



CNAES
HQP Research & Collaborative Exchange
Funding
Visit report

1. Exchange information

Visitor: **Camille Ouellet Dallaire, PhD Candidate, Theme III**

Supervisor: **Dr. Bernhard Lehner**

Conference: **American Geophysical Union Fall Meeting 2017, New Orleans, December 10-15.**

2. Objective/Purpose

To present my latest research about hydrologic ecosystem services in Canada to a broad multidisciplinary audience and networks with world-leading scientists in the field.

3. Description of the visit

The AGU hosted more than 20,000 oral and poster presentations. I was interested in attending talks about hydrology and ecosystem services. In this AGU, I stumbled upon many talks that were presenting more socio-political issues such as how to increase the reach of intersectional measures in climate change actions or the importance of feminism and equity in physical sciences.

I was invited to present in a session specific to Integrated Water-Ecosystem-Economy Studies at the River Basin Scale. The title of my talk was "Mapping risk to water provision in Canada using a socio-hydrological approach based on ecosystem services". My talk was quite different from the other talks because I showcase a large-scale approach to river systems, adopted the ecosystem services framework and involved a suite of economic activities. Most other talks were focused on modelling a specific sector of the economy, or service, such as agriculture and relied heavily on modeling of hydrological behavior and water pricing. These differences were a great source for discussion during and after the session with other session participants.

I was able to connect with experts in the field of socio-hydrology, mainly from the University of Saskatchewan, and other CNAES members from Western University. These connections will be very helpful for the next phases of my research agenda, in which I want to explore more quantitatively the socio-hydrological relationship in Canada.



During my presentation. December 2017.



Meeting up with some CNAES colleagues. From left: Camille Ouellet Dallaire, Erika Freeman, and Oscar Senar. December 2017