



## Roundtable Workshop Environment and Security:

# Challenges for Change

IUCN World Conservation Congress 2008, Barcelona  
Congress Centre, Room 134, 6 October 16.30-20.00 hrs

## List of Participants

### Acuna Garcia, Monica

Master in Polluting Processes and the Defense of the Natural Environment, Polytechnic University of Madrid, Spain. MA Candidate, Natural Resources and Peace, University for Peace, Costa Rica. Chemist, University of Costa Rica. Areas of interests: Urban Environment & Conservation; Conservation & Poverty Alleviation; Adaptation to Climate Change; Environmental Security & Vulnerability Reduction. Disciplines: Natural Resources, Sustainable Development, Peace Building, Urban Environment, Environmental Assessment, Environmental Management, Chemistry. At present, Ms. Acuña is conducting research in the field of Protected Areas and Poverty Alleviation in collaboration with IUCN Regional Office Mesoamerica.



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### Boon von Ochssee, Ton

Mr. G. A. (Ton) Boon von Ochssée is since September 2008 the Netherlands Ambassador in Kuwait. Previously he was Ambassador for Sustainable Development and Chair of the Inter Ministerial Task Force Johannesburg of the Netherlands Ministry of Foreign Affairs. Before that he coordinated at the GEF Secretariat efforts with the Implementing Agencies, UNDP, UNEP and the World Bank to strengthen member country involvement in the GEF. He prepared policy conclusions for the GEF Council and conducted consultations with the Implementing Agencies in the formulation of strategies, business plans and action plans. In the period 2000 to 2002 he coordinated the GEF involvement in the preparation of the World Summit which took place in Johannesburg, September 2002. From 1995 to 1999 he was advisor on policies related to Climate Change/Ozone Depletion at the Ministry of Foreign Affairs. He developed at the Ministry of Foreign Affairs (DGIS) in the Hague a Climate Change Study Programme for Developing Countries. He participated in the negotiations to implement the Climate Change Convention and in the negotiations leading to the Kyoto Protocol in 1997. Before that he was posted as a foreign service career officer at the Netherlands Consulate-General in Chicago (US), and at Embassies in Kinshasa, Riyadh and Tunis. From 1984 to 1987 he was desk-officer at the Ministry in the Directorate for Economic Cooperation. From 1979 to 1981 he was with FAO, as Environmental Toxicologist involved in the applied research programme of FAO and WHO, in Zambia and Burkina Faso.



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### **Canals, Purificació**

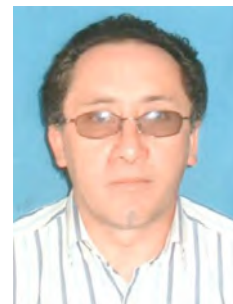
Puri Canals is Vice President of IUCN. She is also a Regional Councillor for West Europe, having been elected at the World Conservation Congress in Amman (October 2000) and re-elected in Bangkok (November 2004). She's a biologist and has a PhD in Biochemistry and Physiology from the University of Barcelona.--Puri has been actively involved in Spanish and international conservation organisations for over 20 years. She is currently the President of DEPANA (Catalonia) and teaches Physiology, at the Rovira i Virgili University in Tarragona, were she was also professor of Aeronautical Medicine and Environment and Aviation from 2001 to 2005. In addition, she's the manager of international projects at the Barcelona based environmental consulting firm "Taller de Ingeniería Ambiental S.L."--Puri has also been the Chair of the Preparatory Committee for the 4th World Conservation Congress, until middle July 2008 when she started her campaign to be a candidate to IUCN's Presidency.



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### **Carvajal, Miguel**

Vice Minister of Defence, Ecuador.



