

## Authors of Forewords and Preface Essays

**Rajendra K. Pachauri** (India) has been the chief executive of TERI since 1981, designated initially as Director and since April 2001 as Director-General. In April 2002 he was elected as Chairman of the *Intergovernmental Panel on Climate Change* (IPCC), which was established by the *World Meteorological Organization* (WMO) and the *United Nations Environment Programme* (UNEP) in 1988. IPCC along with former Vice President Al Gore has been awarded the *Nobel Peace Prize* for the year 2007. Dr. Pachauri has a PhD in industrial engineering and a PhD in economics. He has been on several international and national committees including membership of the Economic Advisory Council to the Prime Minister of India, the *Advisory Board on Energy* (ABE) which reported directly to the Prime Minister of India, a senior advisor to the Administrator of the *United Nations Development Programme* (UNDP) and several others. He has been President (1988) and Chairman (1989-90) of the *International Association for Energy Economics* (IAEE). He has been President of the Asian Energy Institute since 1992. In April 1999, he was appointed member of the Board of Directors of the *Institute for Global Environmental Strategies* (IGES), Japan and continues to hold this appointment. He was awarded the 'Padma Bhushan' in 2001 by the President of India and he was also bestowed the 'Officier De La Légion D'Honneur' by the Government of France in 2006. He has been active in several international forums dealing with the subject of climate change and its policy dimensions. He was conferred with the 'Padma Vibhushan', second highest civilian award, for his services in the field of science and engineering in January 2008 by the President of India.

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**Achim Steiner** (Germany), Executive Director of the United Nations Environment Programme (UNEP) and Under-Secretary General of the United Nations. Following the nomination by the Secretary-General, the General Assembly, on 16 March 2006, elected Mr. Steiner unanimously as UNEP's fifth Executive Director for a four-year term. Prior he was the Director-General of IUCN - the World Conservation Union - the world's largest environmental network with over 1,000 members including states, government agencies, and non-governmental organizations in 140 countries. He has worked both at the grass-roots level and at the highest levels of international policymaking to address the interface between environmental sustainability, social equity, and economic development. His professional career has included assignments with governmental and non-governmental, as well as international organizations in different parts of the world. In Washington, where he was Senior Policy Adviser of the IUCN Global Policy Unit, he led the development of new partnerships between the environment

community and the World Bank and United Nations system. In South-East Asia, he worked as Chief Technical Adviser on a programme for sustainable management of Mekong River watersheds and community-based natural resources management. In 1998, he was appointed Secretary-General of the World Commission on Dams, based in South Africa, where he managed a global programme of work to bring together the public sector, civil society, and the private sector in a global policy process on dams and development. In 2001, he was appointed Director-General of the World Conservation Union, one of the most influential and highly respected organizations in the field of conservation, environment and natural resources management. As Chief Executive, he has held responsibility for the management and oversight of 1,000 staff located in 42 countries, implementing the Union's global work programme. His professional track record in the fields of sustainable development policy and environmental management, his first-hand knowledge of civil society, governmental and international organizations, as well as his global experience spanning five continents make him an excellent choice to lead the United Nations Environment Programme. Mr. Steiner was born in Brazil in 1961 where he lived for 10 years. His educational background includes a Bachelor of Arts from the University of Oxford, as well as a Master of Arts from the University of London with specialization in development economics, regional planning, and international development and environment policy. He also studied at the German Development Institute in Berlin, as well as the Harvard Business School. He serves on a number of international advisory boards, including the *China Council for International Cooperation on Environment and Development* (CCICED).

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**U. Joy Ogwu** (Nigeria), Ambassador, is the Permanent Representative of the Federal Republic of Nigeria to the United Nations. She was Minister of Foreign Affairs of Nigeria (2006-2007) and previously she served as Director General of the *Nigerian Institute of International Affairs* (NIIA), Nigeria, as chair of the Centre for Advanced Social Science in Port-Harcourt and as chairperson of the United Nations Secretary-General's Advisory Board on Disarmament Matters for 2006. She is a professor of political science and international relations. She obtained her BA and MA in political science from Rutgers University (USA) and a Ph.D. from the University of Lagos in Nigeria in 1977, when she joined the Institute of International Affairs at the University of Lagos. She lectured at the *Nigerian National War College* and the *Nigerian Institute for Policy and Strategic Studies* (NIPSS), later she joined the NIIA as a lecturer,

headed the research department on international politics before she became Director General of the NIIA. In her studies she focused on Latin America and on possibilities of a South-South relationship between Sub-Saharan Africa and Latin America. In her activities in the government as a member of the *Presidential Advisory Council on International Relations* she influenced the relationship of Nigeria with South America and she initiated the *United Nations Educational Social and Cultural Organization* (UNESCO) funded programme for teaching human rights in Nigerian schools. Her publications include: (Ed.): *Nigerian Foreign Policy: Alternative Futures* (Macmillan 1986); (Ed.): *Nigeria's International Economic Relation; Dimensions of Dependence and Change* (1988, rev. 2005); *The Economic Diplomacy of the Nigerian State* (1992, 2001); *The Nigerian Navy and the South Atlantic* (1995); (Ed.): *New Horizons for Nigeria in World Affairs* (2005). She has published extensively in scholarly journals and books and lectured on South-South and Latin America's foreign relations. Several publications appeared in Portuguese, Spanish, French and Croatian.s

