

climate change conference

**A Globally Integrated
Climate Policy *For* Canada**



A Globally Integrated Climate Policy For Canada

Canada has been an engaged participant in global climate change negotiations since the late 1980s. Until recently, Canadian policy seemed to be driven in large part by a desire to join in multilateral efforts to address climate change. By contrast, current policy is seeking a “made in Canada” approach to the issue. Recent government-sponsored analytic efforts as well as the government’s own stated position and policies have been focused almost entirely on domestic regulation and incentives, domestic opportunities for technological responses, domestic costs, domestic carbon markets and the setting of a domestic carbon “price” at a level to send the appropriate marketplace signal to produce needed reductions. Much less work has been done on the costs, opportunities, or imperatives to participate in international policy or diplomatic initiatives, the opportunities and impacts of regional or global carbon markets, or the advantages and disadvantages of more active participation in the Kyoto mechanisms.

Neither multilaterally driven policy-making nor an inward-looking policy stance will yield effective options for Canada. Neither the expectations of the Canadian public nor Canada’s current or future international commitments are likely to be met by such policies. As the National Roundtable on the Environment and Economy, which has been charged by the government to assess the costs of policy options, recently reported, “Canada’s contribution to the international effort to reduce GHG emissions ... could end up calling for a ‘faster and deeper’ reductions path than currently envisioned by the Government of Canada.” Canada now needs an approach that is sensitive to both domestic priorities and global policy imperatives. The June 2007 G8 Meeting demonstrated that the major international players are moving towards such globally integrated climate policy making.

The goal of this conference is to provide concrete advice for Canada’s international and domestic policy-making at this critical juncture. Canada will need a well-considered position for the next round of global climate negotiations in December 2007 that considers both the domestic and global context. In addition, against the backdrop of looming elections, an increasingly engaged Canadian public demands that federal and provincial leaders present realistic and effective domestic climate change plans. This conference will examine the global and domestic policy environments, bringing together leading academics, policy-makers and stakeholders. It is hoped that what will emerge are policy ideas and options that integrate responses to domestic and international imperatives.

**THIS CONFERENCE IS JOINTLY PRESENTED BY
THE FACULTY OF LAW, THE CENTRE FOR INTERNATIONAL STUDIES,
THE SCHOOL OF PUBLIC POLICY AND GOVERNANCE,
THE DEPARTMENT OF POLITICAL SCIENCE, THE DEPARTMENT OF ECONOMICS,
THE CENTRE FOR ENVIRONMENT,
AND HART HOUSE, UNIVERSITY OF TORONTO**

Schedule

DAY 1: THURSDAY, NOVEMBER 1, 2007

5:00 WELCOME

Vivek Goel, *Vice President and Provost, University of Toronto*
Jutta Brunnée, *Faculty of Law, University of Toronto*

*Paul H. Nitze, School of Advanced International Studies,
Johns Hopkins University*

Sponsored by the Roundtable for the Environment,
University of Toronto

5:15 SESSION I – Keynote Address: *Climate Change Policy Reconsidered*

• Scott Barrett, *Professor and Director, International Policy Program*

6:30 RECEPTION

DAY 2: FRIDAY, NOVEMBER 2, 2007

8:00 COFFEE/CONTINENTAL BREAKFAST

12:30 LUNCH

8:30 WELCOME:

Louise Cowin, *Warden, Hart House*
Anita Anand, *Associate Dean, Faculty of Law, University of Toronto*
Andrew Green, *Faculty of Law and School of Public Policy and Governance, University of Toronto*

1:15 LUNCH ADDRESS

Introduction: David Duff, *Faculty of Law, University of Toronto*

Thomas Homer-Dixon,
*George Ignatieff Chair of Peace and Conflict Studies
Trudeau Centre for Peace and Conflict Studies, University of Toronto*

8:45 SESSION II: CANADA IN THE WORLD

Chair: John Kirton, *Department of Political Science, University of Toronto*

Speakers:

