Researcher, Marine Program

The International Council on Clean Transportation (ICCT) is an independent, non-profit organization founded to provide first-rate, unbiased research along with technical and scientific analysis to environmental regulators. The ICCT seeks a highly committed, self-motivated person to join us as a full-time Researcher in the Marine Program in our Washington, DC office. This position will support maritime research on international vessel efficiency and air pollution. The successful applicant will help analyze global trends in the operational efficiency and emissions of oceangoing vessels and work to incorporate vessel activity information derived from Automatic Identification System (AIS) data into a variety of ongoing ICCT projects.

Position responsibilities include:
• Research and evaluate best practices for emissions reductions for marine vessels;
• Analyze and integrate information about vessel operations, emissions, and potential reductions into global and port-based emission inventories;
• Assimilate data for estimating costs and benefits of emission reduction technology application;
• Contribute to or lead development of models and quantitative tools in areas of expertise;
• Synthesize and present technical data into policy-relevant documents, memos, and working papers for both technical and non-technical audiences;
• Engage effectively with external stakeholders including government officials, NGO's, academic experts or businesses to build trust and partnerships;
• Organize briefings, workshops, invite-only meetings and other outreach activities;
• Contribute to funding identification and proposal development; and
• Other duties as assigned.

Minimum job requirements include:
• Ph.D. or Master’s degree in engineering, environmental science, or transportation-related field or other relevant subject;
• Work experience with maritime data collection, ship emissions, port operations, maritime law and policy, international relations or similar;
• Superior written and verbal communications skills, plus good interpersonal skills;
• Excellent quantitative, analytical, and research skills combined with strategic problem-solving and great organizational skills;
• Good working understanding of marine engineering, maritime policy, and/or air quality issues;
• Great facility with MS Excel, and good proficiency with MS Word and PowerPoint;
• Experience in managing and analyzing large datasets;
• Familiarity with AIS data and ArcMap/spatial analysis capabilities is preferred; and
• Familiarity with efficiency technology and emissions control for other modes is desirable.
To be successful in our environment, you must be intellectually curious, self-directed, and able to work with people from across the globe. You must be able to connect research to policy and translate technical information to stakeholders.

The ICCT offers a competitive salary commensurate with experience plus an excellent benefits package and a transportation subsidy. Learn more about us at [www.theicct.org](http://www.theicct.org). Immediate opening! The preferred location for this position is Washington, DC, but for the right candidate locating the position in San Francisco, CA may be considered. To apply, please send your resume, a cover letter, a writing or project sample, details of your current salary and the name and contact information of three references to [jobs@theicct.org](mailto:jobs@theicct.org) (subject: “Marine researcher”). Applicants without a cover letter will receive less consideration. No calls and no recruiters, please. Equal Opportunity Employer.