



Scientific Advancements related to Nutrients and Climate Change

Environment and Climate Change Canada
Lake Winnipeg Basin Program Virtual Symposium

Jan 18

2022

Time	Presentation	Speaker
10:00	Welcome & Opening	
10:15	Program Overview	
10:30	Nutrient Transport and Fate Groundwater-Surface Water Interactions in the Assiniboine Delta Aquifer Area Binational Nutrient Loads Across the Red-Assiniboine River Basin Fate of Bioavailable Nutrients from Episodic Wastewater Lagoon Releases Questions and Answers	Serban Danielescu, Agriculture and Agri-Food Canada & ECCC Agnes Richards, Environment and Climate Change Canada Kristin Painter, University of Saskatchewan
11:45	Lunch Break	
12:30	Climate Change Implications on Hydrology Snowpack Response in the Assiniboine-Red River Basin under Global Warming Scenarios Assiniboine Watershed Modelling to Predict Nutrient Loading Under BMPs and Climate Change Scenarios A Linked Hydrological-Biogeochemical Modelling System to Assess Stressors on the State of Lake Winnipeg Questions and Answers	Rajesh Shrestha, Environment and Climate Change Canada Yonas Dibike, Environment and Climate Change Canada Chris Spence, Environment and Climate Change Canada
13:45	Priority Science Gaps Panel Merrin Macrae, University of Waterloo Helen Baulch, University of Saskatchewan Pascal Badiou, Ducks Unlimited Canada Responding to the following questions: #1 From your perspective, what are the top 2-3 knowledge gaps that are needed to support more informed decision making to improve the overall health of Lake Winnipeg? #2 What opportunities and approaches do you see for improving how knowledge is transferred from research findings to end-users who are making on-the ground decisions? Questions and Answer	
14:20	Closing	