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### **Catarious, David**

Dr. Catarious is a Research Analyst and Project Director at CNA, a non-profit think tank which provides analysis and solutions for national security leaders and public sector organizations. Dr. Catarious is currently directing a group of twelve retired flag and general officers in examining the Department of Defense's role in achieving a more energy- and climate-secure future. He was also a co-author of the April 2007 CNA report National Security and the Threat of Climate Change. His focus on environmental security spans the areas of climate change, national security, energy security, and homeland security. --Prior to joining CNA, Dr. Catarious worked on energy and environmental policy issues for Rep. Ed Markey as a Congressional Science Fellow for the American Association for the Advancement of Science (AAAS). While on the Hill, Dr. Catarious focused specifically on the issues of climate change, energy independence, biofuels, renewable energy, and the Arctic National Wildlife Refuge. --Dr. Catarious holds a doctorate in biomedical engineering from Duke University as well as masters and bachelors degrees in mathematics from Virginia Tech. He is also a Fellow of the Truman National Security Project.



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**Chowdhury, Abdul-Muyeed**

Was an Advisor in the non-party Care Taker Government of Bangladesh from Jul-Oct, 2001. Held charge of following five Ministries- Information, Housing and Public Works, Environment and Forests, Land, and Food. Joined erstwhile Civil Service of Pakistan (CSP) in 1967 through the Superior Services examination conducted by the Central Public Service Commission. Served the government from October, 1967 to July 2000 for almost 33 years in various field level posts and administrative, management and policy level jobs at different tiers of the government as a career civil servant.



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**Darwish, Ali**

Ali Darwish, Lebanon, is Chief Technical Advisor in Agriculture for the German Technical Cooperation Agency since May 2005. Prior to this appointment, he worked as Project Manager for the National Action Programme to Combat Desertification (for the implementation of UNCCD), UNDP/Ministry of Agriculture and as a Free Lance Consultant-Agriculture, Environment and Development. He is Chair of the Lebanese National Committee for IUCN. -- He is also Treasurer of the Green Line Association, Lebanon (an NGO member of IUCN); Regional Focal Point, International NGO/CSO Planning Committee for Food Sovereignty; Member, National Steering Committee for the GEF Small Grants Programme, Lebanon; Member of the World Commission on Protected Areas (WCPA) and Steering Committee Member of the Commission on Environmental, Economic and Social Policy (CEESP). --His professional experience has included the design, coordination and implementation of several initiatives on Sustainable Management of Natural Resources, Poverty Alleviation and Rural Development; a major contribution to the setting up of a Lebanese Organic Farming System (institutional and legal); working with many international agencies on development priorities in Lebanon and the region; and lobbying on trade related issues, food sovereignty and sustainable livelihoods.



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**Deuwa, Arzu**

Dr. Deuba (born January 26, 1962) worked with IUCN during the implementation of the National Conservation Strategy from 1990 to 1993 and as Program Coordinator of the Communications and Public Information Program. The main responsibility was focused on strengthening local environmental organizations. Public information programs about conservation issues and environmental activism (against mines, pollution, unsustainable infrastructure projects) were



successfully pioneered during this period in Nepal. The NGOs strengthened during that period are still at the forefront of environment conservation initiatives today. She served as Environment and Energy Advisor to the Canadian Cooperation Office in Nepal in 1993-1995. Her responsibilities included providing technical assistance to the Water and Energy Commission Secretariat of the Ministry of Water Resources, Government of Nepal. Deuba is executive chairperson of SAMANATA - Institute for Social and Gender Equality - since June 1997. She is the former president of the Management Association of Nepal (MAN) - the first woman to be elected to that post and for two terms. And from 1998 to 2006, she served as advisor to WWF/Nepal program. She was responsible for preparing Nepal's State of the Environment Report for the year 2000 and 2001 for the Ministry of Environment. She also prepared the Public Information Strategy for the Ministry of Environment, 1999-2000 (ADB/MOPE/IUCN). She worked as Team Leader for the review, assessment and program design of NARMSAP (Natural Resource Management Sector Programme, MOF/GON and DANIDA) for its national program as well as SABIHA (JICA/Department of Soil Conservation and Watershed Management) (2003/2004). She is a member of Nepal's recently constituted Constituent Assembly.

