

Position Announcement: Data Steward – Integrated Status and Effectiveness Monitoring Project

The Integrated Status and Effectiveness Monitoring Program (ISEMP; an ongoing research project funded by NOAA-Fisheries, Bonneville Power Administration and the US Bureau of Reclamation) is seeking a highly productive, self-directed and motivated database administrator to assist ISEMP project staff in the Salmon (ID) and John Day (OR) River basins. This is a unique opportunity to assist in the development and deployment of a regional data storage and retrieval system that supports one of the largest endangered species recovery efforts to date.

Salmon and trout populations and their freshwater habitat are being monitored by a wide range of methods and intensities across the Pacific Northwest. As a result, large, complex datasets exist that require an efficient and comprehensive data storage system. ISEMP is developing guidance aimed at standardizing fish population and habitat monitoring approaches through study design development, data collection, data analysis, and data management (project website: www.nwfsc.noaa.gov/isemp).

The ISMEP Data Steward provides technical assistance to project cooperators and staff in the Salmon and John Day River basins. Primary duties include using ISEMP developed MS Access databases to ensure efficient transfer of data from data collectors to project managers and analysts and to submit quality assured datasets to an enterprise level Oracle data warehouse maintained by NOAA-Fisheries. Tasks will include documenting protocols, standardizing datasets, ensuring data quality, developing queries, documenting analysis procedures, and leading training sessions for ISEMP project staff, tribal and state fisheries staff, and additional cooperators.

The position requires knowledge and experience in administration of databases for the acquisition, storage, and retrieval of monitoring data and associated metadata. Prior knowledge or experience in the planning, development, and implementation of data management systems will be beneficial. Position requirements include the ability to design, develop and maintain data management systems, ensure data quality, generate complex queries and reports, and develop data dictionaries, data models, metadata repositories, and other data management tools. The successful candidate should have skills in applying a wide variety of computer applications and operating systems and the ability to communicate complex data management applications to field technical staff.

A Bachelor's degree in computer science, fisheries biology, or related field plus two years of experience administering databases is required. Applicants must have strong communication skills, database design experience, and excellent proficiency with MS Excel, MS Access, and related software. Experience with data loggers, spatial data and GIS software is beneficial as is experience with ecological data and general knowledge of salmonids.

This is a full-time position with a competitive benefits package. Compensation will be commensurate with experience. The position will be an employee of Quantitative Consultants, Inc. located in Boise, ID. Applications should include professional references including supervisors from recent employment history. Position Closes October 23, 2009. For further information please contact: Jody White at Quantitative Consultants, Inc; <jody.white@clearwire.net> or (208) 860-5269