



Member Profile

Dr. Steven Roberts, Research Theme Coordinator

Dr. Steven Roberts coordinates the priority research at the Institute on Ecology, Climate and Environmental Sciences (Tecton 5). He also advances research in Operations Research and Decision Science. (Tecton 6) Dr. Roberts has been a member of the Institute since 2014. He also sits on the Management Board of the Institute.

He came to Wilfrid Laurier University in 2002 where he is now an associate professor in the Department of Geography and Environmental Science. He is also an adjunct professor for the Department of Systems Design Engineering at the University of Waterloo. Prior to joining Laurier, he worked as a regional planner for the Region of Peel, Ontario. Dr. Roberts received his PhD and MASc in Systems Design Engineering at the University of Waterloo as well.

Dr. Roberts research interests are in spatial data models and data structures as well as combinatorial optimization. He is also focused on genetic algorithms that include evolutionary multi - objective optimization and applied graph, matroid and category theory. He also has experience in landscape ecology and parallel and shared memory computing.

At Laurier, Roberts was the director of the Waterloo – Laurier Graduate Program in Geography from Sept 2010 till June 2013. He is now the Undergraduate Advisor for the Geography program.



Dr. Roberts welcomes inquiries from undergraduate and graduate students in the areas of spatial analysis, spatial data modelling and spatial decision support.