- *EUROPEAN UNION* (Jutta Brunnée, *Faculty of Law, University of Toronto*)
- *UNITED STATES* (David Hunter, *American University*)
- *DEVELOPING COUNTRIES/CHINA* (Lavanya Rajamani, *Centre for Policy Research, India*)

DYNAMIC ICE SHEETS, POSITIVE FEEDBACKS, AND CLIMATE INERTIA: THE NEW SENSE OF URGENCY ABOUT GLOBAL WARMING

2:00 SESSION V: DOMESTIC POLICY TOOLS – THE RIGHT MIX

Chair: David Duff, *Faculty of Law, University of Toronto*

Speakers:

- Mark Jaccard, *Simon Fraser University*
- David Driesen, *Syracuse University*

Commentator: Steven Bernstein, *Department of Political Science, University of Toronto*

Commentator: Andrew Green, *Faculty of Law and School of Public Policy and Governance, University of Toronto*

10:00 SESSION III: GLOBAL REGIME BUILDING – PARAMETERS AND IMPERATIVES FOR CANADA

Chair: Toby Heaps, *Corporate Knights*

Speakers:

- *UNFCCC/KYOTO– STATE OF PLAY AND QUO VADIS* (Matthew Hoffmann, *Social Science Department, University of Toronto*)
- *GRANDFATHERING, CARBON INTENSITY, HISTORICAL RESPONSIBILITY, CONTRACT/CONVERGE?* (Timmons Roberts, *College of William and Mary*)

3:15 BREAK

3:30 SESSION VI: CANADA'S ENERGY POLICY

Chair: Doug Macdonald, *Centre for Environment, University of Toronto*

Speakers:

- Mark Winfield, *York University*
- Ian Rowlands, *University of Waterloo*

Commentator: John Drexhage, *International Institute for Sustainable Development (IISD)*

Commentator: Richard Peltier, *Department of Physics, University of Toronto*

11:00 BREAK

11:15 SESSION IV: CANADA AND THE GLOBAL CARBON MARKET

Chair: Don Dewees, *Department of Economics, University of Toronto*

Speakers:

- *KYOTO MECHANISMS – MAGIC BULLET?* (Meinhard Doelle, *Dalhousie Law School*)
- *LINKING CARBON MARKETS* (Kyle Danish, *Van Ness Feldman*)

4:45 CLOSING ROUNDTABLE – POLICY OBSTACLES AND OPPORTUNITIES

Moderator: Mark Stabile, *School of Public Policy and Governance, University of Toronto*

Panelists:

- Andrew Coyne, *National Post*
- John Drexhage, *International Institute for Sustainable Development*
- Kathryn Harrison, *University of British Columbia*
- Paul Heinbecker, *Centre for International Governance Innovation*

Commentator: Alexander Wood, *National Roundtable on the Environment and the Economy*

5:30 CLOSING
Jutta Brunnée, *Faculty of Law, University of Toronto*

Speaker Biographies

SCOTT BARRETT

Scott Barrett is Professor of Environmental Economics and International Political Economy at the Johns Hopkins University School of Advanced International Studies, where he also directs the International Policy Program and the new Global Health and Foreign Policy Initiative. He is the author of *Environment and Statecraft: The Strategy of Environmental Treaty-Making* (published in paperback by Oxford University Press in 2005) and numerous research and policy papers on climate change. He has also advised a number of international bodies on the subject, including different agencies of the United Nations, the European Commission, the OECD and, most recently, the International Task Force on Global Public Goods. He was a lead author of the second assessment report by the Intergovernmental Panel on Climate Change and was previously a member of the Academic Panel of Environmental Economists to the UK's Department of Environment. Formerly on the faculty of the London Business School, he has also been a Distinguished Visiting Fellow at the Yale Center for the Study of Globalization. He received his PhD in economics from the London School of Economics and studied previously at the University of British Columbia. His latest book, *Why Cooperate? The Incentive to Supply Global Public Goods*, was published by Oxford University Press in September 2007.