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**Doorman, Ewout**

Ewout Doorman studied International Relations at the University of Groningen and the Universidad Autónoma de Madrid. He has had internship positions with GLOBE Europe, a Brussels based network of European parliamentarians, and with the Delegation of the European Commission in Washington DC. Ewout is currently Programme Assistant for the Diplomacy Programme of the Institute for Environmental Security in the Hague.



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**Dabelko, Geoffrey**

Geoffrey D. Dabelko is director of the Environmental Change and Security Program (ECSP), a fourteen year-old nonpartisan policy forum on environment, population, health, and security issues at the Woodrow Wilson International Center for Scholars in Washington, DC. He is also an adjunct professor at the Monterey Institute of International Studies. He has held prior positions with the Council on Foreign Relations, Foreign Policy, and Georgetown University's School of Foreign Service. Dr. Dabelko's current research focuses on environment, conflict, and cooperation with a special emphasis on environmental pathways to peacebuilding. He is principal investigator for ECSP's Navigating Peace Water Initiative and co-editor with Ken Conca of Green Planet Blues: Environmental Politics from Stockholm to Johannesburg and Environmental Peacemaking. He is a member of advisory or editorial boards for the UN Environment Programme, International Human Dimensions Programme on Global Environmental Change, Global Environmental Change, Wilton Park USA Foundation, Center for Unconventional Security Affairs at the University of California, Irvine, Pell Center for International Relations and Public Policy, Screenscope, Inc., and Circle of Blue. Dr. Dabelko received a Ph.D. in government and politics from the University of Maryland and an AB in political science from Duke University.



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**Garnett, Tommy**

Stephen Tommy Garnett is the director and founder of the Environmental Foundation for Africa, a Sierra Leone -based NGO with regional focus, working to empower the local people to protect the integrity of nature in Africa . From 1998 to date, EFA led by TG, has been a partner of the UNHCR, working in Guinea , Liberia and Sierra Leone to address the environmental impacts of conflict and displacement in these war torn countries. The work has focused mainly on: environmental assessments in war affected areas, public awareness, advocacy, development of learning materials and tools, training of beneficiary groups and staff of humanitarian relief organisations in integrating environmental management in post conflict relief operations. From 2003-2007 TG was a member of the UN panel of experts on Liberia, monitoring the humanitarian impacts of the sanctions which were imposed by the security council, because of the role diamonds and timber played in fueling conflict across the region.



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**Goodman, Sherri**

Sherri Goodman is General Counsel and Corporate Secretary of CNA, a non-profit think tank which provides analysis and solutions for national security leaders and public sector organizations. She is also the Executive Director of the Military Advisory Board for CNA's project on National Security and the Threat of Climate Change. She is member of the Council on Foreign Relations Task Force, Confronting Climate Change: A Strategy for U.S. Foreign Policy. --Ms. Goodman was the Deputy Under Secretary of Defense (Environmental Security) from 1993-2001. As the chief environmental, safety, and occupational health officer for the Department of Defense, Ms. Goodman was responsible for over \$5 billion in annual defense spending including programs on energy efficiency and climate change, cleanup at active and closing bases, compliance with environmental laws, environmental cooperation with foreign militaries, and conservation of natural and cultural resources. Ms. Goodman has twice received the DoD medal for Distinguished Public Service, the Gold Medal from the American Defense Preparedness Association, and EPA's Climate Change Award. --Ms. Goodman received a J.D. cum laude from the Harvard Law School and a Masters in Public Policy from Harvard's John F. Kennedy School of Government. She received her Bachelor of Arts summa cum laude from Amherst College.



