



FIELDS INSTITUTE Research in Mathematical Science

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JULY 17-19, 2007

FIELDS INSTITUTE SUMMER WORKSHOP ON ENVIRONMETRICS

UNIVERSITY OF WATERLOO

ORGANIZING COMMITTEE

Grace Chiu (Waterloo, Statistics and Actuarial Science)

Abdel El-Shaarawi (Environment Canada, Aquatic Ecosystem Management Research Branch)

Román Viveros (McMaster, Mathematics and Statistics)

OVERVIEW

The discipline of environmetrics /environmental statistics covers a vast variety of research areas, all of which arise in the environmental sciences. With pressing problems such as global warming and dwindling populations of numerous species, the integration of biological and statistical methodologies has become vital to the protection of the environment.

The three-day workshop features these themes:

- (1) What is environmental statistics? Why and how?
- (2) The challenges: so much to do, so little achieved
- (3) Graduate programs in environmetrics: creating a new breed of environmetricians

Intended participants include,

From Academia:

statisticians, biologists / ecologists, resource management scientists, graduate students from all these disciplines

From Government Agencies:

natural resource managers, leading scientists

LECTURERS AND PANELISTS

David Brillinger (Berkeley)

Mark Buehner (Environment Canada)

Michael Dowd (Dalhousie)

Abdel El-Shaarawi (Environment Canada)

Jon Grant (Dalhousie)

Timothy G. Gregoire (Yale)

Stephen Murphy (Waterloo)

Maren Oelbermann (Waterloo)

Rick Routledge (Simon Fraser)

REGISTRATION and TRAVEL SUPPORT

Free registration on a first come, first serve basis.

Travel support is available for full-time students from out-of-town. Apply on-line on the website. Deadline to apply is May 7, 2007. See:

www.fields.utoronto.ca/programs/scientific/07-08/environmetrics/

Sponsors



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