

Participants

Bruce Babbitt is an attorney at Latham & Watkins, LLP in Washington DC. He was U.S. Secretary of the Interior from 1993 to 2001. In that position he initiated a large scale habitat conservation planning process leading to regional land use plans, initiated and led negotiations that produced lower Colorado River and statewide California water plans, drafted plans to restore the Florida Everglades, and helped enact the California Desert Protection Act. He was an attorney with Steptoe & Johnson in Phoenix from 1988-93. Previously he served as Attorney General (1975-78) and Governor (1978-87) of Arizona and was a candidate for President of the U.S. in 1988. He has a B.A. in geology from Notre Dame, an M.S. in geophysics from the University of Newcastle upon Tyne, and a law degree from Harvard Law School.

Harriet C. (Hattie) Babbitt is Senior Vice President of Hunt Alternatives Fund and directs their Washington DC office. Ambassador Babbitt previously served as Deputy Administrator of the Agency for International Development, overseeing democratization, women's empowerment, economic growth, education, health, environmental and population programs. She was U.S. Ambassador to the Organization of American States (1993-97), leading the U.S. negotiating team to completion of the world's first anti-corruption convention and helping strengthen the Inter-American Human Rights Commission. She has served as a Senior Public Policy Scholar at the Woodrow Wilson International Center for Scholars and spent almost 20 years as a practicing attorney. She serves on the board of

directors of the National Democratic Institute for International Affairs, the American Bar Association Central Europe and Eurasia Legal Institute, and Population Action International. She is a member of the Council on Foreign Relations.

James E. Brumm is Executive Vice President and General Counsel of Mitsubishi International Corporation, a subsidiary of Mitsubishi Corporation of Japan. He has been with Mitsubishi International Corporation since 1977 including two years in Japan and one year in Australia for Mitsubishi Corporation. He is a director of Mitsubishi International Corporation and was a director of Mitsubishi Corporation of Japan from 1995 to 2002. He is also on the board of Tembec Inc., a Canadian forest products company. He is President of the Mitsubishi International Corporation Foundation and serves on the boards of Forest Trends, the American Bird Conservancy and Sanctuary for Families. Prior to joining Mitsubishi he practiced with law firms in New York and Tokyo for seven years. He has a Bachelor's Degree from California State University at Fresno in 1965 and graduated from Columbia University School of Law in 1968.

Stephen Cox is a senior fellow at the World Wildlife Fund-US. At the time of this Forum he was director of the World Resources Institute's (WRI) biological resources program and executive director of Global Forest Watch. Previously he was vice president of The Nature Conservancy, where he rebuilt and expanded their Brazil program and directed their Latin America and the Caribbean work. He founded and directed Fundación Acceso, a non-profit technical assistance firm in Costa Rica, and served as director of planning and development of the Instituto Centroamericano de Administración de Empresas (INCAE), Latin America's leading graduate school of management. He was Ford Foundation program director in Mexico and Central America, and representative for the Inter-American Foundation in Peru and Bolivia. He has a B.A. in Latin American economic development from the University of California at Berkeley and a masters in public policy from Harvard.

Gretchen C. Daily is Associate Professor (Research) in the Department of Biological Sciences, Director of the Tropical Research Program of the Center for Conservation Biology, and Senior Fellow

at the Institute for International Studies at Stanford University. Upon receiving her Ph.D. in Biological Sciences from Stanford, she was granted the Frances Lou Kallman Award for Excellence in Science and Graduate Study (1992). She was named a Pew Fellow in Conservation and the Environment (1994), a fellow of the Aldo Leopold Leadership Program (1999), a recipient of the 21st Century Scientist Award (2000), a Smith Senior Scholar of The Nature Conservancy (2003), and a Fellow of the American Academy of Arts and Sciences (2003). She has published over 125 scientific and popular articles. Her most recent book is *The New Economy of Nature: The Quest to Make Conservation Profitable*, coauthored with journalist Katherine Ellison (2002, Island Press).

