

OERA Energy Update

Keeping you in the loop on OERA's active RFPs and upcoming webinars, as well as noteworthy energy news happening close to home and around the world.

Funding Opportunities

We're currently inviting proposals for the following:



RFP - Paleogeography-to-Petroleum Systems: Research Innovations for Offshore Nova Scotia (PaGeo2)

- **Deadline: Friday August 28, 2020; 4:00 pm (Atlantic Time)**

OERA, in collaboration with the Nova Scotia Department of Energy and Mines, is seeking proposals from service companies, academic groups, or collaborative combinations thereof to provide fundamental advances and insights on the general geological factors that impact Nova Scotia's offshore petroleum resources through a reassessment of basic basin-forming and petroleum system-forming constraints and processes.

PaGeo2 projects will address the basic boundary conditions for basin formation and petroleum system evolution in offshore Nova Scotia. Proposals should emphasize how increased rigour, increased breadth, increased focus, or increased innovation have the potential to significantly advance the analysis of Nova Scotia's offshore hydrocarbon potential beyond that available in present models. PaGeo2 timelines are longer (up to 30 months) in order to advance knowledge on topics impactful for industry's re-evaluation of Nova Scotia's offshore potential in the mid-term to long term. Projects targeted in this RFP

will inform a new integrated view of the petroleum potential of offshore Nova Scotia to be synthesized upon completion of the separately funded projects in several years time.

This RFP was released on May 21, 2020 and will close on August 28, 2020 at 4 pm Atlantic Daylight Time. We encourage you to forward this to your contacts who may have an interest in responding. Full information on the Request for Proposals and how to apply is available [here](#).

Please note, OERA may, at its sole discretion, reject any and all, or parts of any and all, proposals; postpone or cancel at any time this RFP process; waive any minor irregularities in the RFP or the responses received as a result of this RFP.

New Research Manager Joins OERA



We'd like to extend a warm welcome to Sven Scholtysik, an experienced energy sector researcher and analyst, who is joining OERA as our new research manager.

Most recently, Sven worked at the Institute for Integrated Energy Systems at the University of Victoria. While there he spent time researching different aspects of the energy sector including the strategic implications of low-carbon emission transition pathways, the techno-economic effects of heat and transport electrification and the impact the widespread adoption of net-zero energy buildings would have on the electrical grid.

Previously, Sven led a Canadian Geothermal Energy Association team that authored a geothermal assessment report for the Yukon territory. He's also worked in wind power development with Landsvirkjun, the National Power Company of Iceland, and for the oil company BP in Europe and North America.

Sven's academic accomplishments follow a similar international path. After graduating with a BA in International Management from the University of Applied Sciences for Economics and Management in Germany and then obtaining his MSc in Sustainable Energy Science at Reykjavik University in Iceland, he is now a PhD Candidate in Mechanical Engineering at the University of Victoria.

Thank you, Jennifer!

We're wishing a fond farewell to Jennifer Pinks, OERA's previous research manager, a member of our team for the past eight years. During her time with us, Jennifer made her mark through her highly-regarded work with researchers and by advancing critical research and development. She might be best known for her work on OERA's tidal research portfolio and her success in moving from baseline to applied research in that sector. She was also a key contributor to NRCan and Innovate UK initiatives.



Jennifer was an integral part of the OERA team and will truly be missed. With pandemic restrictions around in-person gatherings, we weren't able to give her the celebratory send-off with friends and colleagues of which she is so deserving. If you would like to reach out to Jennifer with your best wishes, please get in touch with us at nperry@oera.ca.

Welcoming our New Research Intern



We'd like to extend a warm welcome to Andrew Kiefte, a student from Dalhousie University pursuing a Bachelor of Engineering in Mechanical Engineering. Andrew is working with OERA as a part of the cooperative education program. He has previous work experience in project management and has successfully completed multiple design projects in the field of sustainability.

OERA Online Exchange

This online event offers an opportunity to gather for a facilitated discussion featuring energy thought leaders. We'll be announcing our next Exchange soon. In the meantime, if you missed our live sessions, you can catch up on some of the great conversations we've had by tuning in to the recordings below.

How will COVID-19 change our energy future: A perspective on what's next for oil & gas

Featuring special guest:

- Dr. Brad Hayes, President, Petrel Robertson Consulting Ltd.; Adjunct Professor - Earth and Atmospheric Sciences, University of Alberta; Director, Canadian Society for Unconventional Resources

[Listen Here](#)

How will COVID-19 change our energy future? Perspectives on challenges and opportunities for renewables

Featuring special guest:

- Julia Attwood, Head of Advanced Materials, Bloomberg NEF.

[Listen Here](#)

How will COVID-19 change our energy future: A perspective on GHG emissions and climate change

Featuring special guests:

- Scott Skinner, Clean Foundation President & CEO
- Kate Sherren, Professor and Academic Program Coordinator with Dalhousie University's School for Resource and Environmental Studies.

[Listen Here](#)

In the News

We've gathered up a few of the news items we found most interesting in recent weeks.

- [How Tesla tapped a tiny Canadian lab for battery breakthroughs](#)
- [In a First, Renewable Energy Is Poised to Eclipse Coal in U.S.](#)
- [UK: 81 Per Cent of People Support Offshore Wind](#)
- [Irving Oil finally gets approval to source Alberta oil — but through the Panama Canal](#)
- [Green hydrogen's time has come, say advocates eyeing post-pandemic world](#)

Note that subscriptions may be required to access some publications.

OERA Webinar Series

Everyone is welcome to attend our live webinars. Here's what's coming up next:

Are there Active Petroleum Systems in the Central North Atlantic, deep water offshore Nova Scotia and Morocco?

