

## **In-stream Water Quality Modelling - Ph.D. Opportunity:**

The Global Institute for Water Security (<http://www.usask.ca/water/>) and the School for Environment and Sustainability (<http://www.usask.ca/sens/>) at the University of Saskatchewan are seeking a Ph.D. candidate with experience in in-stream water quality modelling to support research in understanding the mixing regime and biological processes in aquatic environments of rivers and lakes.

### **Qualifications:**

- Master's degree in Engineering, Science, Applied Mathematics or related analytical field of study
- Knowledge of computer programming
- Strong capability to apply computer models
- Familiarity with exploratory data analysis and statistical methods
- Successful application to the College of Graduate Studies and Research

In addition, the candidate should have:

- Ability to work in a collaborative manner with team members
- Strong oral and written communication skills

### **Funding:**

A three-year scholarship is available for a qualified individual through the Global Water Futures program.

### **How to Apply:**

General admission requirements and an on-line application form can be found at the College of Graduate Studies and Research (CGSR) website: [www.usask.ca/cgsr/admission/index.php](http://www.usask.ca/cgsr/admission/index.php)

Candidates must also submit official transcripts, their CV, and a brief statement of research interest (approximately 1-3 pages in length) that includes:

- Specific areas of interest that could lead to a thesis topic;
- A description of why the applicant wants to pursue research in the interdisciplinary context of the School of Environment and Sustainability;
- A description of any employment or study experiences that relate to the research interests described.

### **Transcripts and statement of research interests are to be directed to:**

Chair, Graduate Affairs Committee  
School of Environment and Sustainability  
University of Saskatchewan  
Room 323, Kirk Hall  
117 Science Place  
Saskatoon, SK S7N 5C8  
Canada  
email: [sens.info@usask.ca](mailto:sens.info@usask.ca)

**Application Deadline:**

To start the Ph.D. program in January 2018 please complete the application process as soon as possible as candidates are already being reviewed by the School of Environment and Sustainability.

**Further Information:**

For additional information on this opportunity you are strongly encouraged to contact Dr. Lindenschmidt before applying:

Dr. Karl-Erich Lindenschmidt  
Associate Professor  
School of Environment and Sustainability  
University of Saskatchewan  
Email: [karl-erich.lindenschmidt@usask.ca](mailto:karl-erich.lindenschmidt@usask.ca)