Job Description

Job Title: Post-Doctoral Researcher(Geospatial Data Management & Analysis)
Job ID: 10274
Project Name: UHH/EPSCR
Full/Part Time: Full-Time
Regular/Temporary: Regular

MINIMUM MONTHLY SALARY: $3,222/Mo.

DUTIES: Collaborate in the design, development and implementation of a geospatial research program supporting a range of ecosystem and conservation themes. Research and develop methods to integrate distributed data sets, sensor data, provide for data distribution via the Internet and support high levels of interaction with a broad range of users. Integrate, map and disseminate environmental data by displaying research results via web-based mapping services. Work with partners to collaborate on research projects, coordinate interoperability with legacy and future applications and maintain compliance with existing and proposed information standards. Participate at workshops and meetings and deliver presentations.

PRIMARY QUALIFICATIONS: EDUCATION: PhD from an accredited college or university in geography, Environmental Sciences, Natural Resource Management, Geosciences, Computer Science or related field. EXPERIENCE: One to three (1-3) years of experience in the following essential areas: utilizing geospatial technologies for ecosystem research, expertise in managing geospatial datasets, including metadata catalogs and data discovery, spatial analysis, modeling and geo-visualization of research results. ABIL/KNOW/SKILLS: Proficiency in database management, proficiency with ArcGIS server and GIS analysis using ArcGIS software suite (ArcMap, ArcCatalog, Arc Toolbox. Geo-visualization expertise with ecological datasets. Skill in programming (python), GIS customization, multivariate statistics and geostatistics. Strong interpersonal and organizational skills and excellent verbal and written communication skills.

SECONDARY QUALIFICATIONS: Experience in ecosystem modeling and simulation modeling. Experience with sensor systems deployment and information retrieval and display. Experience with open source GIS software and web mapping services. Expertise in developing Web 2.0 spatial applications; familiarity with genotype and phylogentic data, Remote sensing software experience.

INQUIRIES: Donna Delparte 933-2321 (Hawaii).

APPLICATION REQUIREMENTS: The preferred method of applying for a job is through our on-line application process. Please go to 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, mail, or hand-deliver 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. Online applications and faxed documents must be submitted/received by the closing date (11:59 P.M. Hawaii Standard Time/RCUH receipt time). Mailed documents must be postmarked by the closing date. Hand-delivered documents must be received by our HR office by 4 P.M. Hawaii Standard Time/RCUH receipt time. If you have questions on the application process and/or need assistance, please call (808)956-3100.

EEO/AA Employer.

Please apply before: 08/02/2010