

CLIMATE DIALOGUE AT POCANTICO

CONVENED BY THE
PEW CENTER ON GLOBAL CLIMATE CHANGE

BIOGRAPHIES

CHAIRS

Eileen Claussen is the President of the Pew Center on Global Climate Change and Strategies for the Global Environment. She was formerly U.S. Assistant Secretary of State for Oceans and International Environmental and Scientific Affairs, and Senior Director for Global Environmental Affairs at the National Security Council. She is a Member of the China Council for International Cooperation on Environment and Development and the U.K. Sustainable Energy Policy Advisory Board.

Ged Davis is Managing Director, Head of the Centre for Strategic Insight, and Acting Managing Director of Community Management of the World Economic Forum. He has had a long career with Royal Dutch/Shell Group, which he joined in 1972. He also took on the position of Director of the World Business Council for Sustainable Development's Global Scenarios between 1996-1997. From 1999 until 2003, Mr. Davis was Vice-President, Global Business Environment for Shell International Limited as well as Head of the Scenarios Team. He was also Director of the UNAIDS "AIDS in Africa" scenario project from 2002-2003. Currently, he is also a member of the Board of Governors of the International Development Research Centre in Ottawa, Canada.

PARTICIPANTS

Howard Bamsey is Deputy Secretary in the Department of the Environment and Heritage in Australia. In this capacity, he directs the Australian Greenhouse Office and is responsible for pursuing the Department's extensive international agenda, including climate change and sustainable development, as well as heritage, Antarctic and some corporate matters. Before joining the Department he spent most of his career in the Australian foreign service. He served in the main United Nations centers of New York, Geneva and Vienna as well as other capitals. His positions included Ambassador to the United Nations in Geneva, Ambassador to The Netherlands and Ambassador for the Environment.

Francisco Barnés de Castro has served since February 2004 as a Commissioner at Mexico's Energy Regulatory Commission. He was previously Undersecretary for Energy Policy and Technological Development and Undersecretary for Hydrocarbons in the Ministry of Energy. Dr. Barnés also is on leave from his faculty position in the School of Chemistry at the Universidad Nacional Autónoma de México, where he was appointed Secretary General in 1993 and Rector in 1997. In his academic career, he has also held positions including Head of the

Science and Technology Division at the ENEP Zaragoza, and Secretary General and Dean of the School of Chemistry. As a public officer, he also has served as Technical Director of the Mexican Petrochemical Commission and General Director for the Instituto Mexicano del Petróleo (Mexican Petroleum Institute). Dr. Barnés obtained his B.S. in Chemical Engineering at the Universidad Nacional Autónoma de México, and his M.S. and Ph.D at the University of California, Berkeley.

Howard E. Brown is Assistant Deputy Minister at Natural Resources Canada. He joined the ministry in November 2002 after 15 years at the Department of Finance, most recently as General Director of the International Trade and Finance Branch. At Finance he also served as Assistant Director of the Fiscal Policy Division, and as Finance Counselor at the Canadian Embassy in Washington D.C. Before joining Finance in 1987, Mr. Brown was Director of Macroeconomics for the New York-based Center for Development Technology. Based in Kingston, Jamaica, for over two years, he managed the execution of a number of projects for the Jamaican government, the World Bank, and the Inter-American Development Bank. He has also served as a consultant for the International Monetary Fund in Ukraine and the Harvard Institute for International Development in Indonesia.

Preston Chiaro was appointed Chief Executive of the Energy Group at Rio Tinto in September 2003. He is an environmental engineer with a Bachelor of Science in Environmental Engineering and a Master of Engineering degree. He joined the Group in 1991 at Kennecott Utah Copper Company's Bingham Canyon mine as vice president of technical services. In 1995 he became vice president and general manager of Boron Operations in California. He was chief executive of Rio Tinto Borax from 1999 to 2003.

Jo Cooper is Vice President for Government and Industry Relations at Toyota Motor North America (TMA). Prior to joining Toyota in February 2004, Ms. Cooper served as President and Chief Executive Officer of the Alliance of Automobile Manufacturers. From 1992 to 1999, Ms. Cooper was Vice President for Regulatory Affairs at the American Forest & Paper Association, and previously, Senior Vice President at the Synthetic Organic Chemical Manufacturers Association. Ms. Cooper also served as Assistant Administrator for External Affairs at the U.S. Environmental Protection Agency, and worked for Senate Majority Leader Howard Baker on the Environment and Public Works Committee and for then-Congressman Richard Cheney. Ms. Cooper co-founded Capitoline International Group, Ltd., a Washington, D.C. public affairs firm, and also established an international environmental and energy practice at Hill and Knowlton, Inc. She began her career with the U.S. Environmental Protection Agency's air regulatory program.

