

GIWS ANNUAL MEETING – “RECONNECTIONS” | JUNE 16, 09:00 – 16:00+ | LOUIS’ LOFT AND ZOOM

08:15 – 09:00 | Event and Photo Registration

09:00 – 09:45 | Intro Remarks and Greetings

09:00 – 09:05 | Greetings and Land Acknowledgement: **Jay Famiglietti**

09:05 – 09:15 | Greetings from the University of Saskatchewan: **Baljit Singh**

09:15 – 09:45 | Update on the Global Institute for Water Security: **Jay Famiglietti**

09:45 – 10:35 | Student Member Talks

09:45 – 09:55 | Hybrid Polymer Biocomposites for Humidity Sensing: **Yuriy Anisimov**

09:55 – 10:05 | Chemical Modification of Biomass Fibers for Air Filtration: **Loza Taghavi**

10:05 – 10:15 | Morphology and Evolution of Supercell Thunderstorms over the Canadian Prairies: **Mostofa Kamal**

10:15 – 10:25 | Features of MCSs in Pseudo Global Warming Projections using CMIP6 and ERA5 in the Central U.S.:

Yunsung Hwang

10:25 – 10:35 | Addressing Water Security by Controlled Uptake of Sulfate Using Tailored Chitosan-Based Biosorbents: **Bernd Steiger**

10:35 – 10:50 | Break

10:50 – 11:40 | Research Updates

10:50 – 11:00 | Coupling Cold Regions Hydrology and Agriculture on the Prairies: Observations and Modelling: **Phillip Harder**

11:00 – 11:10 | Agricultural Water Management in Norway: **Jian Liu**

11:10 – 11:20 | Modeling the Synergistic Effects of Climate Change and Wetland Drainage on Canadian Prairie Streamflow: **Zhihua, He**

11:20 – 11:30 | Prairie performance for HABs communication: **Ghavami Mehraneh**

11:30 – 11:40 | Story Sprints and Knowledge Mobilization for Global Water Futures: **Monica Morrison**

11:40 – 11:45 | Closing Remarks on the Morning: **Jay Famiglietti**

11:45 – 12:45 | Lunch

12:45 – 14:45 | Faculty Member Research and Collaboration Updates

12:45 – 13:00 | Delta Collaboratorium: **Graham Strickert**

13:00 – 13:15 | Controlled Removal of Ions from Water Using Biopolymer Adsorbent Technology: **Lee Wilson**

13:15 – 13:30 | River ice-jam flood research updates and collaborations: **Karl-Erich Lindenschmidt**

13:30 – 13:45 | Coevolution of Machine Learning and Process-based Modelling to Revolutionize Earth and Environmental Sciences: A Perspective: **Saman Razavi**

13:45 – 14:00 | Deep Groundwater - The Bottom of the Hydrologic Cycle: **Grant Ferguson**

14:00 – 14:15 | The Hillslope Hydrology Group: It's all going *accordion* to plan (recorded): **Jeff McDonnell**

14:15 – 14:30 | Social and Cultural Science Inclusion in Water Security Research: **Lori Bradford**

14:30 – 14:45 | An update from Kananaskis During the Storm: **Cherie Westbrook**

14:45 – 15:00 | Break

15:00 – 16:00 | GIWS Award Winners Showcase

15:00 – 15:05 | Announcement of the Winners: **Jay Famiglietti**

15:05 – 15:15 | Science Communication Perspectives: **Amanda Ronnquist** (via Zoom)

15:15 – 15:35 | Agricultural Water Quality Research in Cold Climates – My Pains and Gains: **Jian Liu**

15:35 – 15:55 | Water Security in the Context of Mining and Mine Reclamation: **Matt Lindsay**

15:55 – 16:00 | Closing Remarks: **Jay Famiglietti**

16:00 – 18:00 | Reception