Alberta Environment and Sustainable Resource Development

Workshop Program - MARCH 13TH2013 (DAY 1: Maple Room)

07:15	**08:15**	**Networking Breakfast/Registration (In front of the Maple Leaf room)**		
08:15	08:40	Welcoming & Opening Remarks	Heather von Hauff	AESRD
08:40	09:00	Opening Keynote Address - CMO Introduction	Anil Gupta	AESRD
Session 1			**Chair: TBD**	
09:00	09:20	The Use of Mechanistic Models for Water Quality Management	Tim Wool	USEPA
09:20	09:40	Modelling Coupled Natural/Human Systems for Environmental Resource Management	Danielle Marceau	U. of Calgary
09:40	10:00	Application of Lagrangian Modelling In Urban Areas	Richard Leduc	AirMet Science Inc.
10:00	**10:20**	**Networking & Refreshment Break**		
10:20	10:40	Water Resources Management Using Coupled Models in Alberta and the U.S.	Andrew Parker	Tetra Tech Inc.
10:40	11:00	The Art of Water Management Modelling; Applying Science to Inform Value Based Decisions	Dan Sheer	Hydrologics
11:00	11:30	A Vision of Enterprise Spatial System for Supporting Environmental Modelling	Chiadih Chang	AESRD
Panel Discussion I (11:30 ~ 12:15)				
12:15	**13:15**	**Lunch**		
Session 2			**Chair: TBD**	
13:15	13:35	Simulating Hydrological Behavior under Environmental Change in Alberta	Stefan Kienzle	U. of Lethbridge
13:35	13:55	Linking Air Quality and Watershed Models	Krish Vijayaraghavan	ENVIRON
13:55	14:15	Southern Region Modelling Initiatives	Tom Tang & Kent Berg	AESRD
14:15	**14:35**	**Networking & Refreshment Break**		
14:35	14:55	Discovering the Possible: Tools for Collaborative Learning and Improved Outcomes	David Hill	U. of Lethbridge
14:55	15:15	The Importance of Modelling for Bringing Biodiversity into Land-use Planning	Hugh Norris	AESRD
15:15	15:35	Conjunctive Optimization of Demand and Supply in Integrated River Basin Management Models	Nesa Ilich	Optimal Solutions Ltd
Panel Discussion II (15:35 ~ 16:05)				
16:05	**17:30**	**Poster Viewing / Cash Bar (Aurora Room)**		
17:30	**19:00**	**Networking - Mixer & Dinner** **(Key Presentation over Dinner – Prof. John Pomeroy, U. of Saskatchewan)** Multi-scale Modelling Of Mountain, Forest and Prairie Basin Hydrology in Alberta Using the Cold Regions Hydrological Model		