Day 1 (Tue, July 17)
THEME: What is environmental statistics? Why and how?

8:30 – 9:00	Registration, Coffee & Tea (LHI Lobby)	(Guests from Delta Hotel receive free shuttle service for 8:30 drop-off.)
9:00 – 9:15	Opening Remarks	Grace Chiu
9:15 – 10:30	**Lecture 1:** *Why and how are statistics integrated into environmental research?* (LHI Room 1621)	9:15 – 10:10 Topic: *The Integration of Statistics into Environmental Prediction Research* Speaker: Michael Dowd
		10:10 – 10:30 Open Participation Facilitator: Michael Dowd
10:30 – 10:50	Snack Break (LHI Lobby and Room 1633)	
10:50 – 11:50	**Lecture 2:** *Popular statistical methodologies in environmental research – **Part I (broad topics)*** (LHI Room 1621)	Topic (a): *Environmental Problems: Identification, Assessment and Management* Speaker: Abdel El-Shaarawi
11:50 – 13:30	Lunch Break	
13:30 – 14:30	**Lecture 2 (cont'd):** *Popular statistical methodologies in environmental research – **Part I (broad topics)*** (LHI Room 1621)	Topic (b): *Probabilistic Risk Modeling at the Wildland-Urban Interface: the 2003 Cedar Fire, III* Speaker: David Brillinger
14:30 – 14:50	Snack Break (LHI Lobby and Room 1633)	
14:50 – 16:40	**Lecture 3:** *Popular statistical methodologies in environmental research – **Part II (specialized topics)*** (LHI Room 1621)	14:50 – 15:40 Topic (a): *Data Assimilation for Numerical Weather Prediction: Estimation and Modelling of the Covariances of Short-Term Forecast Error* Speaker: Mark Buehner
		15:40 – 16:10 Topic (b): *Analyzing Extra-Fire-Fighting Costs in the Province of Ontario* Speaker: David Stanford
		16:10 – 16:40 Topic (c): *Stochastically Modelling Forest Fire Spread* Speaker: John Braun
16:40 – 17:00		
17:00 – 19:00	Reception (University Club – UC on map)	(Guests from Delta Hotel receive free shuttle service outside UC at 18:30.)

Day 2 (Wed, July 18)
THEME: Overcoming the Challenges / So much to do, so little achieved

(Guests from Delta Hotel receive free shuttle service for 9:00 drop-off and 15:30 pick-up.)

9:15 – 10:30	**Panel Discussion 1:** *How do we address the obstacles encountered in quantitative environmental research?* (LHI Room 1621)	Panelist: Topic: Panelist: Topic: Panelist: Topic: Discussant:	Stephen Murphy *Issues in Using Environmetrics in Ecosystem Research* Maren Oelbermann *How a Soil Scientist Approaches Statistics* Jonathan Grant *Applied Statistics in Ecology and Biological Oceanography* Timothy G. Gregoire
10:30 – 10:50	Snack Break (LHI Lobby and Room 1633)		
10:50 – 11:50	**Panel Discussion 2:** *Lack of funding to / awareness of statistical research in environmental science* (LHI Room 1621)	Panelist: Topic: Panelist: Topic: Discussant:	Richard Routledge *Impediments to Environmental Research* David Brillinger *TBA* Timothy G. Gregoire
11:50 – 13:30	Lunch Break		
13:30 – 14:30	**Multimedia Show 1:** *Emerging Research Areas in Environmetrics –* **Part I (broad topics)** (LHI Room 1621)	Topic: *Where's the Statistician? A Collage of High Profile Environmental Issues* Presenter: Grace Chiu	
14:30 – 14:50	Snack Break (LHI Lobby and Room 1633)		
14:50 – 15:30	**Multimedia Show 2:** *Emerging Research Areas in Environmetrics –* **Part II (specialized topics)** (LHI Room 1621)	Topic: *Rivers Inlet Ecosystem Study: A Case Study in Ecosystem Research* Presenter: Richard Routledge	
15:30 –	self-coordinated excursions (see brochure in registration package for ideas)	Guests are encouraged to stay shortly to arrange rides.	

Day 3 (Thu, July 19)
THEME: Creating a new breed of environmetricians through graduate programs

(Guests from Delta Hotel receive free shuttle service for 9:15 drop-off and 12:15 pick-up.)

9:30 – 10:30	**Open Discussion:**
	
	What makes an ideal environmetrician?
	
	(LHI Room 1621)
		Scientists: Jonathan Grant
		            Stephen Murphy
		            Maren Oelbermann
		
		Statistician: Abdel El-Shaarawi
		
		Scientists and statisticians from the floor are encouraged to make contributions throughout the discussion.

10:30 – 10:50	Snack Break (LHI Lobby and Room 1633)	
10:50 – 11:50	**Open Discussion (cont'd):** *Implementing graduate programs in environmetrics* (LHI Room 1621)	Grace Chiu Román Viveros Floor
11:50 –	closing remarks and informal interactions	Workshop participants are encouraged to share their stories.