Chandrashekar Dasgupta is a Distinguished Fellow at The Energy and Resources Institute in New Delhi, where he works on climate change and sustainable development issues. He is also a member of the Core Group on Climate Change constituted by the Indian Ministry of Environment and Forests. He was a member of the Indian delegation at COP-8 and COP-9. Mr. Dasgupta was a member of the Indian Foreign Service for thirty-eight years, before retiring in 2000. He served as India's high commissioner (ambassador) to Singapore and to Tanzania, and later as ambassador to China and to the European Union. He led the Indian delegation in the negotiations leading up to UNFCCC and the Rio Earth Summit (1992). He served as a vice-chairman of the preparatory committees for both conferences.

Henry Derwent is Director of Climate, Energy, and Environmental Risk at the Department for Environment, Food, and Rural Affairs in the United Kingdom. Mr. Derwent's responsibilities at DEFRA include international and domestic aspects of climate change, as well as sustainable energy (including energy efficiency and social aspects of domestic energy), stratospheric ozone, and hazards from chemicals, radioactivity and biotechnology. He was previously on loan to a major investment bank, and before that worked in the Department of Transport.

Raúl Estrada-Oyuela is Special Representative for International Environmental Affairs at the Ministry of Foreign Affairs in Argentina. He was elected Chairman of the Committee of the Whole of the United Nations Framework Convention on Climate Change (UNFCCC) in 1995, and again in 1997 at the Kyoto conference. He also served as the Chairman of the Ad Hoc Group on the Berlin Mandate and as Chairman and Vice-Chair of the Intergovernmental Negotiating Committee for a Framework Convention on Climate Change. He has served as Argentine Ambassador to the People's Republic of China and member of the Argentine National Commission on Global Change.

Hiroyuki Fukano is Deputy Director-General for Global Environmental Affairs in the Industrial Science & Technology Policy and Environment Bureau of the Japanese Ministry of Economy, Trade and Industry. He was previously Director of Development in the Petroleum Department of the Agency of Natural Resources and Energy (ANRE), Director of Policy Planning and Coordination at the Nuclear and Industrial Safety Agency, and Director of the General Policy Division at ANRE. He was Director-General for Commerce and Labor for Akita Prefecture, and Director for Distribution Industry at the Industrial Policy Bureau. Mr. Fukano is an economist, and holds a degree from Keio University.

Gao Feng was until recently Acting Director-General of the Department of Treaty and Law of the Chinese Ministry of Foreign Affairs. Mr. Gao served as Head and Deputy Head of the Chinese Delegation to the Conferences of the Parties to the Climate Change Convention and the meetings of its Subsidiary Bodies. He has served as Counsellor and Legal Adviser to the Permanent Mission of China to the United Nations in New York. Prior to that he was a member of the Chinese delegation to various multilateral meetings, including desertification, the protection of the ozone layer, Law of the Sea, the transboundary movement of hazardous waste, and the Antarctic Treaty System. Mr. Gao received an LL.M. in Public International Law and Environmental Law from Nottingham University in the UK, a Masters of Law in Public International Law from the College of Foreign Affairs in Beijing, and a Bachelors of Law in International Relations from Beijing University.

Jim Greene is Senior Policy Advisor to the Hon. Senator Joseph R. Biden, Jr., Ranking Minority Member and Former Chairman of the U.S. Senate Foreign Relations Committee. His responsibilities cover international financial institutions, trade, debt, economic development, tax and investment treaties, and international environmental issues and treaties, as well as domestic economic issues including tax, budget, and regulatory issues. Dr. Greene has worked on climate change since 1997 and attended the Kyoto Protocol negotiations and COP4 in Buenos Aires. He helped rewrite the Byrd-Hagel Resolution restating the Sense of the Senate on U.S. participation in international climate change negotiations, which passed the Foreign Relations Committee unanimously. Dr. Greene holds a B.A. from Georgetown University and a Ph.D. in Political Economy from the University of Texas at Austin.

Mark Helmke is a long-time aide to Senate Foreign Relations Committee Chairman Richard G. Lugar. For close to 30 years he has worked for the Senator as his press and political advisor in Indiana, and on national and international affairs. In addition to helping to manage Senator Lugar's 1996 presidential campaign, he was the president of a successful international business and political consulting company. A former journalist, Mr. Helmke has written and spoken on a variety of issues including the collapse of the Soviet Union, the successful Nunn-Lugar program to eliminate weapons of mass destruction, the expansion of the American empire in the 18th century, mental health, and political communications.