Mohamed T. El-Ashry was CEO and Chairman of the Global Environment Facility from 1994 to 2003 and during its Pilot Phase (1991-1994). Previously he served as Chief Environmental Adviser to the President and Director of the Environment Department at the World Bank, as Senior Vice President of the World Resources Institute, and as Director of Environmental Quality with the Tennessee Valley Authority. He has held teaching and research positions at Cairo University, Pan-American-U.A.R. Oil Company, Illinois Geological Survey, Wilkes University and the Environmental Defense Fund. He has also served as Senior Environmental Adviser to UNDP, Special Adviser to the Secretary General of the 1992 U.N. Conference on Environment and Development, and member of the World Water Commission. He has a B.S. with honors from the University of Cairo and a Ph.D. in Geology from the University of Illinois.

Robert Engelman is Vice President for Research at Population Action International (PAI), a policy and research organization. He has written extensively, including chapters in 10 books, on the linkages between human population and environmental change. His scientific publications include a paper in the journal *Nature* on population and biodiversity. Engelman serves as a visiting lecturer at Yale University and chairs the board of the Center for a New American Dream, a non-profit organization working to reduce natural-resource consumption. A former newspaper reporter and a founding member of the Society of Environmental Journalists,

Engelman was awarded a Pulitzer Traveling Fellowship upon graduating with a Masters of Science from Columbia University.

John Fitzgerald is Director of the Multilateral Development Bank Program at the Government Accountability Project, a law firm and advocacy group protecting whistleblowers. Before joining GAP, he was in the Policy Bureau of the U.S. Agency for International Development helping develop and enforce environmental policies in direct and multilateral aid. From 1984 to 1999 he was an attorney and lobbyist for conservation groups, including ten years as chief counsel for Defenders of Wildlife, working on international and domestic wildlife law. From 1979 to 1984 he was a legislative aide and subcommittee counsel in the U.S. House of Representatives. From 1973 to 1979 in addition to completing his formal education he helped organize the Indiana and initial U.S. public interest research groups and the Indiana Citizen's Energy Coalition, and he chaired the District of Columbia chapter of Common Cause.

Michael Jenkins is the founding President of Forest Trends, a non-profit organization created in 1999. Its mission is to maintain and restore forest ecosystems by promoting incentives that diversify trade in the forest sector, moving beyond exclusive focus on lumber and fiber, to a broader range of products and services. Previously he worked as a Senior Forestry Advisor to the World Bank (1998), as Associate Director for the Global Security and Sustainability Program of the MacArthur Foundation (1988-98), as an agroforester in Haiti with U.S.A.I.D. (1983-86), and as technical advisor with Appropriate Technology International (1981-82). He has also worked in forestry projects in Brazil and the Dominican Republic and was a Peace Corps volunteer in Paraguay. He has a Master's of Forest Science from Yale University and speaks Spanish, French, Portuguese, Creole and Guaraní.

Nancy Knowlton is Director of the Center for Marine Biodiversity and Conservation (CMBC), and a Professor of marine biology at the Scripps Institution of Oceanography of the University of California at San Diego. She also maintains a part-time position at the Smithsonian Tropical Research Institute in Panama. She is a fellow of the American Association for the Advancement of Science and the Aldo Leopold Leadership Program. Her research focuses on the ecol-

ogy and evolution of coral reef organisms. A summa cum laude graduate of Harvard, she received her PhD from Berkeley. Following a NATO postdoctoral fellowship at the University of Liverpool, she joined the faculty of Yale. She moved to the Smithsonian Tropical Research Institute in 1984, and to the Scripps Institution 1998. She has also been affiliated with the Zoology Department of Oxford University and the Zoology Institute of the University of Basel.

James P. Leape is Director of the Conservation and Science Program at the Packard Foundation. Before coming to the Foundation in 2001, he was Executive Vice President of World Wildlife Fund, overseeing WWF's conservation programs. He had previously worked as a law professor at the University of Utah and the University of Colorado, and as a lawyer with the United Nations Environment Programme in Nairobi, Kenya, the National Audubon Society, and the U.S. Department of Justice. He is a graduate of Harvard College and Harvard Law School. He is the co-author of *Environmental Regulation: Law, Science, and Policy*, a leading law school text on environmental law.

