



**Cynthia Rosenzweig**

Dr. Cynthia Rosenzweig is a Senior Research Scientist at the NASA Goddard Institute for Space Studies where she heads the Climate Impacts Group. She co-lead the Metropolitan East Coast Regional Climate Assessment of the US National Assessment and is a Coordinating Lead Author for the IPCC Working Group II Fourth Assessment Report. A Guggenheim Fellowship recipient, she has joined impact models with global and regional climate models to predict outcomes of land-based and urban systems under altered climate conditions. Dr. Rosenzweig holds joint appointments as Professor of Environmental Science at Barnard College and Senior Research Scientist at the The Earth Institute at Columbia University.



**Jeffrey Sachs**

Dr. Jeffrey D. Sachs is Director of The Earth Institute at Columbia University, as well as Quetelet Professor of Sustainable Development and Professor of Health Policy and Management at Columbia University. He is also Director of the UN Millennium Project and Special Advisor to United Nations Secretary-General Kofi Annan on the Millennium Development Goals, the internationally agreed goals to reduce extreme poverty, disease and hunger by the year 2015. Sachs is internationally renowned for advising governments in Latin America, Eastern Europe, the former Soviet Union, Asia and Africa on economic reforms and for his work with international agencies. He was recently named among the 100 most influential leaders in the world by Time Magazine. Dr. Sachs is the author of hundreds of scholarly articles and many books. He was recently elected into the Institute of Medicine and is a Research Associate of the National Bureau of Economic Research. Prior to joining Columbia, Dr. Sachs spent more than 20 years at Harvard University, most recently as Director of the Center for International Development.



**Richard L. Sandor**

Dr. Richard L. Sandor is Chairman and CEO of the Chicago Climate Exchange, a self-regulatory exchange that administers the world's first (and North America's only) multi-national and multi-sector marketplace for reducing and trading greenhouse gas emissions. He was honored by the City of Chicago and the Chicago Board of Trade for his contribution to the creation of financial futures and his universal recognition as the "father of financial futures." In 2002, Time magazine named him one of its "Heroes for the Planet" for founding the Chicago Climate Exchange. In November 2004, Dr. Sandor was the recipient of a degree of Doctor of Science, honoris causa, by the Swiss Federal Institute of Technology (ETH) of Zurich, Switzerland for his pioneer work on innovative market-based mechanisms to address environmental concerns. In May 2005, Dr. Sandor was named by Treasury and Risk Management magazine as one of the "100 Most Influential People in Finance." Dr. Sandor received his Bachelor of Arts degree from the City University of New York, Brooklyn College, and holds a Ph.D. in Economics from the University of Minnesota.



**Christopher Walker**

Christopher Walker is Managing Director, Swiss Re Sustainability Business Development, the unit charged with developing commercial applications for Swiss Re sustainability commitments and in particular business opportunities in sustainability, ecosystem markets, emissions reductions and renewables. The unit examines business opportunities across a wide spectrum of financial service products including insurance, structured finance, third-party asset management and investments as well as the identification of risks to Swiss Re's (re)insurance and investment activities. Mr. Walker also serves as a North American Sustainability Officer and government affairs liaison on climate change/GHG emissions issues. Mr. Walker received his BA in Government from St. John's University, and is also a graduate of the St. John's University School of Law. Before joining Swiss Re in 1996, he practiced law in New York and New Jersey.

# Climate Change Futures

## Health, Ecological and Economic Dimensions

### Presenters



**John R. Coomber**

John R. Coomber was appointed Chief Executive Officer of Swiss Re Group on January 1, 2003. He became a member of the Executive Board in April 1995, responsible for the Group's Life & Health division. In June 2000, he became a member of the Executive Board Committee. Mr. Coomber graduated in theoretical mechanics from Nottingham University in 1970. He started his career in insurance with the Phoenix Insurance Company and in 1973 moved to Swiss Re. Having qualified as an actuary in 1974, he became involved in all aspects of the company's life reinsurance activities. He then served as appointed actuary of Swiss Re (UK) from 1983 to 1990 and became general manager and head of its life division in 1987. After becoming deputy CEO in 1992, he was nominated director and CEO of Swiss Re (UK) in January 1993, in which capacity he was also responsible for the company's property and casualty business. Mr. Coomber also serves as a member of the Supervisory Board of Euler Hermes.



