

PICCC ENVIRONMENTAL INFORMATION MANAGER – ID# 12483. Hawaii Cooperative Studies Unit. Regular, Full-Time, RCUH Non-Civil Service position with the Fish & Wildlife Service (FWS) Pacific Islands Climate Change Cooperative (PICCC) in Honolulu, Hawaii. Continuation of employment is dependent upon program/operational needs, satisfactory work performance, availability of funds, and compliance with applicable Federal/State laws.

MINIMUM MONTHLY SALARY: \$3,837/Mon.

DUTIES: Provides database and geospatial information system (GIS) leadership to work teams of the Pacific Islands climate Change Cooperative (PICCC) and the Pacific Islands Climate Science Center (PICSC). The PICCC is an interagency organization whose purpose is to assist those who manage native species, island ecosystems, and cultural resources in adapting their management to climate change in the Pacific Islands. The PICSC is a collaboration between the U.S. Geological Survey and a consortium of several universities led by the University of Hawaii at Manoa, University of Hawaii at Hilo, and University of Guam, focused on climate change research. Working together, PICCC and PICSC will acquire, manage, and serve data and products to help partners adapt to climate change. Leads the development of a shared data management system for PICCC and PICSC, and managing database and GIS operations on a daily basis. Primary support for GIS and data analyses performed by PICCC and PICSC. Duties will include acquisition of data sets and imagery from the region and implanting methods and technologies to integrate such data sets. Duties will also include using and adapting web-based platforms to spatially display natural or cultural resource data. Responsible for keeping staff informed of innovative advanced technologies that could be applied within the climate change program efforts.

PRIMARY QUALIFICATIONS: EDUCATION: Bachelor's Degree from an accredited four (4) year college or university. (Two (2) years of college course work (strong in computer science or spatial analysis) from an accredited college or university with three (3) years related network and enterprise application management experience may substitute for Bachelor's Degree). **EXPERIENCE:** Four to six (4-6) years of professional work experience in managing or developing GIS applications, spatial databases, and web interface design. Experience should include proficiency in ArcGIS and spatial analyst extension, GIS workflow implementation in a multi-user environment, and familiarity with Microsoft desktop and server operating systems. **ABIL/KNOW/SKILLS:** Knowledge of ESRI ArcGIS Desktop/Server application platform, Relational Database Management System (RDBMS: i.e. SQL Server, Oracle, etc.). Microsoft Office, and image analysis software (IDRISI, Image Analys for ArcGIS, etc.). Knowledge of and ability to use natural and/or cultural resource data and ability to manage databases. Ability to integrate a variety of GIS, image processing database, and other software. Ability to develop and deploy GIS and relational database systems, experience with some common GIS application programming interfaces or languages (i.e. Javascript, Python, Visual Basic, HTML. REST, and SQL). Expertise of ESRI's ArcGIS in an enterprise environment (leveraging a relational database management system such as SQL Server) is essential and the individual must have the ability and skill to develop solutions that catalog, integrate and display ecological data in numerous formats from a variety of sources. Fundamental understanding of data management principles. Ability to meet frequent deadlines for requested programmatic changes and be able to prioritize multiple tasks as the data platform and user base grows. Excellent oral and written communication skills. **SECONDARY QUALIFICATIONS:** Experience with database management systems, web application development, technical project management, familiarity with field GIS methods and biological monitoring/reporting protocols. Experience working with Pacific Island natural and/or cultural resource databases as they relate to Geographic Information Systems (GIS). Ability to effectively communicate and facilitate or organize meetings dealing with highly complex technical issues.

INQUIRIES: Sharon Ziegler-Chong 933-0759 (Hawaii).

APPLICATION REQUIREMENTS: Please go to www.rcuh.com, click on "Employment"; select "Apply" and navigate to "See Job Announcements and/or Apply for a Job." You must submit the following documents online to be considered for the position: 1) Cover Letter, 2) Resume, 3) Salary History, 4) Supervisory References, 5) Copy of Degree(s)/Transcript(s)/Certificate(s). All online applications must be submitted/received by the closing date (11:59 P.M. Hawaii Standard Time/RCUH receipt time) as stated on the job posting. If you do not have access to our system and the closing date is imminent, you may send additional documents to rcuhr@rcuh.com. If you have questions on the application process and/or need assistance, please call (808)956-3100.

CLOSING DATE: October 23, 2012. EEO/AA Employer.