

Staff Position: Coastal Hydrologist

Pontchartrain Conservancy
P.O. Box 6965 Metairie, LA 70009
scienceforourcoast.org

**Pontchartrain
Conservancy**



SCIENCE FOR OUR COAST. SINCE 1989.

Pontchartrain Conservancy (PC) Overview

PC is a non-profit organization whose mission is “TO DRIVE ENVIRONMENTAL SUSTAINABILITY AND STEWARDSHIP THROUGH SCIENTIFIC RESEARCH, EDUCATION, AND ADVOCACY.” Since its inception in 1989, PC has been driven by community action to create programs that build community while preserving and restoring the Basin for public access and enjoyment. PC was established in response to environmental concerns voiced throughout the Basin. As the public’s independent voice, PC is dedicated to restoring and preserving the water quality, coast, and habitats of the entire basin—a 10,000 square mile watershed encompassing 16 Louisiana parishes. For more information regarding PC and its scope visit scienceforourcoast.org.

About the Position:

PC is seeking to hire a hydrologist within its Coastal and Community Program (CCP) to assist in the advancement of PC’s scientific programs and mission. CCP is made up of a diverse team of scientists with backgrounds in wetland ecology, fisheries, geology, coastal community ecology, botany, and urban forestry. As a staff member the applicant would be expected to assist staff and contractors on scientific projects at all stages from initial project development to data collection, analysis, interpretation and final product. In addition, PC is a member organization of Restore the Mississippi River Delta (MRD) coalition which works to advance priority Louisiana Coastal Master Plan projects. The successful applicant will work with MRD staff to provide scientific expertise for use in outreach, communications, advocacy, etc. to assist with the advancement of priority projects.

Skills & Qualifications

- M.S. or Ph.D. in hydrology or closely related field
- Experience with hydrological modeling (i.e. Delft3D, WRF-Hydro, HEC-RAS, HEC-HMS) and/or strong coding skills (i.e. C++, Python, MATLAB).
- Strong experience with standards, methods and practices of field hydrology
- Knowledge of wetland hydrological processes and coastal dynamics
- Working knowledge of biogeochemical cycling and/or sedimentology would be a plus
- Self-starter with strong initiative, drive and ability to work with a high degree of autonomy
- Proven and effective team and project management skills
- Ability to handle diverse situations and field work in a professional and effective manner
- Attentive to details and able to meet project deadlines
- Excellent oral and written communication skills
- Comfortable giving oral presentations to diverse technical and non-technical audiences
- Proven publication record would be advantageous
- Ability to effectively work with people of diverse backgrounds and experiences
- Proficient in Microsoft Office Suite
- Experience with GIS preferred
- Field work will require the applicant to be on boats so experience on the water is highly recommended

Interested qualified applicants should email **a cover letter and resume or CV** to frank@scienceforourcoast.org with subject line Coastal Hydrologist 2021

Applications accepted through June 2, 2021.

Candidates will be notified of interviews.