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**Stavros Dimas** (Greece) has been European Commissioner for the Environment since November 2004 and from March 2004 - October 2004 he was European Commissioner for Employment and Social Affairs. Stavros C. Dimas has studied law and economics at the University of Athens in Greece and at New York University in the USA and has worked as a lawyer for the legal department of the *International Finance Corporation* (IFC) a branch of the World Bank (1970-1975) and Sullivan & Cromwell, a Wall Street law firm (1969-1970), and from 1975-1977 he was Deputy Governor of the Hellenic Industrial Development Bank. He has been elected to the Greek Parliament ten consecutive times since 1977-2004 representing the party of New Democracy and has held leading posts in Greek politics, among them as member of the negotiating committee for the accession of Greece to the EEC (1977); Deputy Minister of Economic Coordination (1977-1980); Minister of Trade (1980-1981); Parliamentary spokesperson for New Democracy (1985-1989); Minister of Agriculture (1989-1990); Minister of Industry, Energy and Technology (1990-1991); Secretary General of New Democracy (1995-2000); senior member of the Political Analysis Steering Committee of New Democracy (2000-2003); head of the New Democracy delegation, Council of Europe (2000-2004).

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**Luc Gnacadja** (Benin) is the Executive Secretary of the United Nations Convention to Combat Desertification (UNCCD). He is an architect by profession, having graduated from the African School of Architecture and Urbanism in Lome. He is also the successful CEO of a consultancy firm and an accomplished manager, honing his skills at the Harvard University Kennedy School of Government and the World Bank Training Institute. He was Minister of Environment, Housing and Urban Development of Benin (1999-2005). He gained first hand knowledge of the UNCCD process over several years as head of delegation to the Conference of the Parties to the UNCCD. He was also head of delegation to the Conference of the Parties to the *United Nations Convention on Climate Change* (UNFCCC) and the *Convention on Biological Diversity* (CBD). His pronounced leadership qualities enabled him at the national level to initiate and build synergies between the Rio conventions, in conjunction with the National Commission on Sustainable Development. He has served as chairman of several international ministerial conferences, meetings and workshops related to the environment, urban and regional development, and sustainable development, including the African Ministers Conference on Environment and the Commission on Sustainable Development. In March 2003 Mr. Gnacadja was honoured with the "2002 Green Award" in Washington by the World Bank.

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**Sálvano Briceño** (Venezuela): Ph.D. (University of Paris II (Panthéon-Sorbonne), Paris, France). Sálvano Briceño was appointed the director of the secretariat of the *International Strategy for Disaster Reduction* (UN/ISDR) in June 2001. His career spans over several decades and has focused on the management of environmental and sustainable development programmes at the United Nations, the *World Conservation Union* (IUCN) and the government of Venezuela. Prior to joining UN/ISDR, Mr. Briceño was the coordinator of the BIOTRADE and GHG Emissions Trading Initiatives of the *UN Conference on Trade and Development* (UNCTAD), Geneva (1999-2001). Before that, he was deputy executive secretary of the *UN Convention to Combat Desertification* (UNCCD) secretariat (1996-1999), following several years as the coordinator of Intergovernmental and Institutional Support of the *UN Framework Convention on Climate Change* (UNFCCC) where he was responsible for assisting the Executive Secretary with management, legal, information support, external relations and interagency relations of the organization (1991-1996). Further UN experience includes five years with UNEP's Caribbean Environment Programme at Kingston, Jamaica, where he collaborated closely with the Pan-Caribbean Disaster Preparedness and Prevention Programme (1987-1991). Earlier in his career, Mr. Briceño joined the *World Conservation Union* (IUCN) as the executive officer of IUCN's Commission on Education, where he focused on environ-

mental education programmes and coordinated a world-wide network of experts (1985-1987). During the 1980's he worked as research associate at Harvard University's Energy and Environment Policy Center, following an active career with the Ministry of Environment and Renewable Natural Resources in Venezuela where he was Director General responsible for environmental education, professional development and international relations.

