JOHNSON SHOYAMA
Centre for the Study of Science and Innovation Policy
UREGINA USASK

REDUCING GHG EMISSIONS IN THE POWER SECTOR

PRESENTED AS PART OF THE *NET ZERO CARBON SERIES*

Janis Dale, Associate Professor (Geology), University of Regina

Dr. Janis Dale's expertise is mainly in the field of geoscience encompassing geomorphology, soils and paleosols, Quaternary and glacial sediments. Her current research focuses on paleosols, paleoecology and sedimentary history of the Upper Cretaceous outcrops and Quaternary deposits in southern Saskatchewan, and geological siting requirements of small modular reactors and geothermal applications in southern Saskatchewan. In 2016, Dr. Dale was awarded a Fellowship in Canadian Geoscience in recognition of service to the Provincial and National Geoscience Board and Council, and was the recipient the University of Regina Alumni Association Award for Excellence in Teaching in 2015.

John McKenzie

John worked as a professional engineer for 40 years in the Electric energy field. He also has an MBA in finance and government relations, a project management master's certificate, and is a graduate of the Richard Ivey Executive Program. During his electric energy career, John worked extensively in transmission and distribution operations, senior leaderships roles in power production, and power system planning (strategic project development).

Oskar Sigvaldason, Ph.D., Professional Engineer

Oskar Sigvaldason worked with Acres International, a global consulting engineering and management services company with 1,500 employees, for 38 years, including nine years as President. His career included engineering and project management for major power projects in Canada and around the world. He was also Corporate Manager for preparation of national investment and strategic development plans for energy and electricity supply, with funding from international agencies. More recently, he served as Project Manager for the Trottier Energy Futures Project (TEFP). The primary goal of the TEFP was to derive minimum cost solutions, to 2050 and beyond, for reducing greenhouse gas (GHG) emissions by up to 80% by 2050, relative to 1990, for all of Canada. He is a Director (former Chair) of the Energy Council of Canada, and a former Member of the World Energy Council (WEC) Studies Committee. He completed his undergraduate and postgraduate studies in Civil Engineering at University of Manitoba and at Imperial College, University of London (Athlone Fellow), respectively, followed by post-doctoral studies, in economics, environmental science and systems methodology at Harvard University.

Moderated by Dale Eisler, Senior Policy Fellow, Johnson Shoyama Graduate School of Public Policy.

Saskatchewan is well-positioned to identify the pathway(s) to a low carbon future. It is a province that is fossil fuel dependent, the site of the first commercial-scale post-combustion carbon capture and sequestration (CCS) power plant, and home to some of the world's largest uranium deposits. Although historically fossil fuel and coal based, Saskatchewan power production is increasingly based on renewables. Leveraging Saskatchewan's advantage, this panel explores what a net zero Greenhouse Gas Emission future might look like.

This discussion series will contribute to addressing the gap between current efforts and those needed to stabilize and potentially reduce GHG emissions.

Tuesday, May 12, 2020

1:30 - 3:00 p.m.

REGISTER ONLINE FOR ZOOM LINK!

Questions?
Reach us at jsgs.events@uregina.ca or www.schoolofpublicpolicy.sk.ca