



Student Poster Competition – Call for Submissions

Net Zero Atlantic’s Student Poster Competition call for submissions for the Nova Scotia Offshore Wind R&D Forum is open until **October 4, 2024**.

Post-secondary and community college students are encouraged to submit an abstract of their research poster on offshore wind R&D. Successful applicants will present their poster at the Nova Scotia Offshore Wind R&D Forum at the Halifax Marriott Harbourfront Hotel in Halifax, N.S. on November 18, 2024, and have a chance for a \$500 prize in their category.

The Opportunity

Net Zero Atlantic’s Student Poster Competition has two parts: an abstract submission review for selection of participants in the poster exhibit and poster judging for a \$500 prize.

The poster exhibit is a valued part of the Nova Scotia Offshore Wind R&D Forum (R&D Forum), where researchers and technical experts from academia, government, and industry will gather to share their insights to assist leaders in the development of the offshore wind sector, and to view emerging research and development.

1. Abstract Submission

Please submit an abstract of your research poster [using our submission portal](#) by **Friday, October 4, 2024**. Abstracts should be no longer than one page and should include a title, your name, academic affiliation, research advisor, contact information, a brief overview of your research and the category into which it best fits.

Your research should focus on one of the three categories listed below. If you are unsure of what category applies to your research, enter the category which you feel is most appropriate.

Technical category

- Grid integration, pathways to market
- Met-ocean conditions and data collection
- Enabling conditions and infrastructure

- Wind farm design and cabling
- Floating offshore wind
- Velocities of wind speed
- Emerging technologies
- Innovations in equipment and materials
- Cost modelling
- Site selection and investigation
- Geohazard assessment
- Geotechnical parameters for engineering and development
- Sediment dynamics
- Data acquisition
- Subsurface characterization for foundation design
- Development of Ground Model
- Marine environmental geoscience as it relates to marine spatial planning
- Insights from legacy offshore data

Environmental category

- Case studies from other jurisdictions
- Underwater noise
- Bird / bat interactions
- Marine, fish and wildlife interactions
- Effects from foundations, anchors, cables
- Cumulative effects
- Avoidance, mitigation and monitoring

Policy / Regulations category

- Wind resource assessment
- Legal and regulatory frameworks
- Permitting – lessons learned
- Co-existence
- Infrastructure
- Socioeconomic impacts
- Interactions with ocean users (e.g. fishers, etc.)
- Opportunities for Indigenous communities
- Supply Chain
- Marine spatial planning
- Data management
- Cost modelling

Your abstract will be reviewed by a panel of judges, and you will be advised if the poster is approved for the poster presentation.

Applicants will be notified by Friday, October 11, 2024, if your poster has been approved.

[SUBMIT NOW](#)

2. Presentation Judging

Students with selected abstracts will provide poster presentations for the R&D Forum, where delegates from academia, government, and industry will gather. Posters will be on display for all delegates to view over the full day of the R&D Forum. Students may include a brief bio on the poster, as well as copies of poster abstracts and author contact information.

Judging

Student posters will be reviewed by a panel of judges coordinated by Net Zero Atlantic. During the judging, you expected to give a 2-to-3-minute presentation on your research during judging and you should be prepared to answer any questions.

Criteria

Judges will review the student research posters using the following criteria:

- Relevance of the research to Atlantic Canada's offshore wind industry.
- Student's participation in research.
- Student's knowledge of the subject and ability to discuss the material.
- Poster presentation layout and readability.

Award

A **\$500 prize** will be awarded for the best student poster presentation from each of the three categories of technical, environmental, and policy/regulation.

About poster set up and mounting

Poster panel boards and double-sided Velcro tape are provided by Net Zero Atlantic. The posters are to be mounted horizontally and measure 4 x 8 feet. **DO NOT** use push pins or tape to secure your posters to the boards. You may include a brief bio on the poster as well as copies of poster abstracts and author contact information for viewers.

Before the conference, a member of the Net Zero Atlantic team will reach out to all poster presenters to confirm the day, time, and meeting place for sign in during the Nova Scotia Offshore Wind R&D Forum.

Please remember to bring your poster(s) with you to Halifax Marriott Harbourfront Hotel.

For more information about the competition, please contact Nalani Perry at events@netzeroatlantic.ca. Visit netzeroatlantic.ca/events for details on the R&D Forum.