2017-2018 Ontario Regional Adaptation Collaboratives Webinar Series

OCCIAR
Ontario Centre for Climate Impacts and Adaptation Resources

The Ontario Centre for Climate Impacts and Adaptation Resources (OCCIAR) presents the following webinar:

Assessing Climate Change Vulnerability in Ontario's Electrical Transmission Sector

Date: December 5, 2017

Time: 1:00pm-2:00pm EST (please note your time zone)

Description

This webinar will discuss the findings of the Climate Change Vulnerability Assessment of Ontario's Electrical Transmission Sector report and how it contributes to a better understanding of the implications of climate change for the electrical system in Ontario. The report focused on the high-voltage transmission system and included:

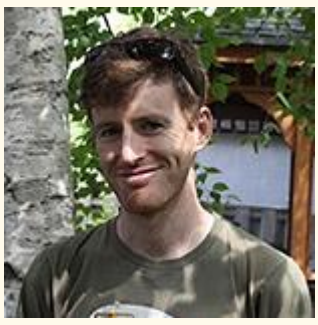
- A screening-level climate change and engineering vulnerability assessment of a major electrical transmission station in southern Ontario, including high voltage electrical transmission components within the station and major high-voltage circuits into and out of the station; and,
- A first order evaluation of the types of adaptation measures that could be used to help manage severe weather and climate change-related risks across a broader set of transmission system segments.

Conducted over the 2013-2015 time period, the study was overseen by the Power System Planning staff of the Ontario Power Authority, since amalgamated with Ontario's Independent Electricity System Operator (IESO), and made use of the Public Infrastructure Engineering Vulnerability Committee (PIEVC) Protocol, an Engineers Canada-developed engineering vulnerability assessment tool.

Opening Remarks

Ian McVey, B.COMM., M.E.S.

Project Manager - Ontario Climate Consortium Secretariat



As Project Manager with the Ontario Climate Consortium (OCC), Ian's role is to build and sustain partnerships between researchers, policymakers, and planners that mobilize knowledge and best practice in support of the transition to a low carbon and climate resilient Ontario. He has a particular focus on the energy sector, where he is working on both mitigation and adaptation issues as a co-director of the SSHRC-funded Community Energy Knowledge Action Partnership.

Presenters

OCC ONTARIO CLIMATE CONSORTIUM

Joel R. Nodelman, B.Sc., M.Sc., P.Eng.

President and Chief Execute Officer - Nodelcorp Consulting Inc.

Joel is a professional engineer with over forty years of experience in engineering and management of energy, environment, climate change and sustainable development projects. Joel is an active contributor to Engineers Canada's engineering assessment of the vulnerability of Canadian infrastructure to climate change, having had a central role in the drafting and ongoing refinement of the PIEVC Engineering Protocol. He has also managed and facilitated numerous climate change vulnerability and risk assessments across Canada and internationally. Joel has a B.Sc. in Chemistry and an M.Sc. in Chemical Engineering; both from Queen's University in Kingston, Ontario.

NODELCORP

Simon Eng., B.Eng.

Climate Analyst - Risk Sciences International (RSI)

Simon has extensive experience conducting research and analyses to inform environmental policy and developing tools for resilience to environmental hazards. His focus is on climate and weather impacts to buildings and infrastructure, as well as resource management such as mining and forestry. Simon's experience includes the development of databases and other tools, forensic assessment of high impact environmental hazards, risks and opportunities assessments, and stakeholder consultation informing strategic climate change decision making. He has worked as a research assistant and analyst in the field of climate change adaptation since 2008 in both government and private industry capacities.

RSI

CLICK HERE TO REGISTER!

This webinar series is sponsored by Natural Resources Canada ('NRCan') under the Ontario Regional Adaptation Collaboratives (RAC) Program.

For more information, please visit:
www.ClimateOntario.ca

Natural Resources Canada | Ressources naturelles Canada
Canada

For more information, please contact:
Suzanne Perdeaux
Climate Change Researcher
OCCIAR
sperdeaux@mirarco.org