STEVEN BERNSTEIN

Steven Bernstein is an Associate Professor of political science and associate director of the Centre for International Studies, University of Toronto. His publications include *Global Liberalism and Political Order: Toward a New Grand Compromise?*, co-edited with Louis W. Pauly (SUNY Press, 2007) and *The Compromise of Liberal Environmentalism* (Columbia University Press, 2001), as well as a number of journal articles and book chapters. His current research focuses on the problem of legitimacy in global governance.

JUTTA BRUNNÉE

Professor of Law and Metcalf Chair in Environmental Law, University of Toronto. Her teaching and research interests are in the areas of Public International Law and International Environmental Law. Her recent work has focused on international law and international relations theory, compliance with international law, the inter-state use of force, domestic application of international law, multilateral environmental agreements, climate change issues and international environmental liability regimes. Professor Brunnée is co-editor of the *Oxford Handbook of International Environmental Law* (Oxford University Press 2007). She is the author of *Acid Rain and Ozone Layer Depletion: International Law and Regulation* (1988), and of numerous articles on topics of international environmental law and international law. She is a member of the International Law Association's Committee on the Use of Force and of World Conservation Union's (IUCN) Environmental Law Commission. In 1998-99, Professor Brunnée was the "Scholar-in-Residence" in the Legal Bureau of the Canadian Department of Foreign Affairs and International Trade, advising, *inter alia*, on matters under the Biodiversity and Climate Change Conventions. She serves on the Board of Editors of the *American Journal of International Law*.

ANDREW COYNE

Andrew Coyne is national affairs columnist for *The National Post*. Raised in Winnipeg, Mr. Coyne graduated with a B.A. in Economics and History from the University of Toronto and a Master's degree from the London School of Economics. He has been an editorial writer and columnist for *The Financial Post*, *The Globe and Mail*, and the Southam newspaper chain. His work has

also appeared in a number of other publications in Canada and abroad, including *The New York Times*, *The Wall Street Journal*, *The National Review*, *Time*, and *Saturday Night*. He is the winner of two National Newspaper Awards and the Hyman Solomon Award for Excellence in Public Policy Journalism.

KYLE DANISH

Kyle Danish is a partner with the law firm of Van Ness Feldman, P.C. He advises a range of clients on environmental matters, with a special focus on corporate climate strategy and emissions trading-related transactions. He is a frequent speaker and has published articles and chapters on international relations, global warming and emissions trading issues, including in the *Boston College Environmental Affairs Law Review*, the *Virginia Journal of International Law*, the *Columbia Journal of Transnational Law*, the *Environmental Law Reporter*, and the *Indiana Journal of Global Legal Studies*. Mr. Danish also has authored several commissioned research papers on climate change and energy policy for think tanks. He is on the editorial board of the *Carbon & Climate Law Review*.

MEINHARD DOELLE

Professor Doelle, BSc (Chemistry), LLB (Dal), LL.M (Osgoode Hall), JSD (Dal), is a full time faculty member at Dalhousie Law School, specializing in environmental law. He teaches Environmental Law I: Introduction to Environmental Law and Policy, Environmental Law II: Environmental Law as Regulatory, Political and Social Process, and Energy Law, and currently serves as the Associate Director of the Marine and Environmental Law Institute. From 1996 to 2001, he was the Executive Director of Clean Nova Scotia, with a mandate to pursue an environmentally healthy and sustainable society in Nova Scotia. He is Environmental Counsel to the Atlantic Canada law firm of Stewart McKelvey, where he has been involved in prosecutions, issues of common law liability, environmental assessments, environmental audits, site assessments, and other environmental law matters. He was the principle legislative drafter of the draft Nova Scotia Environment Act (1995).