Helen Howes joined Exelon Corporation as Vice President, Environment, Health and Safety (EH&S) in July 2003. In that capacity, she leads Exelon's EH&S group, monitors corporate compliance with EH&S policies and programs and helps to develop recommendations for improving environmental risk management. Ms. Howes previously served as Vice President, Sustainable Development, for Ontario Power Generation where she was responsible for managing the sustainable development agenda, overseeing regulatory compliance, and co-ordinating policies/strategies in such areas as green energy, energy efficiency, environmental R&D, and green procurement. Ms. Howes has 23 years of experience in environmental management, environmental strategy/policy development, environmental planning and sustainable development work at the corporate level, plus 3 ½ years of environmental management in a private consulting firm.

Meg McDonald is General Manager Corporate Affairs, Alcoa World Alumina Australia. Prior to joining Alcoa in 2002, Meg was a senior career officer of the Australian Department of Foreign Affairs and Trade (DFAT). An officer of the Commonwealth Public Service from 1978, she has held positions in the Departments of Transport, Finance, and Trade and a diplomatic posting as Counselor in Geneva for the Uruguay Round of multilateral trade negotiations. Ms. McDonald was Ministerial Adviser to three federal portfolio Ministers for Foreign Affairs and Trade. Later, she was head of the Environment and Antarctic Branch of DFAT. Ms. McDonald was appointed Australia's Ambassador for the Environment in 1997 and was her country's lead negotiator for the Kyoto Protocol climate change negotiations. In 1998, Ms. McDonald became Deputy Chief of Mission of the Embassy of Australia in Washington, D.C., where she played a central role in the development of a bilateral Free Trade Agreement between Australia and the United States.

Charles Nicholson was until recently Group Senior Advisor at BP. In a 35-year career with BP, Mr. Nicholson held a variety of posts. In 1975 he became involved with the development of BP's position in the USA and in 1979 moved to New York as Vice-President of Government and Public Affairs. He was later appointed Head of Corporate Communications in London. He has been closely involved with the development of BP's position on the environment and sustainable development. He chairs the Energy & Climate Group of the World Business Council for Sustainable Development. Mr. Nicholson is a graduate of Oxford University and the Sloan Fellowship Programme.

Michael Oppenheimer is the Albert G. Milbank Professor of Geosciences and International Affairs at Princeton University. He is also Director of the Program in Science, Technology and Environmental Policy at the Woodrow Wilson School and Faculty Associate of the Atmospheric and Ocean Sciences Program, Princeton Environmental Institute, and the Center of International

Studies. Dr. Oppenheimer joined the Princeton faculty after more than two decades with Environmental Defense, a non-governmental, environmental organization, where he served as its Chief Scientist and Manager of the Global and Regional Atmosphere Program. He retains his affiliation with Environmental Defense as Science Advisor. Recently, Dr. Oppenheimer has served as a lead author of the Third Assessment Report of the Intergovernmental Panel on Climate Change, on the National Research Council's Panel on the Atmospheric Effects of Aviation, and on several university and institutional advisory boards.

Wendy Poulton is General Manager for Corporate Sustainability at Eskom in Johannesburg, South Africa, where she is responsible for a group working on environmental management, risk management, safety, sustainable development, and related policy and strategy formulation. Her previous positions at Eskom include Corporate Environmental Advisor and Corporate Consultant, where her responsibilities included serving as liaison with national and international bodies and utilities. Ms. Poulton spent a year at the Electric Power Research Institute (EPRI) in Palo Alto, California, where she facilitated all areas of Eskom's business with EPRI, including Generation, Transmission and Distribution, communication and technology transfer. Ms. Poulton's earlier technical responsibilities included work in the fields of microbiology, biotechnology, applied and analytical chemistry, environmental economics, environmental impact assessments and monitoring, and global and regional climate change issues.

Karsten Sach is Deputy Director General of International Cooperation at the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety of Germany. Since 1999, he has been Germany's chief negotiator at the UNFCCC Conferences of the Parties. Prior to leading his Ministry's International Co-operation, Global Conventions, and Climate Change division, Mr. Sach served as Environment Attaché of the Permanent Representation of Germany to the European Union. Before joining the Environment Ministry, Mr. Sach was a researcher and lecturer at various universities, focusing mainly on environmental law. He holds a Doctorate in Law degree.

