

## About World Wetlands Day

World Wetlands Day (WWD) is an annual celebration in recognition of the vital role that wetlands play in supporting biodiversity and providing key ecosystem services. Every year, on February 2<sup>nd</sup>, the date when the Convention on Wetlands (Ramsar Convention) was adopted in 1971, WWD events take place all over the world.

This year marks the sixth consecutive year that the Ecohydrology Research Group has participated in WWD.

## Acknowledgements

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Special thank you to the Science Communications team and the Water Institute for promoting the event.

## Connect with us



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# World Wetlands Day 2018



**Friday February 2, 2018**  
**12:30 to 8:00 pm | DC 1301 and EIT**



## Agenda

12:30	Registration [DC 1301]
1:00 - 1:15	Opening and Welcoming Remarks Philippe Van Cappellen
<b>Session 1 [DC 1302]</b>	
1:15 - 1:45	<b>Bruce MacVicar</b> , Civil and Environmental Engineering <i>Urban streams are a drag: Cumulative impacts of floods on sediment transport and benthic invertebrates in Southern Ontario</i>
1:45 - 2:00	<b>Zahra Akbarzadeh</b> , Earth and Environmental Sciences <i>Damming modifies the global nitrogen cycle along the land to ocean continuum</i>
2:00 - 2:15	<b>Saraswati Saraswati</b> , Geography and Environmental Management <i>Impact of access roads on GHGs emission from boreal peatlands</i>
2:15 - 2:30	<b>Elise Devoie</b> , Civil and Environmental Engineering <i>Wetlands in transition: the impacts of permafrost degradation in peatland-dominated watersheds</i>
2:30 - 2:45	<b>Wynona Klemt</b> , Biology <i>Flood-prone lakes as archives of natural and anthropogenic trace metal deposition in the Alberta oil sands</i>
2:45 - 3:15	Coffee Break [DC 1301]
<b>Session 2 [DC 1302]</b>	
3:15 - 3:45	<b>Serghei Bocaniov</b> , Earth and Environmental Sciences <i>Water and nutrient retention in wetland-linked aquatic ecosystems: Insights from a three-dimensional model of Lake St. Clair (USA-Canada)</i>
3:45 - 4:00	<b>Jody Daniel</b> , Biology <i>Drivers of prairie pothole permeance class</i>
4:00- 4:15	<b>Matt Elmes</b> , Geography and Environmental Management <i>Hydrogeological connectivity of a moderate-rich fen watershed in the Athabasca Oil Sands Area of the Western Boreal Plain, northern Alberta</i>
4:15 - 5:00	Three-minute student presentations
5:00 - 6:45	Reception and Poster Session [EIT Atrium]
<b>Public Lecture [EIT 1015]</b>	
7:00 - 8:00	<b>Jennifer Read</b> , Director, University of Michigan Water Center <i>Impactful Science Along our Coasts: Measuring and supporting user-focused research in our estuaries, coastal wetlands and Great Lakes</i>

Public Lecture - 7:00 - 8:00 pm

### Impactful Science Along our Coasts: Supporting and assessing user- focused research in our estuaries, coastal wetlands and Great Lakes

Presented by Dr. Jennifer Read  
Director, University of Michigan Water Center



Estuaries and coastal wetlands along North America's multiple salt and fresh coasts are highly productive ecosystems with distinct physical and biological attributes. Historic land use patterns and climate change have placed a great deal of pressure on these socioeconomically and biologically productive ecosystems. Effective protection and restoration of these important ecosystems requires carefully constructed science support that brings to bear the highest quality, user-driven research. Over the past six years the University of Michigan Water Center has taken an adaptive approach to selecting, supporting and assessing projects that engage end-users, or those best positioned to employ the science generated, in project work related to the Great Lakes and broader US coastal ecosystems. This presentation will propose that end-user engaged research, while resource and time intensive, is more effective than traditional or even more recent research paradigms and potentially a better way to invest increasingly scarce public and private resources.

