

Brad Bass, PhD
Bio 2020

Dr. Brad Bass received his PhD in Geography from Penn State University, in 1989. He has spent most of his career with Environment and Climate Change Canada, working with green infrastructure, climate change scenarios and environmental simulation. He helped establish the first green roof field site in North America, created a manual for DIY biofiltration and pioneered the use of simulation models to assess the benefits of green infrastructure.

Dr. Bass has been very active in climate change research, chairing the Weather Generator Project for the International Geosphere-Biosphere Programme – Biological Aspects of the Hydrologic Cycle, developing the Canadian Climate Change Scenarios Network and working with the IPCC Task Group on Data and Scenario Support for Impact and Climate Analysis. In 2012, Dr. Bass was awarded the Lifetime Achievement Award for Green Infrastructure Research, and was one of the scientists that contributed to the 2007 Nobel Peace Prize that was awarded to the Intergovernmental Panel on Climate Change.

Since 2012, Dr. Bass has been working with Environment and Climate Change Canada's Nutrients Team to meet Canada's commitments under Annex 4 of the Great Lakes Water Quality Agreement. His work includes assessments of technology, best management practices, policies for reducing nutrient loads and, recently, the socio-economic impacts of algal blooms.