Enele Sopoaga is Ambassador of Tuvalu to the United Nations and chief negotiator of Tuvalu in the UNFCCC and Kyoto Protocol negotiations. He has represented the Association of Small Island States at the UNFCCC Conferences of the Parties and at the meetings of its subsidiary bodies.

Paul Tebo is a consultant to DuPont Corporation. Until recently, he served as DuPont's Corporate Vice President for Environment where he had global responsibility for integrating safety, health and environmental excellence as a core business strategy. He has championed DuPont's "The Goal is '0'" approach to environmental stewardship, and helped shape DuPont's commitment to sustainable growth, including ambitious renewable energy and resource targets for 2010. Recipient of Tomorrow Magazine's 2000 Environmental Leadership Award, Mr. Tebo has been recognized for bringing a pragmatic business approach to implementing the concepts of sustainable development.

Simon Upton chairs the Round Table on Sustainable Development at the Organisation for Economic Cooperation and Development (OECD). He was first elected to the New Zealand Parliament in 1981 representing the National Party, New Zealand's principal party of the centre-right. He became one of New Zealand's youngest Cabinet Ministers in 1990. During the 1990s,

he held a wide variety of portfolios including Environment, Biosecurity, Science & Technology, Health and State Services. Mr. Upton was appointed a member of the Privy Council in 2000 and retired from politics in 2001. Mr. Upton played an important role in climate change negotiations between 1994 and 1999, and chaired the 1998 meeting of OECD environment ministers and the 7th Session of the Commission of Sustainable Development in 1998-1999. Mr. Upton is a Rhodes Scholar with degrees in English literature, music and law from the University of Auckland and an MLitt in political philosophy from Oxford University.

Everton Vieira Vargas is Special Assistant to the Secretary General of the Brazilian Ministry of Foreign Relations. He was until recently Director of the Department of the Environment and Special Affairs, which oversees Brazil's participation in international meetings and negotiations on issues related to the Environment, Law of the Sea, Antarctica, and Outer Space. A foreign service officer since 1977, he has served at the Brazilian Embassies in Bonn and Tokyo, and at his country's mission to the United Nations in New York. Mr. Vargas has participated in the climate change negotiations since the Intergovernmental Negotiating Committee on the UN Framework Convention on Climate Change in 1990 and has been Brazil's Chief Negotiator since 2000. He also served as Executive Secretary of the National Preparatory Committee for the World Summit on Sustainable Development. Mr. Vargas holds a Law degree from Instituto Rio Branco, a Masters in International Relations from Boston University, and a Doctorate in Sociology from the Universidade de Brasilia.

Michael Zammit Cutajar is Ambassador for International Environmental Affairs by the government of Malta. He headed the secretariat of the United Nations Framework Convention on Climate Change, based in Bonn, Germany, until retiring from that post in January 2002. He held the rank of Assistant Secretary-General of the United Nations and devoted most of his career to work in and around the United Nations on international cooperation for development and environment. Mr. Zammit Cutajar has continued to participate in the international dialogue among governments and the business community on climate change, energy futures and sustainable development. He chairs an independent advisory group for the World Bank's Community Development Carbon Fund, which promotes investment in carbon-saving development projects in poor communities in developing countries. Mr. Zammit Cutajar has maintained a vantage point on Malta's business scene through the Board of a family enterprise and is currently involved in the start-up of an environmental service provider.

Zhou Dadi is Director of the Energy Research Institute of the National Development and Reform Commission of China and founding director of the Beijing Energy Efficiency Center. He has two decades of experience in energy efficiency in China, and is well known nationally and internationally in energy and environmental policy analysis. He was instrumental in developing the \$200 million World Bank/GEF loan for energy efficiency service companies in China, and is deputy director for the \$65 million China Green Lights program. Dr. Zhou has been the lead representative from China to the Intergovernmental Panel on Climate Change. He holds physics and engineering degrees from Tsinghua University in Beijing.

STAFF AND ADVISORS

Daniel Bodansky holds the Emily and Ernest Woodruff Chair in International Law at the University of Georgia. From 1989-2002, Professor Bodansky was a faculty member of the University of Washington School of Law. He took a leave of absence from 1999-2001 to serve as the U.S. Department of State's Climate Change Coordinator, where he was a senior U.S. negotiator and helped coordinate U.S. climate change policy. Professor Bodansky serves on the Board of Editors of the *American Journal of International Law* and is Co-Editor-in-Chief of Kluwer Law International's book series on International Environmental Law and Policy. He earned his J.D. from Yale University, where he was a member of the *Yale Law Journal*, an M.Phil. in the history and philosophy of science from Cambridge University in 1981 and his bachelor's *magna cum laude* from Harvard University in 1979.

