



## XXXIV MIT Global Change Forum

in collaboration with Carbon Management Canada and Suncor Energy

26-28 September 2012

The Fairmont Banff Springs Hotel, Banff, Alberta, Canada

*The Role of Fossil Fuels in the Transition Toward a Low Carbon Future*

### AGENDA



#### Wednesday 26 September 2012

17:00 – 19:00	Registration	Curio Foyer, Mt. Stephen Hall, Fairmont Banff Springs Hotel
17:30 – 18:45	Reception	Mt. Stephen Hall, Fairmont Banff Springs Hotel
19:00	Dinner	Alberta Room, Fairmont Banff Springs Hotel
	Welcome/Forum Overview	Professor Ronald G. Prinn, <i>Co-Director, Joint Program on the Science and Policy of Global Change, MIT</i> Mr. Stephen Kaufman, <i>General Manager, Sustainable Development - Oilsands, Suncor Energy</i> Professor Louis Fortier, <i>Scientific Director, ArcticNet, Université Laval</i>
	Keynote Address	

#### Thursday 27 September 2012 All Meeting Sessions will be held in The Alberta Room, Fairmont Banff Springs Hotel

8:30 – 10:00	<b>1. SESSION TOPIC: Climate Change and the World's Breadbaskets</b>	
	Opening Statement	Dr. John M. Reilly, <i>Co-Director, Joint Program on the Science and Policy of Global Change, MIT</i>
	Opening Statement	Professor Evan Fraser, <i>Department of Geography, University of Guelph</i>
	Discussion Moderator	Dr. Sergey Paltsev, <i>Asst. Dir. for Economic Research, Joint Program on the Science &amp; Policy of Global Change, MIT</i>
10:00 – 10:30	Break: Refreshments served in: Riverview Lounge, Fairmont Banff Springs Hotel	
10:30 – 12:00	<b>2. SESSION TOPIC: Transportation</b>	
	Opening Statement	Dr. Valerie Karplus, <i>Research Scientist, Joint Program on the Science and Policy of Global Change, MIT</i>
	Opening Statement	Dr. Michael Wang, <i>Environmental Analyst, Center for Transportation Research, Argonne National Laboratory</i>
	Discussion Moderator	Dr. Véronique Bugnion, <i>Asst. Dir. for Development, Joint Program on the Science &amp; Policy of Global Change, MIT</i>
12:00 – 14:00	Lunch: Served in: Mt. Stephen Hall, Fairmont Banff Springs Hotel	
14:00 – 15:30	<b>3. SESSION TOPIC: Reducing the Carbon Footprint of Petroleum Resources</b>	
	Opening Statement	Mr. David Hone, <i>Senior Climate Change Advisor, Group CO<sub>2</sub>, Shell International Petroleum Company</i>
	Opening Statement	Mr. Stephen Kaufman, <i>General Manager, Sustainable Development - Oilsands, Suncor Energy</i>
	Discussion Moderator	Dr. John M. Reilly, <i>Co-Director, Joint Program on the Science and Policy of Global Change, MIT</i>
15:30 – 16:00	Break: Refreshments served in: Riverview Lounge, Fairmont Banff Springs Hotel	
16:00 – 17:30	<b>4. SESSION TOPIC: Alternative Fuels in the Utility Sector and the Life-Cycle Analysis</b>	
	Opening Statement	Dr. Francis O'Sullivan, <i>Executive Director, Energy Sustainability Challenge, MIT Energy Initiative</i>
	Opening Statement	Professor Ronald G. Prinn, <i>Co-Director, Joint Program on the Science and Policy of Global Change, MIT</i>
	Discussion Moderator	Ms. Anne Slinn, <i>Executive Director for Research, Joint Program on the Science and Policy of Global Change, MIT</i>
17:30	Adjourn	
17:45 – 19:15	Reception	Mt. Stephen Hall, Fairmont Banff Springs Hotel
19:15	Dinner	New Brunswick Room, Fairmont Banff Springs Hotel
	Dinner Address	Dr. Dan Wicklum, <i>Chief Executive, Canada's Oil Sands Innovation Alliance (COSIA)</i>

#### Friday 28 September 2012 All Meeting Sessions will be held in The Alberta Room, Fairmont Banff Springs Hotel

8:30 – 10:00	<b>5. SESSION TOPIC: Emerging Petroleum Resources</b>	
	Opening Statement	Dr. Sergey Paltsev, <i>Asst. Dir. for Economic Research, Joint Program on the Science &amp; Policy of Global Change, MIT</i>
	Opening Statement	Mr. Sigurd Heiberg, <i>Advisor, Strategic Advisory Council, Statoil ASA &amp; Chairperson, UNECE Sustainable Energy</i>
	Discussion Moderator	Mr. Gordon Lambert, <i>VP, Sustainable Development, Suncor Energy &amp; Chair, Carbon Management Canada</i>
10:00 – 10:30	Break: Refreshments served in: Riverview Lounge, Fairmont Banff Springs Hotel	
10:30 – 12:30	<b>6. SESSION TOPIC: International Market Developments and Climate Policy</b>	
	Panel Discussion	Mr. Lev M. Freinkman, <i>Senior Economist, BP Russia</i> Mr. James T. Jensen, <i>President, Jensen Associates</i> Mr. Alexander Kurdin, <i>Department Head, Strategic Research of World Energy, Russian Energy Agency</i> Mr. Dennis McConaghy, <i>Executive Vice President, Corporate Development, TransCanada Corporation</i> Mr. Loren Cox, <i>Deputy Exec. Dir. for Development, Joint Program on the Science and Policy of Global Change, MIT</i>
	Discussion Moderator	
12:30	Closing Remarks	Dr. John M. Reilly, <i>Co-Director, Joint Program on the Science and Policy of Global Change, MIT</i> Mr. Richard Adamson, <i>Managing Director, Carbon Management Canada</i>
12:45	Adjourn	
12:45 – 14:45	Lunch: Served in: Mt. Stephen Hall, Fairmont Banff Springs Hotel	