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**Grigoriev, Paul**

Paul Grigoriev holds degrees in biology (Bachelors), natural resource management (Masters) and protected area planning and management (PhD). Prior to joining IUCN, he worked for more than ten years for provincial and national protected area agencies in Canada as a resource management specialist and conservation biologist. He subsequently founded a consulting firm specializing in protected area and biodiversity conservation issues. This work took Paul to numerous countries in Central and Eastern Europe, Russia, Pakistan, Central Asia, south-east Asia, the Caribbean, Central America, and North America. Clients have included UNDP, UNEP, the World Bank, IUCN, WWF, other conservation non-governmental organizations, as well as consulting firms.



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**Guthridge-Gould, Susan**

Susan Guthridge-Gould writes for the Commission on Education and Communication (CEC) of the International Union for Conservation of Nature (IUCN) in Gland, Switzerland. She will report on this workshop in collaboration with organizer Frits Hesselink. Susan writes for two IUCN Commissions, United Nations Population Fund, United Nations Development Programme and UNICEF. She has nearly 20 years of experience in nonprofit communications and holds a master's degree in magazine journalism from the S.I. Newhouse School of Public Communications at Syracuse University. Her bachelor's degree is in environmental planning studies and English. Susan resides in Rhinebeck, New York. Her website is [www.sggwrites.com](http://www.sggwrites.com)



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**Hesselink, Frits**

Frits Hesselink (Netherlands, 1945) is a former Chair (1994-2000) of the IUCN Commission on Education and Communication ([www.iucn.org/cec](http://www.iucn.org/cec)). He has a background in International Law and started his career in 1970 as a Fellow at the Institute for International Law of the State University of Utrecht. In 1975 he co-founded the Dutch Institute for Environmental Communication, of which he was an executive director from 1983-1998. During this period he and his Institute played a leading role in the preparation, design and management of several of the Dutch Interdepartmental Programs for Environmental Education. Since 1998 Frits Hesselink is executive director of HECT Consultancy, a private company working for international organizations, governments, NGOs and the private sector. HECT Consultancy is specialised in stakeholder management for sustainable solutions. Services include research & advice, meeting management, coaching and training ([www.hect.nl](http://www.hect.nl)).



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**Holowesko, Lynn P**

Senator The Hon. Lynn Pyfrom Holowesko C.B.E., J.P. Nassau, Bahamas; B.A. Catholic University of America; Bahamas Bar 1985; Attorney-at-Law, Bahamas Bar Association, International Bar Association, Justice of the Peace; Senator in Bahamian Parliament 2000 to 2002 & 2007 to present: elected President of the Bahamas Senate 2007; Ambassador for Environment 1994-2000; head of Bahamas' delegations Convention on Biological Diversity, Framework Convention on Climate Change and UN Commission on Sustainable Development; Chair - Legal Drafting Committee, Cartagena Protocol on Biosafety; Co-Chair of the UNEP Panel of Experts on Environmental Law, Montevideo Programme; founded and Chaired Bahamas Environment Science & Technology Commission 1994 – 2000; currently serving second term as Regional Councillor for IUCN; currently Chair of Finance & Audit Committee, Co-Chair of the Resolutions Working Group for Congress; Chair of IUCN Task Force on Governance 2000 – 2004; longest-serving President of Bahamas National Trust 1976-1982 & 1984 - 1991; Bahamas National Trust's 25th Anniversary Award for Outstanding Contribution to Conservation; Commander of the Most Excellent Order of the British Empire (CBE) in the Queen's Fiftieth Anniversary awards (2001), Commonwealth of The Bahamas Silver Jubilee Award and Business and Professional Women's Association Outstanding Business Woman of the Year Award (1984).



