Watershed Scientist (Full-time)

Raritan Headwaters Association (RHA), is a non-profit leader in science, policy and stakeholder-engagement aimed at effective protection and restoration of watershed health. Throughout RHA’s 64-year history as a leader in science-based conservation in New Jersey, RHA has worked in the 470 mi² Upper Raritan River headwaters region and with state and national partners to bring water quality science into the decision-making process. As part of a dynamic team of scientists and conservation practitioners, the Watershed Scientist leads RHA’s award-winning Stream Monitoring Program. For more information about RHA’s projects, visit www.raritanheadwaters.org.

Responsibilities

• Develop, implement, and maintain quality control measures for surface water data collection and management including biological, visual, bacterial, chemical, and climate data.
• Conduct field and lab work to collect surface water data.
• Manage the organization’s stream monitoring program, including the training and coordination of a team of Citizen Scientists and seasonal interns.
• Oversee the Raritan Headwaters Sentinel Climate Stations Project.
• Maintain relationships with key partners.
• Perform data entry and management, analysis, and assist the Director of Science in preparing professional quality reports and data submittals.
• Work with Science Team to make recommendations to address impaired surface water quality.
• Investigate reports of pollution and other issues in the watershed.
• Oversee the installation, maintenance, and storage of surface water quality equipment.
• Develop and manage the stream monitoring program budget.
• Recruit, train and supervise seasonal interns.
• Represent RHA at partner meetings, conferences, and outreach events.

Qualifications

• Master’s Degree in a field related to ecology or environmental science and 3 years work experience as a conservation professional (or a Bachelor’s degree and 3-5 years experience)
• Familiarity with stream ecology, water quality, regional conservation issues, and relevant scientific research methods, data management, and technical reporting.
• Technical skills in water quality monitoring including use of sensors and probes preferred.
• Demonstrated project management skills.
• Strong interpersonal, organizational, writing, and public speaking skills.
• Independent, self-motivated, professional performance.
• Passion for the conservation mission of RHA.
• Ability to travel around the region using personal vehicle, work outdoors in inclement weather and do physically taxing work.

Compensation: Competitive salary, commensurate with experience.

How to Apply
Please apply via email with “Watershed Scientist” in the subject line. Send a resume, cover letter and contact info for 3 professional references via email to future@raritanheadwaters.org.