

## How You Can Participate

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

As a member of the OETR contact list, you will be kept up-to-date on OETR 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.

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Name

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Organization

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Designation

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Address

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Business Telephone

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E-mail

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Activity & involvement in petroleum exploration and development

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## Our Board Members

**J. Kevin Vessey** *President & Director*

**Carl Breckenridge** *Director*

**Alison Scott** *Director*

**Jeff Somerville** *Director*

**Jim MacDonald** *Director*

**Bruce Cameron** *Secretary-Treasurer*

## Our Research Advisory Committee

**Steve Bigelow** *Canada-Nova Scotia Offshore  
Petroleum Board*

**Bruce Cameron** *Nova Scotia Department of Energy*

**John Hogg** *MGM Energy*

**Sandy MacMullin** *Nova Scotia Department of Energy*

**Andrew MacRae** *Saint Mary's University*

**Jacob Verhoef** *Natural Resources Canada*

**Grant Wach** *Dalhousie University*



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Offshore Energy  
Technical  
Research  
Association

## Who We Are

The OETR Association is a not-for-profit corporation dedicated to fostering research to enhance petroleum exploration and development of Nova Scotia's offshore. OETR's members are Dalhousie University, Saint Mary's University and the Nova Scotia Department of Energy. Funding for OETR activities and research comes from grants that now total \$21,602,000 from the Nova Scotia Department of Energy.

## Our Objectives

The OETR will encourage research into Nova Scotia's offshore petroleum geology. The Association will fund research work that builds geoscience knowledge about Nova Scotia's offshore oil and gas potential, as well as research that reduces the technical and engineering barriers to the development of discovered reserves.

## Our Activities

### **Nova Scotia Offshore Basin Forum 2007**

The Forum was held in October 2007 and brought together geoscientists and other key players in the energy industry to review current information and discuss issues, challenges and knowledge gaps in Nova Scotia's offshore geology.

### **Nova Scotia Energy**

#### **Research & Development Forum 2008**

The Forum, held in May 2008, was hosted in association with the Nova Scotia Department of 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*, represented the significant progress being made in Nova Scotia to find solutions to energy resource challenges through dedicated support for research and development programs.

### **Central Atlantic Conjugate**

#### **Margins Conference - Halifax 2008**

The Conference will bring together potential industry, academic and government participants to gain an increased understanding of the hydrocarbon prospectivity of the margins, reduced exploration risks, and more exploration successes.

## Research Priorities

### **Geoscience Studies**

#### **Play Fairway Analysis studies that include such areas as:**

- Petroleum systems modeling of Laurentian Subbasin area, Sable Shelf/Slope area, Shelburne Subbasin;
- Biostratigraphy studies of deepwater wells;
- Sequence stratigraphy studies in Sable Shelf/Slope areas;
- Crustal Modeling;
- High (pore) pressure, high temperature mapping;
- Salt tectonic studies; and
- Shelf/slope and deep water reservoir deposition studies.

#### **Study Purchases such as:**

- Existing proprietary biostratigraphic studies in Sable Shelf/Slope areas;
- Seabottom sediment surveys for petroleum seeps; and
- Satellite surveys for petroleum seeps.

#### **Data Acquisition and processing such as:**

- Investigation of areas where there is an absence of new seismic data, or where the existing seismic data should be re-acquired;
- If new seismic data exists, purchase select seismic lines for publication purposes in conjunction with study work;
- Examination of the value and cost of merging existing seismic data sets; and
- Reprocessing of existing seismic data.

## Research Funded

### **Analysis of petroleum systems**

#### **on the Scotian slope using thermal & seismic techniques**

Funded to Dr. Keith Loudon, Oceanography Professor at Dalhousie University, in May 2007 for a 3-year \$300,000 project that will lead to a better understanding of the nature of basement and salt structures and their effect on petroleum maturation.

### **River sources & the transfer of sands to**

#### **deep water in the Lower Cretaceous of the Scotian Basin**

Funded to Dr. Georgia Pe-Piper, Geology Professor at Saint Mary's University, in May 2007 for a 3-year \$300,000 study that will define the distribution systems for sand and help industry explorers refine their exploration targets and better understand the quality of underground petroleum reservoirs.

### **Reservoir distribution & characterization:**

#### **Shelf to slope linked depositional systems**

Funded to Dr. Grant Wach, Petroleum Geology Professor at Dalhousie University, in May 2007 for a 3-year \$293,250 project that will investigate reservoir distribution within the petroleum system. It will provide industry with the groundwork for a better understanding of petroleum reservoirs.

### **Archiving & reprocessing of seismic**

#### **reflection datasets in offshore Nova Scotia**

Funded to Kelman Technologies Inc. for a \$256,000 study that is now available to the public and can be interpreted so as to obtain a better understanding of the geology and of potential new plays and prospects.

