AGENDA

Accessing and Interpreting Climate Change Information for Decision-Making in Northern Ontario

November 25, 2015 | 10:00am–4:00pm | Science North – Special Exhibits Hall

Time	Topics	Speaker
10:00am	**Welcome and Introduction**	Al Douglas
10:10am	**Current Climate and its Historical Trends and Uncertainties** • Climate vs weather • Historical trends • Global cycles and natural variability • Recent reality • Ontario observed trends • Extremes and hazards development	Neil Comer
	Climate Change Modelling and Theory • Climate change introduction • Public concern and opinion • Communication of climate change • Intergovernmental Panel on Climate Change as the "expert" • Models as the best available tool • Model development • Emission assumptions	Neil Comer
11:20am	**Break**	
11:30am	**Use of Climate Model Ensembles in Decision-Making, Including, but not Limited to:** • Generations of projections • Model ensembles and uncertainty • Global vs regional models in Ontario • Using the Data – best options • Characterizing uncertainty • Extreme variables and their difficulty • Sources of Data – global and Ontario • Climate change assessment approach • Climate change summary • Future of climate projections	Neil Comer
12:30pm	**Lunch**	
1:15pm	**Afternoon Case Study: Infrastructure & Planning - Part 1** • Legal implications to adapt • Policy and planning acts, climate change tradeoffs • Requirements for resilient communities, infrastructure and landscapes • Future risks	Heather Auld
2:00pm	**Break**	
2:10pm	**Afternoon Case Study: Infrastructure & Planning – Part 2** • Reducing climate risks (focus on infrastructure, planning) • Examples of projections and adaptation put into practice • Municipal and land use planning • Engineering forensics, codes and standards • Extreme rainfall events – design values, ecosystem services • Climate services in support of adaptation	Heather Auld
3:00pm	**Questions and Discussion**	Team
3:55pm	**Closing Remarks**	Al Douglas