

## Job Description

**Job Title:** HAGIS Technician  
**Job ID:** 29458  
**Project Name:** National Ocean Service  
**Full/Part Time:** Full-Time  
**Regular/Temporary:** Regular

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### Job Summary

Regular, Full-Time, RCUH Non-Civil Service position with the National Ocean Service (NOS), Office of National Marine Sanctuaries, Honolulu, Hawaii. Continuation of employment is dependent upon program/operational needs, satisfactory work performance, and availability of funds.

MINIMUM MONTHLY SALARY: \$2,320/Mon.

**DUTIES:** Supports the staff of the Papahānaumokuākea Marine National Monument and Hawai'i Humpback Whale National Marine Sanctuary on Geographic Information Systems (GIS) issues. Works with the Monument GIS Coordinator with the development, maintenance and updating of a spatial database. Use templates to prepare high quality paper maps and digital images. Collects, organizes, processes, interprets and writes metadata for a variety of datasets. Under the direction of the monument GIS coordinator, conducts spatial analysis in support of planning documents, management plans and educational materials.

**PRIMARY QUALIFICATIONS:** **EDUCATION:** Bachelor's Degree from an accredited college or university in Geography, Physical Sciences, Environmental Sciences, Geographic Information Systems, Planning, or relevant field. **EXPERIENCE:** One to two (1-2) years of work experience with Geographic Information Systems (GIS) as an analytical tool and production of high quality cartographic products using software such as but not limited to ArcGIS, Spatial Analyst, 3D Analyst, and Geostatistical Analyst. Identification of necessary GIS datasets for analysis of Marine Protected Area (MPA) boundaries in the Hawaiian Archipelago. Experience in the development of GIS libraries of marine and terrestrial GIS data. Experience in the development of GIS products to support ship-based field operations. **ABIL/KNOW/SKILLS:** Thorough understanding of spatial data concepts including map projections, coordinate systems, datums, map scale and accuracy, and formats (both raster and vector data types). In depth understanding of digitizing, editing, manipulating, reporting and displaying spatial and tabular data. Understanding of marine and terrestrial environments and relevant data sources for the Hawaiian Archipelago. Ability to collect, maintain and update spatial datasets and data management. Ability to analyze and synthesize information related to Marine Protected Areas. Ability to develop and maintain geo-databases and GIS data libraries. Demonstrated skill in developing descriptive hardcopy and digital map products. Must be detail oriented and be able to work independently. **PHYSICAL/MEDICAL REQUIREMENTS:** Lift up to twenty-five (25) pounds to assist field team in transporting field computers and other field equipment. **Post Offer/Employment Conditions:** Must be able to obtain medical clearance to work on NOAA research vessels or other appropriate vessels.

**SECONDARY QUALIFICATIONS:** Experience with development of educational or outreach materials, support material for emergency response and or development of products to support management plan review. Experience converting NOAA Charts into geo-database format. Able to participate in extended field work including, but not limited to live-aboard research and educational vessels, field camps etc. Familiarity with the NOAA Papahānaumokuākea Marine National Monument and Hawaiian Islands Humpback Whale National Marine Sanctuary. Knowledge and/or experience with Google

Earth, Keyhole Markup Language (KML) and Adobe FLASH. Experience in teaching GIS using terrestrial and marine datasets in both academic and professional environments.

INQUIRIES: Moani Pai 397-2660 (Oahu).

APPLICATION REQUIREMENTS: The preferred method of applying for a job is through our on-line application process. Please go to [www.rcuh.com](http://www.rcuh.com), click on "Employment" and navigate to "Job Announcements/Apply for a Job." However, if you do not have access to the Internet, you may apply by submitting resume; cover letter including Recruitment ID#, referral source, narrative of your qualifications for position and salary history; names, phone numbers and addresses of three supervisory references and copy of degree(s)/transcripts/certificate(s) to qualify for position by fax (808) 956-5022 or mail to Director of Human Resources, Research Corporation of the University of Hawaii, 2530 Dole Street, Sakamaki Hall D-100, Honolulu, HI 96822 before the closing date. If you have questions on the application process and/or need assistance, please call (808)956-3100.

EEO/AA Employer.

**Please apply before:** 10/26/2009

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