

Committee: **Environmental and Ecological Planning Advisory Committee**

Organization/Sector represented: **Thames Region Ecological Association (TREA)**

Name: **Natalie St. Amour**

Address:

**50 Chapman Court, Unit 64  
London, ON N6G 5E1**

Occupation: **Research scientist (isotope hydrologist) at Western, volunteer with TREA**

Work experience: **I was a postdoctoral researcher at Western during the years 2011-2013, in which I investigated the Great Lakes water balance and water mixing variations over space and time in response to hydroclimatic forcings using stable isotopes of water and mapping with GIS. In 2010, I taught a course in earth systems science at the University of Waterloo. And in 2009, I held a postdoctoral researcher position at Waterloo, reconstructing the past hydrology and climate of southeast Sweden based on analyses of carbon and oxygen isotopes on tree rings.**

Education: **I graduated with a Ph.D. in Earth Sciences at Waterloo in 2009. My study was on interpreting hydrology, atmospheric circulation, and nutrient cycling in lakes over the past 10,000 years using stable isotopes recorded in lake sediments. I have a background in hydrogeology, paleolimnology and geochemistry.**

Skills: **With a strong hydrology background, I would be able to assist by providing advice or suggestions related to water.**

Interest reason: **Since arriving to London in 2011, I had quickly developed an admiration for the city and its community. I like to be more involved in the community by sharing my time and knowledge where it can be helpful. As a volunteer with TREA, I would be representing and reporting back to them if I were to become a member of EEPAC.**

Contributions: **I would be able to provide advice or suggestions pertaining to water-related and limnological issues, specifically involving surface water, runoff, groundwater flow, water balance.**

Past contributions: **I have not been part of a similar organization in the past.**

Interpersonal: **My research overlaps several disciplines (hydrology, geology, ecology, climatology) and involves collaboration with other professionals of different disciplinary backgrounds, as well as accepting and providing comments and suggestions through a peer-review publication process. Thus, it is necessary to be open to the view points and knowledge of others in the progress of my research.**

Interview interest: **Yes**