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**Jabbar, Javed**

Javed Jabbar has diverse interests in mass media, international and national affairs, the environment, voluntary development work, social and cultural issues. He is Chairman and Chief Executive of J.J. Media (Pvt.) Ltd. in Pakistan and has written and produced a new feature film for international cinema in 2008 titled: "Ramchand Pakistani" which has won the International Critics Prize in July 2008. --As part of his voluntary work, he is one of the four elected global Vice Presidents & a Regional Councillor for West Asia of IUCN–International Union for Conservation of Nature (2005-2008). He is the co-founder of the Social Policy & Development Centre, Karachi, the South Asian Media Association and several research centres and grass-roots development organisations which work in about 2000 villages and towns of Pakistan. He has served as Minister in three Federal Cabinets of Pakistan and as a Senator. The Ministries he has headed include Information & Media Development, Petroleum & Natural Resources, Science & Technology and he has also served as Advisor on National Affairs with General Pervez Musharraf (1999-2000) after which he resigned from the Cabinet. He has a long association with Track-II diplomacy & regional security issues. He has drafted several progressive laws and policies including the original PEMRA law for private electronic media. His writings have been published in 10 books on a range of subjects and he has made several award-winning documentaries, and Pakistan's first English language cinema film: "Beyond the last mountain." (1976).



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**Jensen, David**

**David Jensen** heads the Policy and Planning Team of the UN Environment Programme's Post-Conflict and Disaster Management Branch, Geneva, Switzerland. Since 2000, he has worked on 10 post-conflict operations either as a technical expert or as a project coordinator. In countries ranging from Afghanistan and Iraq to Sudan and DR Congo, he has worked on assessing and addressing the linkages between environmental degradation and the impacts on human health, livelihoods and security. Jensen is now leading UNEP's efforts to provide technical expertise on environment, conflict and peacebuilding to the Peacebuilding Commission and the United Nations Development Group. In this capacity, he is the co-author of a new UNEP publication entitled "From conflict to peacebuilding: the role of natural resources and the environment". He holds a Bachelor Degree in Geography from the University of Victoria and a Masters Degree in Biology from the University of Oxford. For more information, see <http://postconflict.unep.ch>.



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**Kabraji, Aban**

Ms. Aban Marker Kabraji has dedicated 20 years of her professional career to IUCN. She first joined IUCN as the Country Representative for Pakistan in 1988 for 11 years before initiating the establishment of an IUCN Asia Regional Office in Bangkok. She is also the Director General's Senior Adviser on Regionalization matters globally. Ms. Kabraji co-chairs the Regional Steering Committee for the IUCN-UNDP led Mangroves for the Future (MFF) initiative. --Aban is a member of a number of advisory boards, and committees, most recently the wildlife trade monitoring network TRAFFIC Committee. She has authored and co-authored several publications ranging from conservation strategies to environment and security and conflict prevention. She holds a BSc in Biology (Honors) from the University of London, and is a graduate of the World Bank Executive Development Programme.



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**Kalinowska, Anna**

Dr Anna Kalinowska - ecologist. Director of Warsaw University inter-faculty Centre for Environmental Studies, lecturing nature conservation and education for sustainable development. --Author of many publications and books on environmental policy, education for sustainability and environment and security (eg. Forms of Environmental Education in the Armed Forces and their Impact on Creation of Pro-environmental Attitudes. Final Report No 272 NATO/CCMS). --Director of Bureau of Environmental Education in the Ministry of Environment and National Coordinator in Committee on the Challenges of Modern Society CCMS- NATO (1998- 2002). Nominated by CCMS/NATO as Director of The Pilot Study on Forms of Environmental Education in Armed Forces (2001-2004). --IUCN Regional Councillor for Europe (1996-2004). Member of CEC IUCN.





