

Geodatabase Specialist

Ocean Associates Inc. is seeking a candidate who will provide professional GIS support to the National Marine Fisheries Service (NMFS) Pacific Islands Fisheries Science Center (PIFSC) to support marine aquaculture siting and suitability assessments in American Samoa, Guam, and the Commonwealth of the Northern Mariana Islands (CNMI).

Duties

The candidate shall identify, locate, document (metadata), georeference, collect/compile (if necessary), and occasionally create synthesized data that will contribute to preliminary siting and suitability assessments for marine aquaculture operations in American Samoa, Guam, and CNMI. The consultant will format and either load the data and metadata into an existing geodatabase, or create links to data that are provided by other geodata services. This geodatabase will contain political, socio-economic, biological, geological, oceanographic, human use, and legal information, and be accessible via the world-wide web (WWW) to decision-makers, regulators, researchers, entrepreneurs, and the public. It will enable users to display, query, and download relevant data by topic and by area.

Duties include:

- Compile, format, and convert the data into a common geographic reference system.
- Document the data (create metadata using FGDC or ISO standards).
- Create links to the PacIOOS data services and work with PacIOOS to ensure data compatibility with the PIFSC data service.
- Coordinate with aquaculture program members to obtain information for display on the data portal
- Ensure that the web data services can ingest the data.

Minimum experience or background requirements

- Bachelor's degree in geography/geodesy, urban and regional planning, natural resources management or economics, marine biology, oceanography, or other relevant discipline.
- Minimum of one year working experience with relational databases, geographic information systems, and map projections.
- Proficiency with ArcGIS desktop software.
- Working knowledge of map projections, map and image formats, data integration, spatial analysis methods, and computer cartography.
- Ability to work independently and capable of making sound decisions related to georeferenced data processing and analysis.
- Familiarity with web mapping technologies such as Google Maps API, GeoSpatial Portal API, or ESRI MapServer API.
- Familiarity with LINUX and DOS operating systems.
- Ability to communicate effectively both orally and in writing.
- Must meet USDOC and NOAA security requirements for working at a federal facility.

Work Location: Honolulu, Hawaii

Work schedule: full-time (average 40 hours per week)

Compensation: 20.00 \$/hr + benefits

The position requires access to Federal office buildings or ships and communication networks. Applicants must have US citizenship or right to work documents that do not expire during the contract period, combined with two years of US residency before the start of employment.

If you are interested in being considered for this position, please email your resume to Jobs *at* OceanAssoc.com

- Use "5048 Aquaculture Geodatabase" as the subject line.
- Include your name in the document file name.
- PDF format is preferred.

Review of applications will begin immediately and continue until the position is filled.