Professor Doelle was a policy advisor with the Federal Environmental Assessment Review Office (FEARO) during the development and passage of the Canadian Environmental Assessment Act and regulations. From 2000 to 2006, he has served as an environmental non-governmental representative on the Canadian Delegation for negotiations under the United Nations Framework Convention on Climate Change. He has been a member of the Editorial Advisory Board for Canadian Environmental Regulation and Compliance News since 1997. Professor Doelle has written on a variety of environmental law topics, including climate change, invasive species, environmental assessments, and public participation in environmental decision making. His most recent book is entitled *From Hot Air to Action: Climate Change, Compliance and the Future of International Environmental Law*.

JOHN DREXHAGE

John Drexhage is Director of IISD's Climate Change and Energy Program. With a team of 15 staff and associates across Canada and overseas, Mr. Drexhage's work on climate change is based on 12 years of experience on the issue, first as a domestic advisor and international negotiator on climate change and then as an expert analyst and manager for IISD. Drexhage's expertise covers a broad range of areas related to climate change, and he is currently focusing on regulatory frameworks for greenhouse gas emissions, post-2012 climate change regimes, market based instruments and more

fully exploring linkages between adaptation, mitigation and sustainable development. Drexhage is also a Leading Author with Working Group 3 of the Intergovernmental Panel on Climate Change.

Prior to his current position with IISD, he was Associate Director, with the International Relations Directorate, (Environment Canada) coordinating the Government's policy positions in formal negotiations on climate change. Prior to this position in 1998, his other roles with Environment Canada in respect of Climate Change, included Manager Climate Change – International, Global Air Issues Branch and Senior Policy Advisor, Domestic Climate Change Program representing Environment Canada in federal-provincial negotiations on domestic actions on climate change.

Drexhage is very involved in energy policy, and analysis and modeling as the leader of the climate and energy group at IISD, which provides regular consulting services to energy companies like Manitoba Hydro, TransCanada Pipelines and Suncor Energy. His group has also conducted extensive analysis for government agencies at the federal level (Environment Canada, Foreign Affairs Canada and Natural Resources Canada) and provincial level (Manitoba Government, Alberta Government and Ontario Government).

DAVID DRIESEN

Professor Driesen holds the Angela S. Cooney Professor, Syracuse University College of Law, where he teaches environmental law (domestic and international) and constitutional law. He holds a J.D. from the Yale Law School and served as an attorney in the Natural Resources Defense Council's air and energy program prior to entering academia. He has written frequently about emissions trading, especially in the climate change context and is a member of the editorial board of the Carbon and Climate Change Law Review (Lexxion, Berlin). His writing includes *Environmental Law: A Conceptual and Pragmatic Approach* (Aspen 2007) (with Robert Adler); *The Economic Dynamics of Environmental Law* (MIT Press 2003), *Design, Trading, and Innovation, in Moving to Markets in Environmental Protection: Lessons After 20 Years of Experience* (Jody Freeman and Charles Kolstad eds. Oxford University Press 2007); *Economic Instruments for Sustainable Development, in Environmental Law for Sustainability: A Critical Reader* (Stepan Wood and Benjamin J. Richardson eds. Hart Publications 2005); *Does Emissions Trading Encourage Innovation?* (Environmental Law Reporter, 2003); *Choosing Environmental Instruments in a Transnational Context* (Ecology Law Quarterly 2000); *Free Lunch or a Cheap Fix?: The Emissions Trading Idea and the Climate Change Convention* (Boston College Environmental Affairs Law Review 1998); and *Is Emissions Trading an Economic Incentive Program?: Replacing the Command and Control/Economic Incentive Dichotomy* (Washington & Lee Law Review 1998).

DAVID DUFF

David G. Duff is an Associate Professor at the University of Toronto Faculty of Law, which he joined in 1996. He holds an LL.M. from Harvard and an LL.B. from the University of Toronto, master's degrees in political theory from the University of Toronto and economics from York University, and a B.A. (Honours) from Queen's University.

