

Workshop Program - MARCH 14TH2013 (DAY 2: Maple Room)

07:15	08:15	Networking Breakfast /Registration (In front of the Maple Leaf room)		
08:15	08:30	Opening & Keynote Address	Bob Barraclough	ADM, Monitoring Agency
Session 3			Chair: TBD	
08:30	08:50	A Quick Look at Current Air Quality Modelling Being Undertaken By AESRD in the Context of Cumulative Effects Management	Sunny Cho & David Lyder	AESRD
08:50	09:10	Prototyping A Tool for Integrating Regional CEMS Data, Information and Quantifying Effects	Robert Magai	AESRD
09:10	09:30	Numerical Modelling In Support Of Provincial Groundwater Inventory Program (PGIP)	Amandeep Singh	Energy Resources Conservation Board
09:30	09:50	Air Quality Modelling For Multimedia Assessments and Associated Challenges	Mervyn Davies	Stantec
09:50	10:10	Networking & Refreshment Break		
10:10	10:30	Cumulative Effects Modelling in the South Athabasca Oil Sands Area	Sarah Depoe	AESRD
10:30	10:50	Groundwater Flow Model Development for Cumulative Effects Management within the Athabasca Oil Sands	Margaret Scott	WorleyParsons Canada Ltd.
Panel Discussion III (10:50 ~ 11:20)				
Small Group Discussion (11:20 ~ 12:15)				
<ul style="list-style-type: none"> • What are priority issues/opportunities for integrated environmental modelling in Alberta? • What are the needs of integrated environmental modelling in Alberta in order to enable the implementation of cumulative effects management for sustainable development in the province? • What are the major contributions from integrated environmental modelling in the development of and implementation of regional plans in the province? • What role can the AESRD, academia, and the private sector play in enhancing integrated environmental modelling for cumulative effects management in the province, and what are their needs from AESRD? 				
12:15	13:15	Lunch & Talk Presentation(Starting at 12:50)	Edwin Welles	Deltares USA Inc.
Session 4			Chair: TBD	
13:15	13:35	EFDC_DSI/EFDC Explorer Modeling System - Use and Applications for Alberta	Paul Craig	DSI
13:35	13:55	An Overview of Evaluations to Support Contaminant Load Management for the North Saskatchewan River	Darcy McDonald	AESRD
13:55	14:15	Simulating the Responses of Ecological Indicators to Past, Current and Future Land Use with ALCES, ALCES Mapper and Web-Based ALCES	Brad Stelfox	ALCES Group
14:15	14:35	Networking & Refreshment Break		
14:35	14:55	Integrated Watershed Hydrology Modelling Using MIKE SHE: Recent Advances to Support Cold Climate Hydrology and Integrated Land-Use Planning	Patrick Delaney	DHI
14:55	15:15	Modelling For Climate Variability	David Sauchyn	U. of Regina
15:15	15:35	Impacts of Climate and Vegetation Changes on Streamflow and Water Balance on Headwater Stream in Southern Alberta	Vinod Mahat	U of Alberta/Foothills Research Institute
Panel Discussion IV (15:35 ~ 16:10)				
Conference Wrap-up (16:10 ~ 16:20)				
<ul style="list-style-type: none"> • Summary of recommendations & actions from the outcomes of the conference, identification of issues and challenges 				
16:20	ADJOURN			