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**Koshla, Ashok**

Ashok Khosla is Chairman of the Development Alternatives Group, a consortium of social enterprises based in India whose mission is to create technologies, businesses and markets for large scale generation of sustainable livelihoods. Earlier, he was Director of the Office of Environment, Government of India, and Director, Infoterra in the United Nations Environment Programme. He is President of the Club of Rome and has been a Member of the Governing Bodies of the World Economic Forum in Davos, IUCN, WWF, IISD, the Stockholm Environment Institute, WETV and several other Indian and international organizations. He was Special Advisor to the Brundtland Commission and Chairman of the NGO Forum at the '92 Earth Summit in Rio de Janeiro. He has been board member of many government, industry and NGO bodies in India, including the National Security Advisory Board, the Science Advisory Committee to the Cabinet and the National Environment Council. Ashok Khosla studied at the Universities of Cambridge and Harvard. He was awarded the Stockholm Challenge Award in 2002, the UN Sasakawa Environment Prize in 2002 and the Schwab Foundation's Award for Outstanding Social Entrepreneur in 2004.



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**van der Lijn, Jair**

Dr. Jaïr van der Lijn joined the Clingendael Institute in 2007. Mr. van der Lijn has strong interests in the many aspects of conflict resolution, such as peace operations, peace agreements, and the role of the United Nations. Given the nature of his research, Mr. van der Lijn's focus lies predominantly, but not exclusively on the Balkans and Africa. In addition, the Future Security Environment for the Netherlands constitutes one of his research topics. Mr. van der Lijn holds a PhD in Management Sciences from the Radboud University Nijmegen, where he is also currently lecturing as an Assistant Professor at the Centre for International Conflict Analysis and Management.



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**Marghescu, Tamas**

Mr. Tamas Marghescu, IUCN's Regional Director for Europe, is a true European citizen –born in France and holding Hungarian and German nationalities– he brings a long and diverse professional track record in the fields of environmental policy and nature conservation. --During six years, Mr. Marghescu served as special adviser to Hungary's Ministry of Environment, where he was engaged in a wide range of national and international policy issues, such as the establishment of forest protected areas, conservation of biodiversity and the implications of European Union enlargement for the environment. -- His professional career has also taken him to Thailand, where he served as the Chief



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Technical Advisor for the UN Food and Agriculture Organization, and to Germany, where he began his career as a forestry officer. --Mr. Marghescu joined IUCN's European Programme at an exciting moment in its history. His appointment coincided with IUCN's decision to open a new chapter in its European Programme. Following a strategic review of its programme and after close consultations with the members, the Union opened a new Regional office for Europe in Brussels early 2002. This enables the Union to play a more significant and strategic role in serving its European membership – 350 state-government agency, and NGO members– as well as to provide IUCN's global membership with a voice in Europe's capital city.

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**Martin Mehers, Gillian**

Gillian MARTIN MEHERS is the Head of Learning and Leadership at IUCN and the Focal Point for IUCN's expert Commission on Education and Communication. She began work at IUCN in January 2006. Previous to this she worked at LEAD International (Leadership for Environment and Development) (1998-2005) as Director of Capacity Development where she built LEAD's global training curriculum, signature interactive methodology and partnership portfolio. -- Gillian's expertise is in creating experiential learning environments, curriculum and training materials development, and interactive training design. She has worked as a facilitator and trainer, particularly in the core leadership skills of systems thinking, cross-cultural communication, environmental communication planning, teambuilding and networking, and environmental conflict management. She is an experienced process facilitator, and has developed and implemented training-of-trainers activities internationally. Gillian has a passion for working interculturally, which culminated in the publication, *Training Across Cultures: A Handbook for Trainers and Facilitators Working Around the World* (ISBN 0-9546927-9-9) for which she is Editor and co-author. Gillian has degrees from the Ohio State University and the London School of Economics and Political Science.