Prior to joining the Faculty, Professor Duff was a tax associate at the Toronto office of Stikeman, Elliott. He was also employed as a researcher with the Ontario Fair Tax Commission from 1991 to 1993 and as a tax policy analyst with the Ontario Ministry of Finance in 1993-1994. He is a member of the Law Society of Upper Canada and was called to the Bar in 1996. He has been a visiting scholar at the Faculty of Law of Oxford University, at the University of Sydney Law Faculty, and at the Faculty of Law at McGill University.

Professor Duff's teaching and research interests are in the areas of tax law, tax policy, environmental taxation, comparative and international taxation,

statutory interpretation, and distributive justice. He has published numerous articles in the areas of taxation, torts and family law, and a textbook/case-book on *Canadian Income Tax Law*.

ANDREW GREEN

Andrew Green is an Assistant Professor at the Faculty of Law and the School of Public Policy and Governance, University of Toronto. His research interests focus on environmental law, international trade and administrative law, including how international trade rules constrain countries' ability to implement domestic environmental policy, instrument choice in environmental law (including instruments for fostering renewable energy) and the role of law (including administrative law) in fostering individuals' environmental values. Professor Green holds a J.S.D. from the University of Chicago Law School, an LL.B. from the University of Toronto, a master's degree in economics from the University of Toronto and a B.A. (Hons) from Queen's University. Prior to joining the Faculty, he practiced environmental law in Toronto for six years.

KATHRYN HARRISON

Kathryn Harrison is a Professor of Political Science at the University of British Columbia. She has a Bachelor's degree in chemical engineering from the University of Western Ontario, Master's degrees in political science and chemical engineering from the Massachusetts Institute of Technology, and a Ph.D. in political science from UBC. Before entering academia, she worked as a policy analyst for both Environment Canada and the United States Congress. Dr. Harrison is the author of *Passing the Buck: Federalism and Canadian Environmental Policy* (UBC Press, 1996), coauthor of *Risk, Science, and Politics: Regulation of Toxic Substances in Canada and the United States* (McGill-Queen's University Press, 1994), co-editor of *Managing the Environmental Union* (Queen's University School of Policy Studies, 2000), and editor of *Racing to the Bottom? Provincial Interdependence in the Canadian Federation* (UBC Press, 2000). She has published recent articles in *Global Environmental Politics*, *the Canadian Journal of Political Science*, *the Canadian Journal of Economics*, and *the Journal of Policy Analysis and Management*. Her current research focuses on environmental regulation in the context of economic globalization, the efficacy of alternative policy instruments, and comparative climate change policy.

TOBY HEAPS

President, editor and co-founder of *Corporate Knights*, an independent Canadian-based media company focused on prompting and reinforcing sustainable development in Canada. Launched in 2002, *Corporate Knights* magazine is the world's largest circulation magazine dedicated to the subject of responsible business. It is distributed quarterly as an insert to 100,000 subscribers of *The Globe and Mail*. Toby has a Bachelor of Arts degree from McGill University in Economics, with a minor in International Development. From 1997-98, he spent one year in the Belgrade Field Program (LLB in Management Studies) with the London School of Economics and Political Science. Toby has been published in the *Globe and Mail*, *Financial Times*, *Toronto Star* and makes regular appearances on the CBC. His work on climate change includes co-authoring a comprehensive \$100 billion plan detailing how Canada can meet its Kyoto targets and founding *Option: 13*, an international policy-maker and grassroots education campaign to help broker a Post-2012 successor to Kyoto that can be made to work for both developing and developed nations.

PAUL HEINBECKER

CGI Distinguished Fellow, Director of the Centre for Global Relations at Wilfrid Laurier University, and former Canadian diplomat Paul Heinbecker served abroad in Turkey, Sweden and France (with the Permanent

Delegation of Canada to the OECD), in the United States (as minister of Political Affairs in Washington), in Germany as Ambassador of Canada and at the United Nations as ambassador and Permanent Representative of Canada.