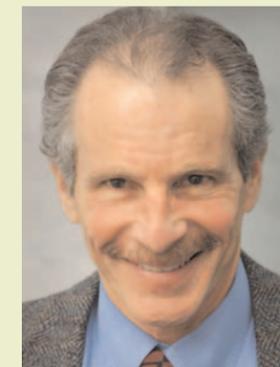
**Amy Davidsen**

Amy Davidsen is Director of the Office of Environmental Affairs for JPMorgan Chase, responsible for establishing global policies and procedures regarding environmental issues. Ms. Davidsen has more than 18 years of banking experience and, most recently, was in Global Philanthropic Services for JPMorgan's Private Bank. Her particular areas of expertise include advising global clients on philanthropic efforts directed toward the environment, micro-credit, human rights and venture philanthropy. Ms. Davidsen has held positions auditing the firm's international loan portfolio, managing the banking relationships of domestic financial institutions, and advising not-for-profits, law firms and individual clients on their financial needs. From 1988-1990, Ms. Davidsen was the Finance Manager of Women's World Banking, an international not-for-profit dedicated to providing women access to credit. Ms. Davidsen holds a B.A. in Mathematics from Brown University.



**Jacques E. Dubois**

Jacques E. Dubois, Chairman and Chief Executive Officer of Swiss Re America Holding Corporation, joined Swiss Re in conjunction with the company's acquisition of Life Re in 1998. In June 2000, he was appointed a member of the Executive Board and Deputy Head of the Life & Health Business Group. On January 1, 2005, he relinquished his position in the Life & Health Business Group to refocus his role within the Executive Board. In addition to his role as Chairman of Swiss Re America Holding Corporation, he is in charge of Swiss Re Group Corporate Development and US Public Affairs. A respected insurance industry voice on emerging risks such as climate change and terrorism, Mr. Dubois has been involved in the Climate Change Futures project since its inception.



**Paul Epstein**

Paul R. Epstein, M.D., M.P.H. is Associate Director of the Center for Health and the Global Environment at Harvard Medical School, and is a medical doctor trained in tropical public health. Paul has worked in medical, teaching and research capacities in Africa, Asia and Latin America. In 1993, he coordinated an eight-part series on Health and Climate Change for the British medical journal Lancet. He has worked with the Intergovernmental Panel on Climate Change (IPCC), the National Academy of Sciences (NAS), the National Oceanic and Atmospheric Administration (NOAA) and the National Aeronautics and Space Administration (NASA) to assess the health impacts of climate change and develop health applications of climate forecasting.





**Denise Furey**

Denise Furey is Senior Director of the Fitch Ratings Global Power Group. Her responsibilities include the analysis and rating of electric utilities, energy marketers and wholesale electric generators. Prior to joining Fitch in 2002, Denise was senior director of Enron Corp., responsible for counterparty analysis of the company's large retail energy customers. Ms. Furey also worked in commercial banking and bond insurance, most recently with MBIA, analyzing energy companies and structured finance transactions. She holds a BSFS in international politics from Georgetown University and an MBA in finance from New York University.



**Charles McNeill**

Charles McNeill is manager of the Environment Program Team within the United Nations Development Programme (UNDP) and oversees the UNDP's Environment Global Program. This program is designed to forward the achievement of the Millennium Development Goals by supporting UNDP's strategic initiatives in the priority areas of biodiversity and ecosystem services, climate change, land, water, poverty-environment linkages, and community-based activities, and to benefit UNDP's more than 140 country offices around the world. Dr. McNeill also manages UNDP's program on Biodiversity Conservation and Poverty Reduction, which includes the Equator Initiative, a multi-partner effort to foster successful community initiatives in the Equatorial belt to reduce poverty through the protection and wise use of biodiversity. Dr. McNeill oversees UNDP's participation in the Convention on Biological Diversity and is also responsible for UNDP's work on 'public private partnerships' that offer companies and customers opportunities to reduce or offset the environmental impact of their production and consumption.



**Ellen V. Futter**

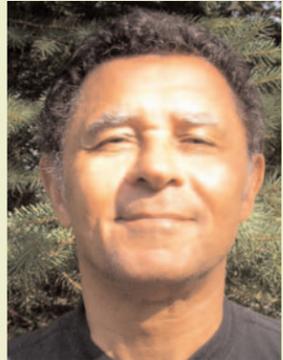
Ellen V. Futter has been President of the American Museum of Natural History since November 1993. She previously served for 13 years as President of Barnard College, and at the time of her inauguration was the youngest person to assume presidency of a major American college. She is a director of several organizations and has a strong record of public service, including having served as Chairman of the Federal Reserve Bank of New York. Ms. Futter is a fellow of the American Academy of Arts and Sciences, and a member of the Council on Foreign Relations. She has been awarded numerous honorary degrees in addition to graduating Phi Beta Kappa, magna cum laude from Barnard College in 1971. She earned her J.D. degree from Columbia University Law School in 1974.



