

National Council for Air and Stream Improvement, Inc.

Job Description

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| Position: | Research Scientist/Engineer, Water Quality |
| Reports to: | Senior Program Manager – Water Resources |
| Supervises: | n/a |
| Location: | Any NCASI Office in US or Canada, potential for hybrid/remote work |
| Work Week: | Exempt, Full-Time position; 40+ hours per week to meet work demands |
| Key Words: | Environmental Science and Engineering, Wastewater, Water Quality |
| Updated: | February 26, 2024 |

National Council for Air and Stream Improvement, Inc. (NCASI) is a non-profit research organization focusing on environmental issues of interest to the Forest Products Industry. NCASI is seeking a career-minded individual willing to take on increasing levels of responsibility to fill the Research Scientist/Engineer position in the field of wastewater characterization and treatment. The successful candidate will possess knowledge of engineering principles around chemical manufacturing and wastewater treatment processes. This knowledge combined with effective data analysis and communication skills will be used to support NCASI technical studies and provide assistance to NCASI member companies.

Essential Job Functions

- Work with other staff members to provide wastewater related technical assistance to NCASI member companies and industry organizations.
- Develop expertise in and use wastewater treatment models to provide technical assistance to NCASI member companies.
- Work with other staff members to plan and execute investigative water and wastewater quality studies that incorporate robust sampling plans, appropriate analytical methods and rigorous data analysis.
- Review and provide constructive commentary on technical documentation, reports or data analysis related to water/wastewater assessment, analysis or regulation.
- Undertake quantitative data assessment activities, prepare technical summaries and assist in the development of project reports and/or original technical reports.
- Complete literature reviews and assessments on water topics of industry interest and prepare informative summaries with critical insight.
- Present scientifically sound technical information and research findings at NCASI Conferences, webcasts and other technical meetings.
- Maintain knowledge of current water and wastewater quality issues, technical advances, and technologies.
- Develop and maintain familiarity with the pulp and paper manufacturing process, or other activities of the forest products industry.
- Willingness to take on increasing levels of responsibility over time, and grow to support research projects and member companies independently.
- Proficiency in Microsoft Office.

Minimum Qualifications

- Bachelor's degree in Environmental Science, Environmental/Chemical Engineering or closely associated scientific discipline.
- Strong data analysis and statistical skills.
- Excellent verbal and written communication skills.
- Must be able to read, absorb, process and communicate complex information.
- Work collaboratively as a part of a team-based organizational structure.
- Valid Driver License and maintain driving record insurable at standard rates.
- Must be able to follow all safety procedures, and wear safety equipment required by laboratories or facilities.

Additional Preferred Qualifications

- Masters in Environmental Sciences or Environmental/Chemical Engineering.
- Familiarity with forest products industry environmental issues.
- Familiarity with pulp and papermaking process operations.
- Familiarity with wastewater treatment processes.
- Familiarity with Microsoft Office and programming languages such as R and/or Python.
- Organized self-starter with the ability to work independently and proactively, as well as manage multiple work priorities.

To Apply:

Provide a CV or resume along with a cover letter describing your interest in the position. Contact information for three or more references may be requested. All application materials should be submitted to Jim Palumbo (jpalambo@ncasi.org), identifying "**Research Scientist/Engineer, Water Quality**" in the subject line. Applicant review will begin on March 1, 2024, and continue until the position is filled. NCASI is an equal opportunity employer.