At the UN, he promoted the Responsibility to Protect, supported the creation of the International Criminal Court and opposed the war in Iraq. Senior appointments at home have included director of US Relations, head of policy planning, chief foreign policy advisor and speechwriter to Prime Minister Mulroney, Assistant Secretary to the Cabinet for Foreign and Defence Policy, and Assistant Deputy Minister for Global and Security Policy and “political director”. He led task forces on Eastern Zaire and Kosovo, helping to negotiate the end of the Kosovo war, articulated Canadian policy on human security and headed the Canadian delegation on Kyoto.

MATTHEW HOFFMANN

Matthew J. Hoffmann is assistant professor of Political Science at the University of Toronto. His research interests include global environmental governance, the politics of climate change and international relations theory. His recent book *Ozone Depletion and Climate Change: Constructing a Global Response* (State University Press of New York, 2005) examined how evolving international norms influence the governance of ozone depletion and climate change.

THOMAS HOMER-DIXON

Thomas Homer-Dixon holds the George Ignatieff Chair of Peace and Conflict Studies at the Trudeau Centre for Peace and Conflict Studies at University College, University of Toronto.

He was born in Victoria, British Columbia and received his B.A. in political science from Carleton University in 1980 and his Ph.D. from MIT in international relations and defense and arms control policy in 1989. He then moved to the University of Toronto to lead several research projects studying the links between environmental stress and violence in developing countries. Recently, his 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* (Knopf, Island Press, 2006), which won the 2006 National Business Book Award, *The Ingenuity Gap* (Knopf, 2000), which won the 2001 Governor General’s Non-fiction Award, and *Environment, Scarcity, and Violence* (Princeton University Press, 1999), which won the Caldwell Prize of the American Political Science Association.

He lives in a small town in a rural area outside of Toronto, Canada, with his wife Sarah and son Benjamin.

DAVID HUNTER

David Hunter is Assistant Professor of Law and Director of the Environmental Law Program at American University’s Washington College of Law. He teaches US Environmental Law, Comparative Law and the Law of Torts. Professor Hunter is the former Executive Director of the Center for International Environmental Law, a non-governmental organization dedicated to protecting the global environment through the use of international law. Mr. Hunter is also the President of Peregrine Environmental Consulting, and was formerly an environmental consultant to the Czech and Slovak environmental ministries, an environmental Associate at the Washington, D.C. law firm of Skadden, Arps, Slate, Meagher & Flom, and executive director of Water Watch of Oregon, a non-profit organization dedicated to improving

western water laws. He currently serves on the Board of Directors of the Environmental Law Alliance World Wide-US (chair), EarthRights International, the Project on Government Oversight (chair), and Greenpeace USA, Inc. He is a 1982 graduate of the University of Michigan, with a major in economics and political science, and a 1986 graduate of Harvard Law School. Mr. Hunter is author of many articles on international environmental law, and is co-author of the leading textbook in the field: *International Environmental Law and Policy* (Foundation Press: 2001).

MARK JACCARD

Dr. Jaccard has been professor in the School of Resource and Environmental Management at Simon Fraser University, Vancouver, since 1986 – interrupted from 1992-97 while he served as Chair and CEO of the British Columbia Utilities Commission. His PhD is from the Energy Economics and Policy Institute at the University of Grenoble. Mark has served on the Intergovernmental Panel on Climate Change (93-96) and the China Council for International Cooperation on Environment and Development (96-2002). He has chaired several public inquiries, advised governments throughout the world, and is a frequent media contributor. He is a member of Canada’s National Roundtable on the Environment and the Economy, a research fellow at the CD Howe Institute, an advisor to Canada’s Council of Chief Executive Officers, and lead author for policy in the upcoming Global Energy Assessment. He has over 90 academic publications. His 2002 book, *The Cost of Climate Policy*, won the Policy Research Institute award for best policy book in Canada and was shortlisted for the Donner Prize. His 2005 book, *Sustainable Fossil Fuels*, won the Donner Prize for best policy book in Canada. His latest book, *Hot Air*, co-authored with Jeffrey Simpson and Nic Rivers, is published by McClelland and Stewart.

