

## Valérie T. Gravel

M.A., Environmental Impact Assessment

Department of Geography, Planning and Environment - Concordia University

### **Biodiversity Landscape Planning in Environmental Assessments (EAs); A Look at the *Don Mouth Naturalization and Port Lands Flood Protection Project (DMNP)* Case Study, According to the Convention on Biological Diversity (CBD) Standards**

#### **Abstract**

In the context of my on-going Master in Environmental Impact Assessment (MEnv), the topic is following a 4 months internship, completed at the Secretariat of the Convention on Biological Diversity (SCBD) in 2013. Exploring biodiversity's scientific and legislative principles in urban land-use spatial planning, I am extremely motivated and interested by the Urban Biodiversity Conference.

Biodiversity planning and landscape planning both have different languages that are uneasily talking to each other. Through the CBD standards in Biodiversity Planning, I'm analyzing the biodiversity landscape planning strategies of the *Don Mouth Naturalization and Port Lands Flood Protection Project (DMNP)*, mainly developed in its EA process. Being part of the 25-year Toronto Waterfront Revitalization project, the DMNP will transform the existing mouth of the Don River, including the Keating Channel, into a healthier, more naturalized river outlet to the lake, while at the same time, removing the risk of flooding to 240 hectares of urban land to the east and south of the existing river.

#### **Bio**

Valérie is interested in the design and the planning of landscapes, with a special attention to ecological principles. She is currently completing her Master's degree in Environmental Impact Assessments at the Concordia University and is a landscape architect, graduated from the University of Montreal. Her present research focuses on the integration of biodiversity through blue-green infrastructures projects. In past experiences, she has worked within innovative and creative projects in the landscape design, planning and environment fields. She has also realized numerous exhibitions and public art installations. Adept of discoveries and challenges, Valérie has travelled in more than 20 countries. (online portfolio : [valerietg.com](http://valerietg.com))

