

How You Can Participate

Your feedback is always important to us. We invite you and anyone you think would be interested to join our OEER contact list. You can do so by visiting our website at offshoreenergyresearch.ca and clicking on "Register" or by filling out the contact form below.

As a member of the OEER contact list, you will be kept up-to-date on OEER news and events, and have the opportunity to participate in our online discussion forums.

Please provide your contact details by filling in the form below and faxing it to Wanda Barrett, 902-424-0528.

Name:

Organization:

Designation:

Address:

Business Telephone:

E-mail:

Activity & involvement in ocean renewable energy:

Our Board Members

Robert MacKay *Vice-President & Director*

Tom Herman *Director*

Jim Gogan *Director*

Alison Scott *Director*

Bruce Cameron *Secretary-Treasurer*

Our Research Advisory Committee

Bruce Cameron *Nova Scotia Department of Energy*

Graham Daborn *Acadia University*

Rod Doane *Canadian Centre for Offshore Oil and Gas and Environment Research, Department of Fisheries and Oceans*

Sandra Farwell *Nova Scotia Department of Energy*

Andrew Kendall *Saint Francis Xavier University*

Ken Lee *Canadian Centre for Offshore Oil and Gas and Environment Research, Department of Fisheries and Oceans*

Josh Leon *Dalhousie University*

Jay Lugar *Seafood Producers Association of Nova Scotia*

Gord MacDonald *Area 21 Crab Fishermen Association*

Lucia MacIsaac *Cape Breton University*

Andrew Parker *Retired, formerly with Canada-Nova Scotia Offshore Petroleum Board*

Dick Stewart *Atlantic Herring Fisheries Marketing Co-op, Full Bay Scallop Association*

Eric Theriault *Canada-Nova Scotia Offshore Petroleum Board*

Marielle Thillet *EnCana*

Peter Underwood *Nova Scotia Department of Natural Resources*



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A large, stylized graphic of the OEER logo, rendered in shades of blue and white, set against a background of an underwater scene with bubbles and light rays.

Offshore Energy
Environmental
Research
Association

Who We Are

OEER is a not-for-profit corporation dedicated to fostering offshore energy and environmental research and development including examination of renewable energy resources and their interaction with the marine environment. OEER's members are Acadia University, St. Francis Xavier University, Cape Breton University and the Nova Scotia Department of Energy. Funding for OEER activities and research comes from grants that now total \$7,538,000 from the Nova Scotia Department of Energy.

Our Objectives

The objective of OEER is to:

1. Build research capacity in Nova Scotia;
2. Assess the potential impacts of:
 - petroleum exploration, development and production; and
 - renewable energy technologies (ocean currents, wind, tides and waves) on the marine environment.



Our Activities

Strategic Environmental Assessment of the Bay of Fundy

This \$250,000 project addressed alternative ways in which tidal energy could be developed, potential interactions with the biophysical and socioeconomic environment, and information gaps that needed to be filled.

The SEA process included two rounds of Community Forums, a Participation Support Funding Program, a Stakeholder Roundtable, a Background Report prepared by Jacques Whitford, and an SEA Report and Community Response Report that were submitted to the Nova Scotia Government in May 2008.

Seismic-Invertebrate Research Program

To increase knowledge on the impacts of seismic exploration activities on marine invertebrates.

Workshop:

A Workshop was held in September 2007 that assessed and prioritized the key issues of concern amongst stakeholders, and developed the elements of an operational framework for an inclusive and co-operative research program.

Nova Scotia Energy

Research & Development Forum 2008

The Forum is being hosted in association with Nova Scotia Energy, the OEER Association, the OETR Association and Petroleum Research Atlantic Canada. This year's theme, *Securing Nova Scotia's Energy Future: Research, Resources, Results*, represents the significant progress being made in Nova Scotia to find solutions to energy resource challenges through dedicated support for research and development programs. The Forum is being held in May 2008.

Review of Georges Bank

To assist the Province in the Georges Bank moratorium review process leading to a decision to lift or extend the current moratorium on petroleum exploration by the Governments of Canada and Nova Scotia in 2012.

Research Priorities

- Marine noise and practices and technology to mitigate such impacts
- Tidal and other forms of marine renewable energy and their impact on the environment
- Sub-sea pipeline impacts
- Marine discharges
- Air emissions and technology that measures environmental impacts
- Assessment of technology and industry practices to mitigate risks on the ocean environment

Research Funded

Minas Passage Mapping

This \$35,000 project was funded to the Department of Natural Resources Canada to provide new surficial geology maps of the Bay of Fundy based on multi-beam, geophysical and LiDAR mapping.

Minas Basin Ecosystem

Overview & Assessment Report

This \$15,000 project was funded to the Department of Fisheries and Oceans to identify the major environmental issues, priority areas, action required, and the relevant scientific knowledge gaps to assist with the integrated management of an ecosystem.

Seismic-Invertebrate Impact Review

This \$3,500 project was funded to Cape Breton University to review and theoretically calculate the energy absorption by a snow crab during a seismic shoot.