DOUGLAS MACDONALD

Douglas Macdonald, Ph.D., is a Senior Lecturer with the University of Toronto Centre for Environment. He is the author of *The Politics of Pollution*, 1991, and *Business and Environmental Politics in Canada*, 2007. He has written a number of works on climate-change policy and worked with U. of T. students and faculty to generate the handbook, *Ratification of the Kyoto Protocol: A Citizen’s Guide to the Canadian Climate Change Policy Process*, 2002. He is presently completing a study of the major climate-change policy instrument used to date, the Voluntary Challenge and Registry and ÉcoGEstE programs.

W. RICHARD PELTIER

W. Richard Peltier FRSC, DSc received his undergraduate degree in physics from the University of British Columbia and his doctoral degree in physics from the University of Toronto. His research is focused in the area of geophysical fluid dynamics on problems connected with the understanding of processes that control the evolution of the atmosphere, the oceans and the solid Earth, and of long timescale and more recent climate variability. Peltier is a past recipient of the Sloan, Steacie, Killam and Guggenheim Fellowships, is Past President of the Canadian Geophysical Union, Past president of the IUGG Committee on Mathematical Geophysics, and is an elected Fellow of the American Geophysical Union and the American Meteorological Society. He is also a past recipient of the Kirk Bryan Award of the Geological Society of America, the Patterson Medal of the Meteorological Service of Canada, the J. Tuzo Wilson Medal of the Canadian Geophysical Union, and the Bancroft Award and the Miroslav Romanowski Medal of the Royal Society of Canada. In 2004 he was the recipient of the Vetlesen Prize of the G. Unger Vetlesen Foundation, often considered to be the equivalent of the Nobel prize in the Earth Sciences. His current position is as University Professor and Professor of Physics at the University of Toronto where he is the Founding Director of the newly established Centre for Global Change Science.

LAVANYA RAJAMANI

Lavanya Rajamani, B.C.L & D.Phil. (Oxon, Rhodes Scholar), LL.M (Yale), is an Associate Professor at the Centre for Policy Research in New Delhi. She is an international lawyer specializing in environment law and policy. She was previously University Lecturer in Environmental Law and Fellow and Director of Studies in Law at Queens' College, Cambridge.

Rajamani has authored a Monograph on *Differential Treatment in International Environmental Law* (OUP, 2006) and numerous articles in peer-reviewed journals including the *Yearbook of International Environmental Law* and the *Journal of Environmental Law*. In her current research she is exploring ways of further integrating developing countries into international environmental regimes, in particular the climate change regime, and studying national laws and policies in select developing countries (Brazil, China and India) implementing international climate change law. She is also writing a book provisionally titled *International Environmental Law in Indian Courts: the Vanishing Line between Rhetoric and Law*.

Rajamani has been invited to serve as Director of Studies for the 2008 research session on *Implementation of International Environmental Law* at the Hague Academy of International Law. She works as a consultant to the UN Framework Convention on Climate Change Secretariat, and has worked with the UNDP, the World Bank, the Alliance of Small Island States, and the International Institute of Sustainable Development. She is associated with the Yale Centre for Environmental Law and Policy, and serves on the editorial board of the *Review of European Community and International Environmental Law*.

IAN ROWLANDS

Ian Rowlands is an Associate Professor in Department of Environment and Resource Studies at the University of Waterloo. He is also the Associate Dean (Research) in the University's Faculty of Environmental Studies.

