

**ENVIRONMENTAL TOXICOLOGY: TESTING FOR EFFECTS AND
INTERPRETATION OF ENVIRONMENTAL DATA**
A Short Course at EnviroAnalysis 2010, Toronto

*Keith R Solomon (Adjunct Professor) and Jordana Van Geest (PhD_C)
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This short course, offered on May 13, will deal with the following subject matter:

- Testing for toxicity in environmental samples such as water and sediment.
- Advances in methodology for toxicity testing.
- Interpretation of toxicity data.
- Linking toxicity data to measurement in the environment via deterministic and probabilistic risk assessment.

The short course will be presented using lectures (copies of slides will be provided) and in-class exercises to illustrate techniques and approaches. A tour of the toxicity testing facility at the MOE Laboratory will be included.

This course will be useful to those involved in field sampling, laboratory testing, and regulation of the environment.

The course will be presented by Keith R Solomon (Adjunct Professor) and Jordana Van Geest (PhD_C) both from the School of Environmental Sciences, University of Guelph.



Jordana Van Geest is a PhD candidate in the School of Environmental Sciences at the University of Guelph. She is working on developing new and improved methods for testing for

toxicity in sediments for research and regulatory purposes. She has made several presentations at international and regional scientific meetings and is co-author on a number of papers related to ecotoxicity testing.



Keith Solomon is an Adjunct Professor in the School of Environmental Sciences Director of the Centre for Toxicology at the University of Guelph. He continues

to teach courses in toxicology and pesticides at the University of Guelph and to advise graduate students. He currently serves on several advisory committees on matters related to environmental toxicology and pesticides in Canada, the USA, and internationally