



# North America 2030

## An Environmental Outlook

A conference hosted by the Joint Public Advisory Committee  
of the Commission for Environmental Cooperation

## Agenda

The purpose of this conference is to provide a forum for public and expert discussion of some of the emerging trends that will affect North America's environment over the next twenty years. A priority focus will be on those areas where a cooperative response from each of our countries—Canada, Mexico, and the United States—is most necessary.

**Government Conference Center—2 Rideau Street, Ottawa, Canada**

### Tuesday, 24 June 2008

**19:00–20:00** Registration of Participants

### Wednesday, 25 June 2008

**7:50–8:50** Registration of Participants – *Ante Room*

**8:50–17:30** "North America 2030: An Environmental Outlook" – *Main Hall*

8:50–8:55 Welcoming remarks: **Jane Gardner**, JPAC Chair

8:55–9:05 Overview presentation – Trends Driving the Environmental Agenda:  
**Adrián Vázquez**, CEC Executive Director

9:05–9:50 Keynote address: **Thomas Homer-Dixon**, George Ignatieff Chair of Peace and Conflict Studies at the Trudeau Centre for Peace and Conflict Studies, University College, University of Toronto  
*Homer-Dixon's research has focused on threats to global security in the 21st century and on how societies adapt to complex economic, ecological, and technological change. His books include The Upside of Down: Catastrophe, Creativity, and the Renewal of Civilization, (2006 National Business Book Award), The Ingenuity Gap (2001 Governor General's Literary Award for Non-fiction), and Environment, Scarcity, and Violence (Caldwell Prize of the American Political Science Association).*

- 9:50–10:20 Question and answer period
- 10:20–10:45 OECD Global Environmental Outlook (2030): **Robert Visser**, Deputy-Director, Environment Directorate, Head - Environment, Health and Safety Division, Organization for Economic Cooperation and Development
- 10:45–11:00 Break
- 11:00–11:45 Panel I: Continued Growth and Integration of North American Societies

Topics/Issues/Panelists:

- *Population and economic growth*: the implications of demographic change and migration patterns

**Ellen Kraly**, William R. Kenan Jr. Professor of Geography; Director of the Upstate Institute, Colgate University

- *Deeper economic integration (NAFTA+)*: the environmental consequences of increasing/shifting consumption, production and trade within North America

**Isabel Studer**, Director of the Center for Dialogue and Analysis on North America, *Instituto Tecnológico y de Estudios Superiores de Monterrey* (Mexico City campus)

- *Urbanization and transportation*: the implications of continuing urbanization, the built environment and an integrated just-in-time North American economy and infrastructure

**Rodolfo Lacy**, Research coordinator of energy and environment projects, Mario Molina Center for Strategic Studies on Energy and Environment

- *North America's built environment*: the environmental footprint of and potential energy performance improvements in North American building markets

**Martin Adelaar**, Principal, Marbek Resource Consultants, Ltd.

- 11:45–12:15 Moderated discussion led by Jane Garner, JPAC Chair and member for the United States
- 12:15–13:15 Networking lunch – *Main Lounge*
- 13:15–14:00 Panel II: Global Environmental Change; the Challenge for North America

Topics/Issues/Panelists:

- *Climate change and its expected impacts upon North America*: Mitigation and adaptation challenges

**Gordon McBean**, Professor of Geography, University of Western Ontario and Chair for Policy in the Institute for Catastrophic Loss Reduction

**Victor Magaña**, Professor of Atmospheric Science and head of the Department of Meteorology, Center of Atmospheric Science, National Autonomous University of Mexico (UNAM), and member of the Intergovernmental Panel on Climate Change

- *Climate change and the biodiversity implications for North America's marine and terrestrial habitats*

**Jorge Soberón**, Professor, Division of Ornithology, University of Kansas

- *Anticipated impacts of climate variability and change on human health at a North American scale*

**Kristie L. Ebi**, independent consultant (ESS, LLC), and a lead author for the human health chapter of the IPCC Fourth Assessment Report

- 14:00–14:35 Moderated discussion led by Eduardo Rincón Meijía, JPAC member for Mexico
- 14:35–14:50 Break
- 14:50–15:45 Panel III: Environmental Security

Topics/Issues/Panelists:

- *Energy security*, supply and use: possible scenarios with different environmental and economic implications, choices concerning technologies/policies (carbon capture and sequestration, biofuels, renewable energy)

**Hamid Arastoopour**, Henry R. Linden Professor of Energy, Department of Chemical and Biological Engineering, Illinois Institute of Technology-IIT

**Jatin Nathwani**, Ontario Research Chair in Public Policy and Sustainable Energy Management; Executive Director, Waterloo Institute for Sustainable Energy (WISE), University of Waterloo

- *Food security*: environmental issues and impacts of food production and commerce, including competition for land and water, land for biomass, water for agriculture, and land and water for biodiversity

**Deborah Popper**, Visiting lecturer, Princeton Environmental Institute (PEI), Princeton University

**Sylvain Charlebois**, Associate Dean, Kenneth Levene Graduate School of Business, University of Regina

- *Physical security*: the environmental implications of thicker boundaries, the challenges for conservation, synergies for enforcement

**Armand B. Peschard-Sverdrup**, Senior Associate, Americas Program at the Center for Strategic and International Studies (CSIS)

15:45–16:25 Moderated discussion led by Gordon Lambert, JPAC member for Canada

16:25–16:30 Wrap-up by Irene Henriques, JPAC member for Canada

**16:30–17:30 Networking Session for the Public**

The public is invited to meet and exchange views on North American environmental issues. JPAC members will attend as observers. Participants should appoint the chair of this session, who will present the results at the public portion of the Council Session on 26 June.

**19:00–20:30 Welcoming Reception and Official Opening of the 15<sup>th</sup> Regular Session of the Council (public) - (Department of Foreign Affairs and International Trade, 125 Sussex Drive, 9th floor)**

- Opening remarks by John Baird, Canadian Environment Minister
- Remarks by Stephen L. Johnson, Administrator, US Environmental Protection Agency
- Remarks by Juan Elvira Quesada, Mexican Secretary for Environment and Natural Resources
- Remarks by Jane Gardner, JPAC Chair
- Remarks by Adrián Vázquez, CEC Executive Director

