

VISITING PROFESSIONAL AND PEER REVIEW PROGRAM

The Wind Energy Institute of Canada (Institute) has established the Visiting Professional and Peer Review Program (VPPP) to enhance and recognize the contribution of professionals in the field of wind energy.

There are two ways to participate in the VPPP program

1. By visiting the Institute
2. By having the Institute peer-review your document

The VPPP for visitors to the Institute is designed for:

- Professionals who are beginning their careers and are seeking to gain more experience
- Mid-level professionals who find themselves with newly added job responsibilities
- Academics who are seeking experience in industry during their sabbaticals to ensure the relevance of their research to the wind industry

The goal of all activities at the Institute is to advance the development of wind energy across Canada through research, testing, innovation, and collaboration. The Institute's laboratory includes:

- Five 2 MW wind turbines
- Test bed for energy storage system (currently holds a 1 MW/2 MWh battery energy storage system)
- Substation
- 275 kW diesel generator
- Supervisory control and data acquisition (SCADA) system
- Small wind turbine inventory and test bed

Research areas the Institute is currently pursuing include:

- Grid integration
- Energy storage for reliability and economics
- Service life estimation
- Improving understanding of our wind resource
- Small wind benchmarking

VPPP participants who visit the Institute will work side-by-side with the Institute's experienced staff, management, and Board of Directors on projects that are of interest to the Institute and the participant. VPPP participants will enhance their skills and knowledge through access to the Institute's state of the art facilities; discourse with Institute staff; connections to the wider Canadian and global wind energy network; and access to modern, fully furnished, accommodations on the Institute's site. Participating in this program gives visiting professionals the opportunity to make a significant difference to the development of wind energy in Canada and to further enhance their own careers in wind energy.

An additional way by which professionals and academics can interact with the Institute staff is through the Institute's peer review of documents including scholarly articles, reports, presentations, proposals, and white papers. As research becomes more interdisciplinary, it is becoming more difficult for any one person to

understand all aspects of a research project. Moreover, it is important for academic authors to ensure that their research is relevant to industry. The Institute has a multi-disciplinary team with considerable experience in all aspects of wind energy as well as close ties to industry. They offer a timely peer-review process that can boost the quality of documents before they take their next steps.

Eligibility

Professionals eligible for this program may be from public and private organizations, including industries, universities, research institutions, government, utilities, and system operators.

All applications under this program will be considered whether they are for one week or for more than one year. If the applicant is eligible for Natural Science and Engineering Research Council Scholarships, Work Smarts, or other funding opportunity, the Institute will work with the applicant towards receiving this funding.

Process for Visiting the Institute

Candidate submits a letter of application to the Institute's Scientific Director, which should include:

- Candidate's CV
- Plan of engagement
- Reasons for interest in VPPP program
- Current area of professional or academic endeavor

Process for Submitting a Document for Peer Review

- Author submits document title and abstract/summary to the Institute's Scientific Director along with the desired timeline
- If the Institute decides to peer review the document, the Candidate sends the Scientific Director the full document

About the Wind Energy Institute of Canada (Institute): The Institute, **founded in 1981 and located at North Cape, Prince Edward Island, is a not for profit, independent research and testing institute.** The Institute's mission is to advance the development of wind energy across Canada through research, testing, innovation, and collaboration. With Federal funding from the Department of Natural Resources' Clean Energy Fund, the Institute has built a state-of-the-art \$25M, 10 MW wind park with a 1 MW/2 MWh battery energy storage system. The Institute's site has a strong wind resource and 300° exposure to the Gulf of St. Lawrence.

For More Information Contact

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