



National Council for Air and Stream Improvement, Inc.

Job Description

Position: Sr. Research Scientist, Sustainable Manufacturing & Climate
Reports to: Vice President, Sustainable Manufacturing & Canadian Operations
Supervises: Support staff and contract staff as needed
Work Week: Exempt position; 40+ hours per week to meet work demands
Revised: May 2, 2022
Duty Station: Preferably in a NCASI office in Anacortes, WA; Cary, NC; Corvallis, OR; Newberry, FL; or Montreal, QC. Potential for work from home if in state or province in which NCASI currently operates.

NCASI (www.ncasi.org) is an independent, non-profit, member-driven research institute that seeks to create credible scientific information required to address the environmental information needs of the forest products industry in North America. Established in 1943, NCASI is recognized as the leading source of reliable data on environmental issues affecting the forest sector and has nearly 100 Member Companies throughout Canada and the United States. With a staff of 60 technical professionals, NCASI conducts research, undertakes surveys, performs field measurements, and sponsors research by universities and others to document the environmental performance of industry facility operations and forest management, and to gain insight into opportunities for further improvement in meeting sustainability goals.

NCASI is seeking an individual of high integrity to contribute to NCASI's Technical Studies Program activities addressing biomass carbon, greenhouse gas, and sustainability metrics-related issues associated with the forest products sector.

Essential Job Functions:

1. As a manager and researcher for projects in NCASI's Sustainable Manufacturing & Climate Technical Studies Program within NCASI's US Operations, primary responsibilities include:
 - executing research activities and technical project work that is topically relevant, scientifically credible, cost-effective, and marked by a significant level of self-direction.
 - coordinating, executing, and reporting technical studies on schedule and within budget.
 - effectively and efficiently directing the work of support staff and/or contract staff if necessary.
 - representing NCASI in the development and execution of collaborative research projects with universities, agencies, and other organizations.

- recommending to the Vice President, Sustainable Manufacturing & Canadian Operations additional research projects which serve the needs of NCASI members.
 - preparing timely and original technical reports, journal articles, and other written communications, meeting the highest standards of quality and scientific objectivity.
 - presenting research findings verbally at NCASI and other meetings and conferences.
 - assisting in the development of science-based communication vehicles to convey the results and value of NCASI research to members and other stakeholders.
 - having the ability to read, absorb, process, and communicate complex information, in English.
 - having the ability to get to and work from the NCASI office, as required.
2. As an industry expert in their area of expertise, maintain knowledge of current issues and technical advances through review of current literature, participate in appropriate professional society conferences, and communicate with leading researchers and regulatory personnel involved in this field.
 3. As a resource on relevant environmental regulations, maintain knowledge of existing and forthcoming US and Canadian federal, state, and provincial environmental regulations and policy decisions, participating in industry organization meetings as needed.
 4. As a contact providing technical support to industry:
 - respond to technical and scientific queries from member companies and industry organizations in a clear, competent, and timely manner, striving for delivery of initial responses to member-specific questions within one to two working days.
 - use critical and integrative thinking skills to identify innovative and practical solutions to member company challenges.
 - maintain a current understanding of industry issues, including basic knowledge of environment issues outside primary area of expertise.
 - maintain knowledge of NCASI's overall technical studies program, including familiarity with staff skill sets relevant for solving member issues.
 5. As a NCASI representative at internal and external conferences, meetings, and off-site visits:
 - present scientifically-sound, credible technical information, and objectively evaluate the potential utility of that information for environmental management decision-making.
 - foster relationships with current member companies as well as with potential new member companies.

- develop relationships with external stakeholders in a manner that will assist in furthering the NCASI brand and value proposition.
- conduct all activities in a professional manner.

6. As a staff member of NCASI:

- act in a manner that is honest and respectful of co-workers, exhibiting a strong sense of integrity and candor.
- undertake research and technical studies in collaboration with other NCASI staff, as appropriate, in a manner that fosters a strong team-based environment that is founded on sharing and learning knowledge from others.

Additional Responsibilities:

1. Undertake additional activities as assigned by the Vice President, Sustainable Manufacturing & Canadian Operations.

Minimum Qualifications:

1. Doctoral degree in chemical engineering or closely related field, or
2. Master's degree in chemical engineering or closely related field, and five or more years of experience.

Additional Qualifications:

1. Demonstrated ability to articulate research needs oriented towards the practical needs of industry, and the ability to convert those needs into the development of clear, objective hypotheses for candidate projects to meet those needs.
2. Demonstrated ability to achieve results through collaboration with, and respect for, co-workers and funding partners.
3. Ability to successfully manage multiple priorities.

To Apply

Provide a CV or resumé along with a cover letter describing interest in the position. Contact information for three or more references may be requested. All application materials will be submitted to kvice@ncasi.org. Applicant review will begin on June 1, 2022, and continue until the position is filled. NCASI is an Equal Opportunity Employer.