Sophie Chou was until recently a Senior International Fellow at the Pew Center on Global Climate Change. Previously, she served at the Environmental Protection Agency's Office of International Activities where she worked on environmental security and bilateral and regional cooperation on water resources management and other issues in the Baltic Sea and Middle East regions. Ms. Chou holds a Masters of Science in Foreign Service from Georgetown University, specializing in international development. Her undergraduate degree is from Indiana University where she studied Environmental Studies and French.

Elliot Diring is Director of International Strategies at the Pew Center on Global Climate Change. Mr. Diring came to the Pew Center from the White House, where he was Deputy Press Secretary to President Clinton. He previously served as Senior Policy Advisor and as Director of Communications at the Council on Environmental Quality, where he helped develop major policy initiatives, led White House press and communications strategy on the environment, and was a member of U.S. delegations to climate change negotiations. From 1983 to 1997, Mr. Diring was a reporter and editor at the San Francisco Chronicle, where he covered the 1992 Earth Summit and authored several award-winning environmental series. In 1995-96, he was a Nieman Fellow at Harvard University, where he studied international environmental law and policy.

Christie Jorge-Tresolini joined the Pew Center in 1999 as a Senior International Fellow. Prior to joining Pew, she spent three years at the Organization of American States Unit for Sustainable Development and Environment, developing a hemispheric strategy for public participation in development decision-making. She also spent two years as a foreign law associate with the North-South Centers Environmental Law Program, providing legal policy support to countries in Latin America and the Caribbean through technical assistance and training. Ms. Jorge holds a Masters of Law degree from American University, with a specialization in development, environment, and trade, where she received the Outstanding Graduate Award. She also holds a Bachelor of Laws degree from the Universidad Católica Madre y Maestra in Santo Domingo, Dominican Republic.

Joanna Lewis recently joined the Pew Center as a Senior International Fellow. Prior to joining the Pew Center, Dr. Lewis worked for five years as a researcher with Lawrence Berkeley National Laboratory's China Energy Group. She has also served as a consultant to the Center for Resource Solutions providing technical assistance for renewable energy policy design and implementation to the Chinese government. She has conducted extensive research on China's energy system and on policy options to promote renewable energy utilization, and from 2003-2004 was a visiting

scholar at Tsinghua University's Institute of Energy, Environment and Economy. She has also worked at the National Wildlife Federation, Environmental Defense, and the White House Council on Environmental Quality. Dr. Lewis holds a Master's and a Ph.D. in Energy and Resources from the University of California, Berkeley, and a Bachelor's degree in Environmental Science and Policy from Duke University.

Jonathan Pershing is the Director of the Climate, Energy and Pollution Program at the World Resources Institute in Washington, D.C. Before joining WRI, he was Head of the Energy and Environment Division at the International Energy Agency in Paris. He coordinated all IEA work on energy-related environmental issues and served as the IEA representative to the UN climate negotiations and the UN Sustainable Development sessions. Prior to his IEA tenure, Dr. Pershing served in the U.S. Department of State, where he was both Deputy Director and Science Advisor for the Office of Global Change. He was a U.S. negotiator for the 1992 UN Framework Convention on Climate Change and its 1997 Kyoto Protocol. From 1981-1985, he worked in Alaska for ARCO Exploration Company as an oil geologist, and for a small mining company exploring for gold, silver, platinum and base metals. Dr. Pershing has written and lectured extensively on issues related to climate change, international negotiations and environmental policy and has served as a Review Editor for the IPCC TAR.

Xueman Wang is the lead counsel on climate change for the Centre for International Sustainable Development Law. From 1997-2001, she was on the staff of the secretariat of the UN Framework Convention on Climate Change, with responsibility for issues relating to preparation for the implementation of the Kyoto Protocol. She was deeply involved in developing the compliance mechanisms for the UNFCCC and its Kyoto Protocol. She held positions with the Ministry of Foreign Affairs of China from 1991 to 1997, and participated in the negotiation of the Kyoto Protocol as a member of the Chinese delegation. Ms. Wang holds a bachelors degree and masters degree of law from Wu Han University and an M.A. in international affairs from the Fletcher School of Law and Diplomacy at Tufts University.