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**Marton-Lefevre, Julia**

Julia MARTON-LEFEVRE is Director General of the International Union for Conservation of Nature (IUCN), which brings together governments, NGOs and scientists in a unique world partnership of over 1000 members spread across most of the globe.--Prior positions include: Rector of the UN-mandated University for Peace (UPEACE), Executive Director of LEAD (Leadership for Environment and Development) International, Executive Director of the International Council for Science (ICSU), Programme Specialist in Environmental Education under a joint UNESCO-UNEP Programme, university teacher in Thailand as a Peace Corps Volunteer and a staff member of the Fund for Education and Peace in New York. Julia is a member of a number of boards and commissions including the Council of UPEACE, the Board of Directors of LEAD International and of the International Institute for Environment and Development (IIED), the Board of Trustees of the Bibliotheca Alexandrina and the



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Council of Earth Charter International. Prior board memberships have included the World Resources Institute (WRI), International Research Institute for Climate and Society (IRI), the International Advisory Board to the Lemelson Foundation, two corporate environmental advisory boards - to the Dow Chemical Company and to The Coca-Cola Company - and the China Council for International Cooperation in Environment and Development. She has also served on ICSU's Committee on Science and Technology in Developing Countries (COSTED), the InterAcademy Council's Panel on Promoting Worldwide Science and Technology Capacities for the 21st Century and on the jury of the Saint Andrew's and Alcan Prizes. Born in Hungary and educated in the United States and France, J. Marton-Lefèvre has co-authored numerous books and papers. In 1999 she received the AAAS Award for International Cooperation in Science. In 2008, she was awarded the "Chevalier de l'Ordre national de la Légion d'Honneur" by the French Government and was named Global Ambassador for Hungarian Culture by the Hungarian Minister of Education and Culture. She is a Fellow of the Royal Geographical Society of the United Kingdom and a Fellow of the World Academy of Art and Science.

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**Matthew, Richard**

Richard A. Matthew (BA McGill; PhD Princeton) is Associate Professor of International and Environmental Politics in the Schools of Social Ecology and Social Science at the University of California at Irvine, and founding Director of the Center for Unconventional Security Affairs ([www.cusa.uci.edu](http://www.cusa.uci.edu)). He studies the environmental dimensions of conflict and post-conflict reconstruction and has done extensive field work in conflict zones in South Asia and East Africa. In addition to his positions at UCI, he is also the Senior Fellow for Security at the International Institute for Sustainable Development in Geneva, a member of the United Nations Expert Advisory Group on Environment, Conflict and Peacebuilding, and a member of the World Conservation Union's Commission on Environmental, Economic and Social Policy. Dr. Matthew has received Certificates of Recognition for his research and service activities from the U.S. Congress, the California State Legislature and the City of Los Angeles. He has over 100 publications including six books and co-edited volumes.



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**McNeely, Jeff**

Jeffrey A. McNeely is Chief Scientist at IUCN, where he has worked since 1980. Before joining IUCN, he spent twelve years in Thailand, Indonesia, and Nepal, conducting research and practical application of resource management activities. As IUCN's Chief Scientist, he is responsible for overseeing the work of the world's largest conservation network, with over 1,000 institutional members and 10,000 scientists and other specialists working in biological conservation. He has written or edited over 40 books and 500 popular and technical articles on a wide range of environmental topics, as well as serving on the editorial board of 14 international journals. He is currently working to link biodiversity to environmental security, violent conflict, conflict



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resolution, sustainable agriculture, human health, biotechnology, climate change, energy, and more traditional fields of IUCN interest such as species, protected areas, ecosystems, and economics. He is a member of the Advisory Committee of the Sustainable Agriculture Initiative Platform, Chairman of the Board of Ecoagriculture Partners, President of the Asia Section of the Society for Conservation Biology, and a member of the Scientific and Technical Council of the International Risk Governance Council.

