) and maintenance in Sao Nicolau Island will be held by the Project.

The volunteers will prepare the trainings and the data bases in the Coordination Office of the Project in Serra Malagueta, the daily transport to the park will be assured by the car project as per the other staff.

All the contributions that the two volunteers would carry on to approximate the community to the protection of their National Parks and to spread their beauty in Cape Verde, will be an asset for development and in line with the core of the project.

Support is requested in the following fields:

X training of staff	X mainstreaming ICT into work process
<input type="checkbox"/> Training of students	<input type="checkbox"/> setting up of networks
X Train-the-Trainers	<input type="checkbox"/> curricula development
<input type="checkbox"/> Setting up of websites	<input type="checkbox"/> other: _____

Required Volunteer qualifications:

Education: Last years on Information Technology and Communication Degree
Language: Portuguese or Spanish

Specific skills in requested area:

Websites – database Software
Computer/software skills: Microsoft Office package as Excel, Access, Word. Internet. ASP – HTML – PHP – Javascripts – Photoshop – Corel Draw – Flash – Database – Delphi – Visual Basic
Additional skills: Engagement with sustainable development and environment
Shares knowledge and experience and provides helpful advice.
Communication capacity in order to work with persons non related to

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communication

Ability to provide IT support services including IT hardware/ infrastructure support, ERP support, other IT applications support, web design and maintenance

Capacity to adapt easily to specific conditions of developing country and sub-regions

Other Information:

Location of assignment: Assomada, Santiago Island

Type and Approximate cost of available accommodation¹: Apartment , 400 Euros/month

Security provision and approximate costs:

Extra training costs = 10 € (Assomada - Praia- Assomada);

Cape Verde is on phase security 0, meaning the situation as assessed by the UN Security Officer is regular and there is no particular concern.

The locks of doors cost around 70 euros. Other security measures are already in place.

Means of local transport for the volunteer: Project car

What other facilities will be offered to the university volunteer(s)?: Participate in extra activities carried out by the project staff such: Ecotourism activities, Birds monitoring, Environment Education in school, Environmental quiz parties and events.

Visa requirements visa needed _____

¹ The accommodation for university volunteers has to be compliant with the Minimum Operating Residential Security Standards (MORSS). It needs to be cleared by the UN Field Security Officer **prior** to the fielding of the volunteers. **They need to be estimated or budgeted at the TOR request when filling the form**, if any.