

CNAES
HQP Research & Collaborative Exchange
Funding
Visit report

1. Exchange information

Visitor: **Tanya Gallagher, PhD Candidate, Theme II**

Supervisor: **Dr. Sarah Gergel**

Conference: **American Geophysical Union Fall Meeting, New Orleans, USA, December 11-15, 2017**

2. Objective/Purpose

To attend and present my research paper “Mapping Water Quality Contamination Legacies Using Long-term Landscape Indicators in a Transboundary Aquifer” at the 2017 American Geophysical Union Fall Meeting in New Orleans, Louisiana. AGU is a non-profit organization focused on the organization and dissemination of scientific information in the interdisciplinary and international field of geophysics.

3. Description of the visit

At the 2017 AGU Fall meeting, I had the opportunity to present my most recent research on landscape legacies of nitrate in the Abbotsford-Sumas Aquifer in the Terrestrial-Aquatic Linkages in the Context of Land Use/Land Cover Change: Contemporary and Legacy Effects on Physical and Biogeochemical River Processes II Posters Sessions. During my presentation, I fielded many questions from a variety of scientist who seemed genuinely interested in my project and in integrating ideas from my trans-boundary research into their own work. Being a large meeting with an international group of individuals in attendance, I was able to meet and interact with academics, government and NGO scientists, and fellow graduate students. The meeting had a diverse range of sessions, and the large size of the meeting allowed for a diverse array of talks related to transboundary management and monitoring of aquatic resources.

The AGU community has a unique meeting style in that ample networking and social activities are built into the agenda. With over 10,000 posters on display over the course of the conference, at any point during the day I could take a break from oral sessions and chat one-on-one with researchers about their work. Another distinctive aspect of this meeting is the truly international feel of this conference. I was able to attend talks of others conducting transboundary research in other parts of the world as well as schedule lunch meetings with my US collaborators who were also in attendance at the meeting.

Overall, I would like to thank the CNAES Science Committee for allowing me this opportunity to attend the 2017 AGU conference. It was a wonderful opportunity to present my research to an international and interdisciplinary community and to network with potential future collaborators and/or employers. Please see the attached photo of me in front of the AGU welcome sign in New Orleans.

