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Job Description

Restoration Scientist

Overview

New wetland restoration project in Southern California needs a restoration scientist to plan and manage the monitoring and achievement of restoration goals. The program is at a very early stage, so the position presents a unique opportunity for both immediate work to design the monitoring program, as well as sustained engagement to measure and assess the achievement of restoration goals.

Position Summary

To mitigate for the impacts of a desalination facility by Poseidon Resources (Channelside) LP in Carlsbad, California, the California Coastal Commission required Poseidon to restore 66.4 acres of estuarine wetland habitat within the Southern California Bight. The wetland restoration project, formally called the Otay River Estuary Restoration Project, includes the creation and restoration of coastal wetlands on two noncontiguous sites within the San Diego National Wildlife Refuge in South San Diego Bay. To ensure a successful and adequate mitigation, Poseidon is responsible for funding the long-term independent monitoring and technical oversight of the project for 30 years.

The Restoration Scientist position would be funded by Poseidon but employed by the California Marine Sanctuary Foundation. The Restoration Scientist would manage the independent monitoring and technical oversight of the mitigation in partnership with California Coastal Commission staff; a Science Advisory Panel, consisting of professors from UCLA, UCSC, and UCI; and staff from the United States Fish and Wildlife Service.

Basic Qualifications:

- PhD in biology, ecology, environmental science or closely related field or MS in one of the same fields with a minimum of 5 years of professional experience in coastal ecology, natural resource conservation or wetland restoration

Preferred Qualifications:

- Proficiency in wetland field-based data collection
- Strong analytical and statistical skills and a demonstrated proficiency in experimental design
- Proficient in data analysis and programming using R, SAS, Python or similar language
- Experience in data management
- Excellent writing and oral communication skills
- Experience in project management

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- Experience working with an interdisciplinary group of university, government and industry scientists
- Experience in public outreach and in interfacing with resource managers

Responsibilities & Funding

This position will have the responsibility to manage a coastal wetland monitoring program to assess the achievement of restoration goals as defined by regulatory permit requirements. The position will require field work in San Diego and surrounding counties, office work at a location to be determined (which may involve a hybrid accommodation), and coordination within an interdisciplinary team of scientists and regulatory agency staff.

This project will be funded on a two-year cycle for a minimum of 30 years, as required by the Coastal Development Permit. Initial appointment is for a one-year period to align with the current work plan cycle.

Salary & Benefits

This is a full-time position; salary is competitive and commensurate with the applicant's qualifications. Benefits package includes vacation, paid holidays and sick leave, medical and dental benefits, and a 403(b)(7) deferred retirement savings account

To Apply

Job offer is anticipated in December 2022. For primary consideration, applications should be received by October 21, 2022, but the position will remain open until filled.

Applications should include:

1. A cover letter which describes the applicant's qualifications.
2. Curriculum vitae
3. Contact information for three references
4. At least two technical writing samples (reports or research articles) that reflect the technical analysis and writing abilities of the applicant.

Please send applications as a single PDF document (in the order shown above with the file name <LAST NAME_RESTORATIONSCIENTIST.pdf>) to the California Marine Science Foundation at jobs@californiamsf.org.

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Diversity Statement

CMSF is committed to dismantling the longstanding racial, gender, and socio-economic boundaries that exist in the field of environmental conservation. When bringing on new staff and interns, we adhere to equitable recruiting policies and promote anti-discrimination within our work and with our partners in the local and conservation communities. We acknowledge that environmental conservation is woven with rich diversity including Indigenous Knowledge and Traditional Ecological Knowledge and we will do our best to amplify all the voices that contribute to conservation. Lastly, we commit to continued listening and learning, adapting to the needs of our community, and being inclusive.

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