David C. Lowy was Vice President, Environmental Affairs for Altria at the time of this Forum. Altria Group, Inc. is the parent company of Kraft Foods, Philip Morris International, Philip Morris USA and Philip Morris Capital Corporation. Altria Group is also the largest shareholder in the world's second-largest brewer, SABMiller plc, with a 36% economic interest. Prior to joining Altria in 2000, he was Associate Director of the Conference Board's Townley Global Management Center for Environment, Health and Safety. He began his career in the Hydrological and Environmental Affairs Department of Mobil Oil Corporation's Alternative Energy Division, and later joined Union Carbide Corporation's corporate Health, Safety and Environmental Affairs department. He holds degrees in physics and public health.

Charles Ian McNeill is manager of the Environment Program Team within the UN Development Programme (UNDP). He oversees the UNDP's Environment Global Program and manages their program on Biodiversity Conservation and Poverty Reduction and participation in the Convention on Biological Diversity. He oversees work on

the Equator Initiative and is responsible for the environment group's work on Public-Private Partnerships. Previously he served as Coordinator of the Sustainable Energy and Environment Division's Center of Experimentation (1998-2001) and helped establish and build UNDP's first major environment program. From 1992 to 1996, he worked with the Global Environment Facility (GEF). Prior to 1991 he worked in the non-governmental sector, focusing on hunger eradication and sustainable development programs in South Asia and Africa. After receiving his Ph.D. in Genetics from the University of California at Davis he held several academic posts.

Carlos Murillo-Rodriguez is currently a current researcher at the International Center for Economic Policy (CINPE), Universidad Nacional, Costa Rica, where he was founder and first Director. He also works as an international consultant and expert advisor in development economics, trade and environment. Murillo was formerly Vice Minister of Foreign Trade in Costa Rica, Chairman of the Preparatory Committee for the Free Trade Area of the Americas (FTAA), and President of the FTAA Working Group on Investment. He is the author of several journal articles and a Member the Boards of Directors of ICTSD (International Centre for Trade and Sustainable Development), CEDARENA (Legal Center for Environment and Natural Resources), the Strategy Advisory Group of INBIO (National Institute for Biodiversity), and a former Member of the First Board of the Latin American Association of Environmental Economists (ALEAR).

Daniel Nepstad, a tropical forest ecologist, has studied the ecological effects of land-use and climate change on Amazon forests for 18 years. He is a Senior Scientist and leads the Amazon Program at the Woods Hole Research Center. He is also a Lecturer at the Yale School of Forestry & Environmental Studies, and Visiting Professor at the Federal University of Rio de Janeiro and the Federal University of Pará, in Brazil. In 1995, he co-founded the Amazon Institute of Environmental Studies (Instituto de Pesquisas Ambientais da Amazônia) in Belém, now the largest non-governmental research institution in Amazonia. He has published more than 60 scientific articles and books on Amazon forests. In 1994 he was awarded a Pew Scholars Fellowship in Conservation. He received his BA at

Kalamazoo College, MS in Botany at Michigan State University, and PhD in Forest Ecology at Yale.

Dierk Peters is International Marketing Manager for Unilever's sustainability initiatives (agriculture and fish) within the Ice Cream and Frozen Food-Europe Business Group. After studying national economics, psychology and sociology and a dissertation in regional economic policy at Hamburg University, he joined Unilever-Germany in 1977. In 1989 he took a sabbatical leave with a German political foundation as director of a training center in Portugal for young third world politicians. After his return to Germany he was head of the Customer Marketing Department of the local Ice Cream and Frozen Food company. He is a member of Unilever's Sustainable Agriculture Implementation Group-Vegetables and the Fish Sustainability Initiative Steering Group, responsible for marketing and stakeholder communication. He is a member of the Stakeholder Council of the Marine Stewardship Council.

Rudy Rabbinge is Dean of the Wageningen Graduate Schools (Netherlands) and university professor for sustainable development and systems innovation. A biologist, he has served as professor of Theoretical Production Ecology (1978-1998); led various missions and agricultural programs in developing countries; edited several journals; and published more than 100 scientific articles, five textbooks and more than 200 other publications. He served on the board of six centers of the Consultative Group on International Agricultural Research (CGIAR) and was chairman of the board of IRRI (1995-2000), member of the Prime Minister's Scientific Council for Government Policy (1988-1998), senior advisor to the Minister of Agriculture, Fisheries and Nature (1992-1999), and is currently a Senator in the Dutch Parliament, chairman of the Royal Institute of the Tropics, and member of the board of various international agribusiness firms.