June 25, 2020 1:00pm – 2:00pm ADT

Dr. Martin Fowler, Applied Petroleum Technology (APT)

To date, there have only been minor petroleum discoveries in the deep water central Atlantic between the conjugate margins of Nova Scotia and Morocco. The presence of potential source rock intervals which contain sufficient organic matter of the right type to generate economic quantities of petroleum has been identified as the major exploration risk in this area. Evidence will be reviewed for the presence of working petroleum systems in this area, including data from the shallow water Scotian Shelf, recent piston-coring cruises on the Scotian Shelf and from wells drilled offshore and onshore Morocco. This is used to speculate on the age and type of possible petroleum source rocks that could be present and what the differences and similarities are between the Nova Scotia and Morocco conjugate margins.

"Are there Active Petroleum Systems in the Central North Atlantic, deep water offshore Nova Scotia and Morocco?"



oera
webinar
series

Dr. Martin Fowler
Applied Petroleum Technology (APT)
Thursday June 25 | 1:00PM AST

apt
OERA
REGISTER AT
oera.ca/outreach

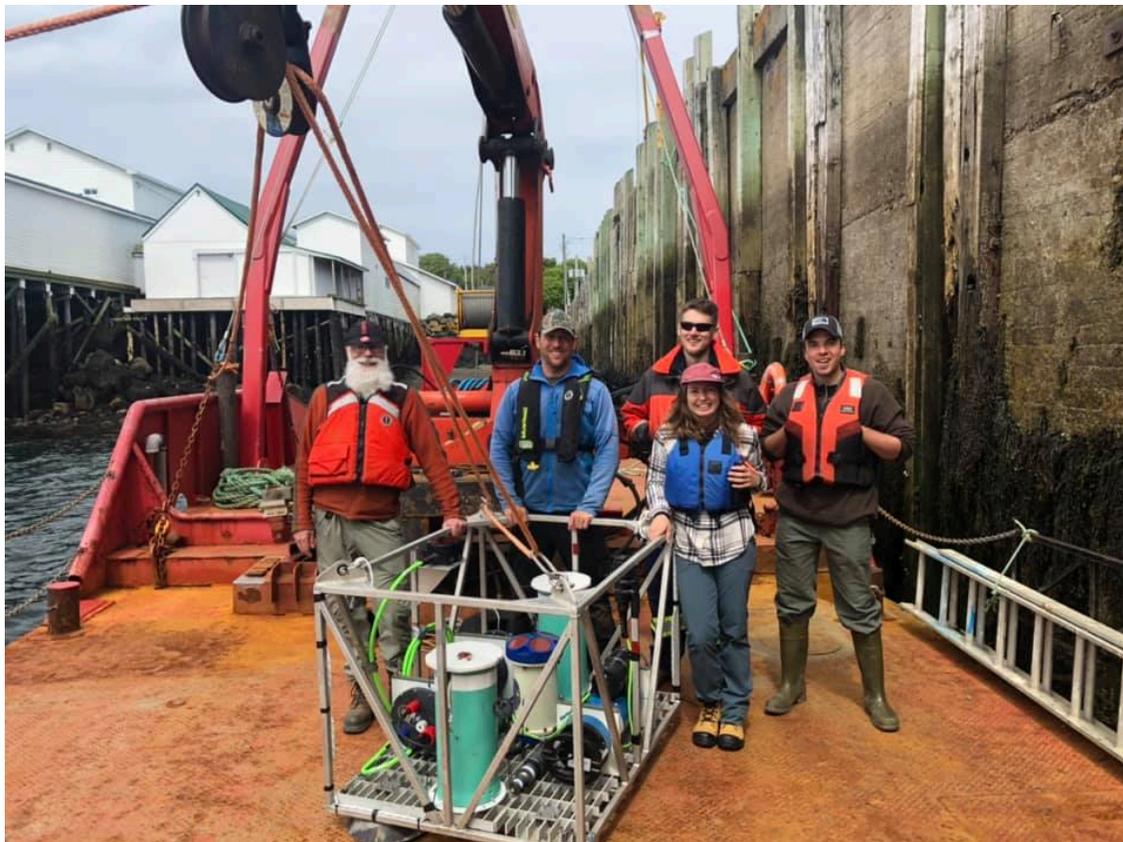
[Register here for webinar](#)

[Past webinars available online](#)

You can also check out our library of past webinars. Watch any of them here, on demand anytime. In case you missed it, a recording of "**Development of Acoustic Doppler Aquatic Animal Monitoring (ADAAM) for application to marine life movement in high-energy tidal channels**" is available here.

[Watch Here](#)

Researcher Spotlight



This month, we're featuring the work of Greg Trowse of Luna Ocean and Dr. Len Zedel of Memorial University. The Acoustic Doppler Aquatic Animal Monitoring (ADAAM) project is

advancing research into the use of acoustic Doppler current profilers (ADCPs) for marine life detection.

“Ocean industries, regulators and researchers require reliable, accurate and cost-effective methods for monitoring marine animals. Our work has the potential to deliver on this need using data that is otherwise discarded from a standard instrument that is regularly deployed by oceanographers and most ocean industries for measuring currents. We can also process existing data sets to gain a better understanding of past conditions.”

[Learn more here](#) about the ADAAM project.

Who we are

At OERA, our focus is on ensuring a sustainable energy future for Nova Scotia. To help achieve that, we facilitate research into renewable energy technologies, cleantech initiatives and geo-science. We help meet energy sector research needs by facilitating collaborative, made-to-order teams of experts.

[Contact us](#) to find out more.

Comments?

We'd appreciate hearing from you at update@oera.ca.

