

Committee: EEPAC

Organization/Sector represented:

Name: **Katarina Doughty**

Address:

205 Oxford street west

London

ON

Occupation: **Graduate Student**

Work experience: **Department of Fisheries and Oceans, research technician. I worked for two years on the Asian carp invasive species program. Sampling throughout the spring and summer field seasons gave me extensive background in river and watershed management. Surveyed for both invasive and species at risk (SAR) simultaneously. Also trained in invasive species and SAR management programs as well as public outreach. Surveying included not only assessing flora and fauna of southwestern Ontario, but substrate types, river types, bank erosion and other geographical factors.**

Education: **Current: MSc. Biology - focusing on the hybridization in Salmon for the purposes of conservation and enhancement of Aquaculture. Past: BSc. (honors) Thesis project looked at the impacts of climate change on genes influencing immune system in Guppies.**

Skills: **Extensive knowledge of lake, river and watershed systems, this includes flora, fauna and geographical factors. This will be an asset especially in a city built around a beautiful river system. Trained in invasive species monitoring programs as well as species at risk monitoring. Good background in the policy surrounding these to aid in decision making for major projects that may have an impact on these ecologically important species.**

Interest reason: **I am interested in the policy side of environmental problems. Understanding how infrastructure, economics and the environment intermingle, as this is not a sector we see in the academic field. I would like to aid London in its ability to grow without causing extensive harmful impacts on its environment, especially in a city that that so widely uses the outdoors.**

Contributions: **I believe I can contribute both my knowledge and my decision/problem solving skills to issues and projects brought to the committee's attention. I am a strong researcher and will commit to being prepared before meetings, understanding all the background knowledge and doing some research before hand on topics that might arise outside of my knowledge base. I will contribute as much of my knowledge and connections in watershed and river ecosystems as a can. I am excited to learn and contribute to the city, and think I am a good choice to fill a position on the committee.**

Past contributions: **I contributed to writing assessments of environmentally significant areas, those which may be potential habitats for invasive species. Researched and chose river sites that may be potential spawning habitat for carp based on environmental and geographic factors.**

Interpersonal: **Working in a laboratory environment for my masters this is one of the most common skills we use. All of the work written and presented in the lab is exchanged, critiqued and expanded with the help of each other. expanding our knowledge by all contributing to major projects with each other really allows us to respect each others knowledge. We all have different skill sets, so cooperation with each other to make use of these skill sets is very common as well. For example, i have extensive skills and abilities in catching and transporting fish, when these skills are needed i am happy to help write up protocols and be attending when fish transfers to Western occur.**

Interview interest: **Yes**