

Call for Submissions

The Call for Abstracts is Now Open!

The Nova Scotia Offshore Wind R&D Forum (R&D Forum) call for abstracts is your opportunity to be a part of the largest and most significant research & development event of the year for Nova Scotia's evolving offshore wind industry.

Are you working on innovative projects related to the offshore wind industry? If so, we want to hear from you!

Researchers are now invited to submit abstracts for both oral presentations and poster presentations outlining their research and development associated with the following offshore wind related themes. Your submission does not need to fall under one specific theme; we welcome submissions from all different perspectives.

We encourage abstracts from academia (both student and faculty), associations, companies, communities, governments, research associations, and any other institution with a passionate understanding or interest in any of our chosen offshore wind related topics:

Program Topics – Oral and Poster Presentations

- **Technical**

- 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**
 - 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**
 - 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

Objectives:

Abstracts should be written and focused on meeting the following objectives:

- Showcase advances in offshore wind research
- Share the latest research developments
- Focus on recent progress by researchers
- Related research from other relevant industries
- Identify new research opportunities

Submission Criteria & Guidelines:

Every effort will be made to accept quality abstracts that address the identified areas of interest and meet the standards exercised by the Organizing Committee, but submission is

expected to be competitive and authors are encouraged to consider how their contribution may best fit and to ensure that it truly represents the value of their contribution.

Abstract Format / Authors Instructions:

- Abstracts must be submitted in PDF format by Friday, September 13th, 2024 using the following links:
 - Oral abstract submissions: <https://netzeroatlantic.sharefile.com/r-r474767d272034adeba11cdb1b360f835>
 - Poster abstract submissions: <https://netzeroatlantic.sharefile.com/r-r8efa7d84a9b4481ab24adb46f07cf643>
- Abstracts must be prepared using the provided template and guidelines.
- Submitted abstracts will be peer reviewed by experts in the field who have been selected by the Organizing Committee.
- Authors will be informed of acceptance of their extended abstract by September 20th, 2024 and any associated peer review comments will be forwarded to the author.

Submission, Review and Notification Schedule (oral and poster presentations):

- Call for abstracts released: August 16, 2024
- Abstract submission deadline: September 13, 2024
- Peer Review Period: September 13 – September 19th, 2024
- Author notification of acceptance: by September 20, 2024
- Presentations: November 18, 2024

Presentation Formats

Oral Presentations

Sessions are 60 minutes in length and will have 3-4 speakers. Each speaker will have 12-15 minutes for their presentation. A 10-15 minute question and answer period will conclude the session following all of the presentations. Only one speaker per abstract will be allowed to participate in the presentation and will be acknowledged in the Forum Program. Co-authors can be listed in the speaker's PowerPoint presentation.

Poster Presentations

Poster presentations will be displayed in the exhibition hall throughout the duration of the R&D Forum. The poster session provides an excellent opportunity for authors and forum attendees to discuss interesting, innovative work or to discuss ongoing research. Authors will be limited to a maximum of two (2) posters in this year's poster session.

For questions or concerns, please contact:

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