



Tahrana Lovlin, MAES, P.Eng.
Specialist
Wind & Climate

Experience Summary

- Consults on microclimate issues, including modelling and assessment, since 2001. Extensive knowledge in field of microclimate design including wind comfort, snow drifting, roof snow loading and thermal comfort. Joined Novus Environmental in 2013.
- She has been involved with over 800 projects, providing technical direction and leadership, as well as a high level of service.
- Select microclimate and pedestrian wind comfort experience includes: **Phase 3 Regent Park Revitalization**, Toronto, ON; **Masdar City**, Abu Dhabi, UAE; **Remai Art Gallery of Saskatchewan**, Saskatoon, SK; **Region of Waterloo Courthouse**, Kitchener, ON; **Bridgepoint Hospital**, Toronto, ON; **Quivira Resort**, Los Cabos, Mexico; **300 Front Street**, Toronto, ON; **122 Leadenhall Street**, London, UK; and, **the Bow**, Calgary, AB.
- Select Arctic and Antarctic experience includes: detailed design studies of **Rothera Station**, British Antarctic Survey, Antarctica, the **Inuit Broadcasting Corporation Building**, Iqaluit, NU, and the **Qikiqtani Correctional Healing Centre**, Iqaluit, NU; evaluations of community plans for **Arviat**, NU and **Hopedale**, NL; and snow fence design for **Scammon Bay School**, Scammon Bay, AK.
- Select roof snow loading experience includes: **Royal Ontario Museum**, Toronto, ON; **Discovery Park of America**, Union City, TN; **National Library of Latvia**, Riga, Latvia; **Lake Placid Olympic Centre**, Lake Placid, NY; **CCTV Building**, Beijing, China; and **Edmonton International Airport**, Edmonton, AB.
- Select transportation experience includes **Cobequid Pass – Trans-Canada Highway 104**, Amherst, NS, **Autoroute 30**, Montreal, QC, and **Highway 404**, Markham, ON.
- Registered Professional Engineer in Ontario.
- Bachelor of Applied Science in Civil Engineering (2000); Master of Applied Environmental Studies in Planning (2013) from the University of Waterloo.