**Ivo Menzinger**

Ivo Menzinger has worked for Swiss Re since January 1998, starting as specialist for natural hazard and flood risk assessment in the Group's Cat Perils team in Zurich. In January 2000, he was appointed head of the Flood Research Team and in January 2003, assumed direction of the Cat Perils group in Swiss Re's Chief Underwriting Office Hub in Munich. In late 2004, he was appointed Managing Director of the group's sustainability department in Zurich, before he assumed direction of the Sustainability & Emerging Risk Management department within Swiss Re's Risk Management Division. He holds a Master of Science degree in Environmental Sciences from the Federal Institute of Technology in Switzerland (ETH), complemented by graduate studies in the US and postgraduate studies in Costa Rica.

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**Ray Hayes**

Dr. Raymond Hayes is the past Vice President of the Association of Marine Laboratories of the Caribbean, a Corporation Member of the Marine Biological Laboratory (Woods Hole), and a fellow of the American Association for the Advancement of Science. He is a certified SCUBA instructor, an Associate Member of the Advisory Council on Underwater Archaeology, and a member of the Boards of two international maritime archaeological groups. Dr. Hayes is an affiliate of the Undersea Hyperbaric Medical Society and Physicians for Social Responsibility. He is the co-founder of the Human Health and Climate Change Symposium of the International Conference on Global Warming. Dr. Hayes studied at Amherst College and the University of Michigan, and has taught on the faculty of several medical schools including Harvard, the University of Pittsburgh, Morehouse Medical School, Howard University and the University of the West Indies (Jamaica).



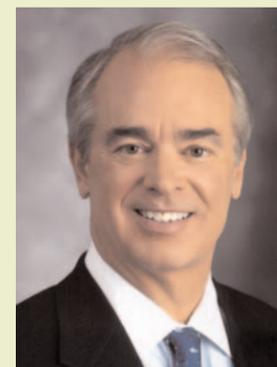
**Evan Mills**

Dr. Evan Mills has worked on energy and environment projects since the early 1980s as an economist, engineer and policy analyst. Trained as an interdisciplinary energy analyst, he received his Master of Science degree from the Energy and Resources Group at the University of California at Berkeley and his Ph.D. from the Department of Environmental and Energy Systems Studies at the University of Lund in Sweden. Dr. Mills worked for several years with the Swedish State Power Board and the Swedish National Board for Industrial and Technical Development on energy projects. He is currently a staff scientist at the US Department of Energy's Lawrence Berkeley National Laboratory (LBNL), one of the world's leading research centers on energy and environment. Dr. Mills is a past leader of LBNL's Center for Building Science. An author of numerous scientific and general-audience publications, he is an expert on energy efficiency and recently served as a Convening Lead Author for the IPCC Third Assessment Report and is contributing to the Fourth Assessment due for release in 2007.



**Larry Kalkstein**

Dr. Laurence Kalkstein is a bioclimatologist and Senior Research Fellow at the University of Delaware's Center for Climatic Research. He is principal investigator on many contracts dealing with the development and implementation of heat/health watch warning systems for major cities around the world. His other research encompasses topics ranging from asthma/weather relationships to the spread of airborne plant diseases. Dr. Kalkstein is president of the International Society of Biometeorology, the world's largest biometeorological organization. In addition, the World Meteorological Organization appointed him leader of its expert team on operational heat/health warnings. He has published more than 120 peer-reviewed manuscripts and book chapters in climatological, geographical, and medical journals and has been editor for two major climatological journals.



**James Rogers**

James E. Rogers, Chief Executive Officer of Cinergy Corp., has served in that role for 17 years, starting as CEO of PSI Energy. Before joining PSI, he was Executive Vice President, Interstate Pipelines for the Enron Gas Pipeline Group. He formerly served as director of Duke Realty Corporation, Bankers Life Holding Corporation, A O Irkutskenergo (a Russian hydroelectric/coal-fired steam utility), INB (Indiana National Bank) and NBD Indiana Inc. In addition to having served on several posts of the Edison Electric Institute, he also sits on the Board of Cinergy Corp., Fifththird Bancorp, Fifth Third Bank, the American Gas Association, the US Chamber of Commerce, Business Roundtable and National Coal Council, Inc. He has published numerous articles on energy and environmental issues.