John A. (Jack) Riggs is Executive Director of the Program on Energy, the Environment, and the Economy at The Aspen Institute. From 1993 to 1995, he was Principal Deputy Assistant Secretary and Acting Assistant Secretary for Policy at the Department of Energy, and he served for 20 years on the staff of the U.S. Congress, including 13 years as staff director of the House Subcommittee on Energy and Power. He

also served in Vietnam and Brazil with the Agency for International Development and has taught energy at the University of Pennsylvania. He is a graduate of Swarthmore College, where he is a member of the Board of Managers, and has a masters degree in public policy from the Woodrow Wilson School at Princeton University.

José Sarukhán was Director of the Instituto de Biología (1979-87), Vice Chancellor for Science (1987-88), and Rector of UNAM (National Autonomous University of Mexico) (1989-97). In 1997 he returned to his post as Professor in the Institute of Ecology. He was appointed by President Fox as Commissioner for Human and Social Development (2000-02). He was president of the Mexican Academy of Sciences (1984-85), and has been Coordinator of the National Committee on the Study and Conservation of Biodiversity (CONABIO) since 1992. He was Chairman of DIVERSITAS (ICSU/UNESCO) and is a member of the board of the World Resources Institute. He chairs the trination-al committee on the effects of transgenic maize in Mexican maize land races, and is a foreign member of the U.S. NAS and the Royal Society. He has an undergraduate degree in Biology from UNAM, a Master's in Agricultural Botany and a Ph.D. in Ecology .

Jorge Soberón M. is Executive Secretary of the Mexican National Commission on Biodiversity (CONABIO). Previously he was a Senior Researcher and Coordinator of the Ph.D program in the Center of Ecology, and head of Graduate Students in the School of Sciences, at the National University of Mexico (UNAM). He has been a member of the Subsidiary Technical Advisory Panel to the GEF and the Scientific Advisory Group of the Center for Applied Biodiversity Science, Conservation International; a Board member of the International Centre of Insect Physiology and Ecology, of Nature Serve, and of the All Species Foundation; and Scientific Vice President of Pronatura. He has been a delegate to all Conferences of the Parties of the Convention on Biological Diversity, and to several CITES and SBSTTA meetings. He has a B. Sc. and M. Sc. in Biology from UNAM and a Ph. D from Imperial College, London University.

Paul V. Tebo of The Tebo Group has over 34 years of experience in research, engineering, planning, telecommunications and business. At the time of this Forum he was corporate vice president - safety, health and environment for DuPont. Previously he served as vice president and general manager for DuPont global petrochemicals. He received his BS from Tufts University and his PhD from Lehigh University, both in chemical engineering. He is former board chair of The Keystone Center, serves on the board of the Stroud Water Research Center, and has served as national director of the American Institute of Chemical Engineers. He has received the Management Division Award from the AIChE, the Outstanding Alumni Award from Lehigh University, the Environmental Leadership Award from Tomorrow Magazine, the Conservation Leadership Award from The Conservation Fund, and the Spirit of Keystone Award from The Keystone Center.

Joseph B. Verrengia is a science writer on the national staff of Associated Press. His interests include biodiversity, human origins and primates, climate change and the oceans, bioterrorism, and sustainable development. He is a graduate of Columbia University and has held several university and foundation fellowships, including a Knight Fellowship in Science Journalism at MIT. In 1997 he was a visiting journalist in Antarctica with the National Science Foundation. He is the author of three books, most recently "Vanishing Colorado", which examines biodiversity changes over the past 150 years. His journalism prizes include the inaugural John B. Oakes Award for Distinguished Environmental Reporting, the APME deadline reporting award for coverage of the Columbine school shootings (shared), and the Genesis Prize for wildlife reporting for his work on primate extinction, from Rwanda to Borneo.