Dr. Rowlands has research and teaching interests in the areas of energy management strategies and policy, corporate environmentalism and international environmental relations. His research has been published in many international journals, including *Energy Policy*, *Renewable Energy*, and *Business Strategy and the Environment*. Dr. Rowlands was one of the Canadian representatives to the International Energy Agency Demand Side Management Program's Task XIII on 'Demand Response'. He is also leading an Ontario Centre for Energy project with Milton Hydro on Conservation and Demand Response Strategies.

Dr. Rowlands received his Bachelor's degree in Engineering Science from the University of Toronto, and his doctorate in International Relations from the London School of Economics and Political Science. Before joining the faculty of the University of Waterloo in 1998, he was a researcher at the United Nations Collaborating Centre on Energy and Environment in Denmark (1996-97) and a lecturer in International Relations and Development Studies at the London School of Economics and Political Science (1991-96).

J. TIMMONS ROBERTS

J. Timmons Roberts is Professor of Sociology and Interim Director of Environmental Science and Policy at the College of William and Mary. He holds a B.A. in Biology from Kenyon College and completed his Ph.D. in the

Program in Comparative International Development in the Sociology Department at Johns Hopkins University in 1992. He is co-author of over 40 articles and book chapters, and five books: *From Modernization to Globalization: Perspectives on Social Change and Development* (2000, Blackwell, with Amy Hite), *Chronicles from the Environmental Justice Frontline* (2001, Cambridge, with Melissa Toffolon-Weiss), and *Trouble in Paradise: Globalization and Environmental Crises in Latin America* (2003, Routledge, with Nikki Thanos); *The Globalization and Development Reader* (2007 Blackwell, with Amy Hite), and *A Climate of Injustice: Global Inequality, North-South Politics, and Climate Policy* (2007 MIT Press, with Bradley Parks). Forthcoming is "Greening Aid: Understanding Environmental Foreign Assistance to Developing Countries," with an interdisciplinary research team from William and Mary (2008, Oxford University Press).

Roberts is just back from a year as James Martin 21st Century Research Fellow at the Environmental Change Institute at Oxford University, where he researched "Addressing the Structural Roots of Global Climate Change: Export Profiles, Foreign Assistance, and Pathway Switching to Low-Carbon Development Strategies in Less Developed Countries." The research builds on the MIT book and Roberts' work with the PLAID (Project-Level Aid) research team, which developed the world's largest historical dataset of nearly a half million foreign assistance projects.

MARK STABILE

Mark Stabile is Associate Professor of Business Economics and Public Policy and the Director of School of Public Policy and Governance at the University of Toronto. He is also a Faculty Research Fellow at National Bureau of Economic Research, Cambridge Massachusetts and a fellow at the Rimini Centre for Economic Analysis, Italy. From 2003-2005 he was the Senior Policy Advisor to the Ontario Minister of Finance where he worked on health, education, and tax policy.

His recent work focuses on the economics of child health and development, the public/private mix in the financing of health care, and tax policy and health insurance. His recent publications include "Child Mental Health and Human Capital Accumulation: the Case of ADHD," in the *Journal of Health Economics*, "Socio-economic Status and Child Health: Why is the Gradient Stronger for Older Children," in the *American Economic Review*, "The Integration of Child Tax Credits and Welfare: Evidence from the Canadian National Child Benefit Program," in the *Journal of Public Economics*. He has advised the Senate of Canada, Health Canada, and the Ontario Ministry of Health, among others, on health care reform.

He is co-editor of a forthcoming book on health care reform, *Exploring Social Insurance: Can a Dose of Europe Cure Canadian Health Care Finance*.

MARK WINFIELD

Mark Winfield an Assistant Professor with York University's Faculty of Environmental Studies. Prior to joining FES Dr. Winfield was Program and Policy Director with the Pembina Institute, and prior to that Director of Research with the Canadian Institute for Environmental Law and Policy. Dr. Winfield holds a Ph.D. in Political Science from the University of Toronto, and has published reports, book chapters and papers on a wide range of environmental policy issues.

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