

Job Description

Job Title: Assistant Researcher
Job ID: 11360
Project Name: CTAHR/NREM
Full/Part Time: Full-Time
Regular/Temporary: Regular

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Regular, Full-Time, RCUH Non-Civil Service position with the College of Tropical Agriculture and Human Resources (CTAHR) – Natural Resources and Environmental Management (NREM), located in Honolulu, Hawaii. Continuation of employment is dependent upon program/operational needs, satisfactory work performance, availability of funds, and compliance of applicable Federal/State laws.

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

DUTIES: Conduct independent research in the area of watershed hydrology and tropical soils. Involved in the following research and teaching related areas: i) watershed numerical modeling, ii) spatial and temporal data analyses using Ground Position System (GPS) and Geographic Information System (GIS), iii) water flow and solute transport; irrigation and water management, iv) surface/subsurface water quality monitoring, and v) sensor technology (i.e., Capacitance & Time Domain Reflectometry (TDR)). Publish research findings in scientific manuscripts and reports.

PRIMARY QUALIFICATIONS: EDUCATION: Ph.D. Degree from accredited college or university in Hydrology, Water Management, or related field. **EXPERIENCE:** One to three (1-3) years of experience in conducting field and laboratory work in water management. One to three (1-3) years of experience in the use of laboratory analytical techniques, field research design and implementations, spatial and temporal data analyses. **ABIL/KNOW/SKILLS:** Knowledge in soil physics, or agricultural engineering or related academic field emphasizing hydrology and natural resource management, especially water management, surface and subsurface hydrology or environmental science. Strong computer skills.

SECONDARY QUALIFICATIONS: Strong numerical modeling at different scales (laboratory, field and watershed levels), field experience in conducting field experiments in tropical or subtropical environments; demonstrated competence in using spatially distributed models and supporting databases; and ability to engage in problem solving, ability to engage in collaborative research. Have good computer programming skills.

INQUIRIES: Ali Fares 499-7923 (Oahu).

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 07/20/2011

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