

Role Overview: The successful candidate will play a pivotal role in designing and overseeing GIS and remote sensing projects, with a sharp focus on ocean detection, mapping, and analysis. **A PhD in Remote Sensing, Geophysics, Physical Oceanography or related field is required for this position.**

Key Responsibilities:

- **Data Processing & Analysis:** Handle multispectral satellite imagery and radar data, applying them to oceanography and geophysics applications.
- **Image Tasks:** Lead image classification, feature extraction, and evaluate impacts concerning occurrences like oil spills and algae blooms.
- **Workflow & Data Management:** Conceptualize and execute workflows, geoprocessing raster, and vector data via GIS and remote sensing software.
- **Visualization:** Craft intuitive data visualizations and cartography to delineate complex insights.
- **Continuous Learning:** Stay abreast of the latest advancements in remote sensing, especially in the spheres of ocean and climate science.

Desired Qualifications:

- A PhD in Remote Sensing, Geophysics, Physical Oceanography, or a related field.
- Adeptness in satellite and aerial remote sensing analysis techniques.
- Familiarity with important ocean databases such as Copernicus, EMODnet, and ESA.
- Skilled in Google Earth Engine alongside relevant GIS software.
- A robust research foundation in oceanography, geophysics, or akin disciplines.
- Outstanding communication, team collaboration, and organizational prowess.