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**Michael Zammit Cutajar** (Malta) was executive secretary of the UN Framework Convention on Climate Change (1996-2002), after having set up and directed the secretariat supporting the UN's climate change negotiations. He began his UN career in UNCTAD and returned in several senior capacities (1967-71, 1974-78, and 1986-91) and also worked for the UN Conference on the Human Environment and UNEP (1971-74)). Over the 1980's, he joined the International Foundation for Development Alternatives and was a consultant to the UN Office for Emergency Operations in Africa and the Office for Special Political Affairs. He was born in Malta and educated there at St. Edward's College and also at the University of London.

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**Vandana Shiva** (India) is a physicist, ecofeminist, environmental activist and author of over 300 papers in leading scientific and technical journals. She was trained as a physicist and received her Ph.D. in physics at the University of Western Ontario in 1978. She continued with interdisciplinary research in science, technology and environmental policy at the Indian Institute of Science and the Indian Institute of Management in Bangalore. In 1982, she founded the Research Foundation for Science, Technology and Ecology. She has fought for changes in the practice and paradigms of agriculture and food, intellectual property rights, biodiversity, biotechnology, bioethics and genetic engineering. She has assisted grassroots organizations of the green movement in Africa, Asia, Latin America, Ireland, Switzerland and Austria with campaigns against genetic engineering. She has served as an adviser to governments in India and abroad as well as to NGOs, including the *International Forum on Globalisation*, the *Women's Environment & Development Organization* and the *Third World Network*. She participated in the nonviolent *Chipko movement* during the 1970's, and she established *Navdanya*, a movement for biodiversity conservation and farmers' rights. She is a leader of the *International Forum on Globalization*, and of the *alter-globalization movement*. She has argued for traditional practices in her book *Vedic Ecology*. She received the *Right Livelihood Award* (Alternative Nobel Prize); the Global 500 Award of the *United Nations Environment Programme* (UNEP) both in 1993, and the Earth Day International Award of the *United Nations* (UN). Additional awards include: Order of the Golden Ark, by his Royal Highness Prince Bernhard of the Netherlands

(1993); VIDA SANA International Award, Spain; "Pride of the Doon" Award from Doon Citizen Council, Dehra Dun, India (1995); The Golden Plant Award, Denmark (1997); Alfonso Comin Award, Barcelona, Spain (1998); Commemorative Medal by Her Royal Highness Princess Maha Chakri Sirindhorn of Thailand; Medal of the Presidency of the Italian Republic from the International Scientific Committee of the Pio Manzu Centre at Rimini; Pellegrino Artusi Award, Italy (2000); HORIZON 3000 Award of Austria (2001). Among her major publications are: (co-authored with H.C. Sharatchandra, J. Banyopadhyay): *Social Economic and Ecological Impact of Social Forestry in Kolar* (Bangalore: Bangalore Indian Institute of Management, 1981); *Staying Alive: Women, Ecology and Survival in India* (New Delhi: Zed Press, 1988); *Ecology and the Politics of Survival: Conflicts Over Natural Resources in India* (Thousand Oaks, CA: Sage, 1991); *The Violence of the Green Revolution: Ecological degradation and political conflict in Punjab* (New Delhi: Zed, 1992); (Ed.): *Biodiversity: Social and Ecological Perspectives* (London: Zed, 1992); (Ed.): *Women, Ecology and Health: Rebuilding Connections* (New Delhi: Dag Hammarskjöld Foundation and Kali for Women, 1993); *Monocultures of the Mind: Biodiversity, Biotechnology and Agriculture* (New Delhi: Zed, 1993); (co-author with Maria Mies): *Ecofeminism*, (Halifax: Fernwood Publications, 1993); *Close to Home: Women Reconnect Ecology, Health and Development Worldwide* (London: Earthscan, 1994); (co-author with: Ingunn Moser): *Biopolitics* (London: Zed, 1995); *Biopiracy: the Plunder of Nature and Knowledge* (Cambridge, MA: South End Press, 1997); *Stolen Harvest: The Hijacking of the Global Food Supply* (Cambridge, MA: South End Press, 1999); (co-author with Maria Mies): *Thames and Hudson*, 2000); *Patents, Myths and Reality* (New Delhi: Penguin India, 2001); *Water Wars* (Boston: South End Press, 2001); *Vedic Ecology: Practical Wisdom for Surviving the 21st Century* (Novato, CA: Mandala Publishing Group, 2002); *Water Wars; Privatization, Pollution, and Profit* (Cambridge, MA: South End Press, 2002); *Globalization's New Wars: Seed, Water and Life Forms* (New Delhi: Women Unlimited, 2005); *Earth Democracy; Justice, Sustainability, and Peace* (Cambridge, MA: South End Press, 2005).

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