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### **Mead, Aroha**

Aroha is Maori [Ngati Awa and Ngati Porou tribes] from Aotearoa New Zealand and is currently Senior Lecturer at the Maori Business, Victoria Management School of the Victoria University of Wellington. She lectures on Maori development issues such as resource management, customary law, cultural and intellectual property rights, Treaty of Waitangi Claims [[www.vms.vuw.ac.nz](http://www.vms.vuw.ac.nz)]. She is a Senior Visiting Research Fellow at the Macquarie University Centre of Environmental Law in Sydney, and is Co-Chair of a Global initiative on indigenous intellectual property policy, Call of the Earth Llamado de la Tierra [[www.earthcall.org](http://www.earthcall.org)] Aroha is active in the Oceania region on issues of culture and conservation. Within IUCN, she is a Steering Committee member of CEESP, and Co-Chair of a new Working Group on Culture and Conservation. She has also been a member of the IUCN Working Group on Extractive Industries and Biodiversity for the past two years. Aroha is serving a 2nd term as an Appointed Councillor with special interest in indigenous issues.



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### **Michaelis, Susanne C.**

Dr. Susanne Michaelis, born on 3 October 1960 in Germany, studied Molecular Biology and received her PhD in the area of human genetics. In 1994, Dr. Michaelis joined DG XII (Research) of the European Commission where she was responsible as scientific officer for one of the life science programmes under FP 3 and 4. In 1996, she started at NATO as project manager for a programme that supported civil science cooperation within the Alliance. Today, Dr. Michaelis is Associate Programme Director in NATO's Science for Peace and Security Programme which supports cooperation between experts from NATO and its Partner and Mediterranean Dialogue countries. Her focus lies on enhancing NATO's relations with other international organisations and with Ukraine in the field of scientific and environmental cooperation.



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**Ould Ahmed, Cheikh**

Born 31 December 1954 in F'Derick in the North of Mauritania. Joined the Mauritanian Navy in 1977. Since then assigned PB X'o, Pb captain, naval base Cdr, Ops Chief and finally Director of the Navy in 2003. Transferred to the Ministry of fisheries as the Head of Fishery Surveillance known in french as "DSPCM: Delegation à la Surveillance des Peches et au Controle en Mer" which is a Coast Guard institution. Besides navy training, he is a USCG Reserve Training Center graduate ( Yorktown, Va) and he attended also some environment courses like the Wetland International course ( Lelystad, Netherlands). He speaks Arabic, French and English.



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**Phillips, Chuck**

Chuck Phillips is a principal/partner of Sapience Organizational Consulting ([www.sapienceoc.com](http://www.sapienceoc.com)) having previously been a founding partner and Senior Consultant for Reddy • Phillips, Consultants to Organizations since 1982. With over forty years experience in business and industry in operating management roles -- manufacturing, finance, labor relations, human resources – and in both internal and external consulting, Chuck brings a unique, diverse and integrated perspective to his work. Chuck is a professional member of NTL Institute where he provides leadership and staffing to several professional development programs. He is on the Steering Committee of the Communications and Education Commission of the World Conservation Union (IUCN) where he serves as the organizations' special advisor for change.



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**Puyol, Ana**

Ana Puyol, ecuadorian, has been committed to capacity development during most of her career. At present, she supports capacity development and national dialogues and initiatives related to forest governance and wildlife management. As Senior Advisor to the Coordinating Minister for Natural and Cultural Patrimony her main responsibilities were related to strengthening National Environmental Policy and creating synergies between the Ministry of Environment and the Ministries of Tourism, Health, Education and Culture. Her academic background relates to environment and education, and therefore she has a special role in developing Capacity Development programs for these key sectors. Previously, she was Program Officer for the Sustainable Development Area of UNDP, Ecuador, managing key projects of the UNDP/GEF Biodiversity Portfolio and coordinating the development of an Environmental Security Strategy for the northern frontier of Ecuador. She has been involved with the IUCN Commission on Education and Communication for 10 years, developing the regional programme for South America and later as the Executive Assistant to the previous Chair. She was the focal point for Latin America, for the IUCN World Conservation Learning Network (WCLN) until June 2006, and supported the development of the regional networks in Mesoamerica and Southern Africa. Ana has also been involved in several national



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environmental policy planning initiatives, such as coordinating the Ecuadorian National Biodiversity Strategy, and the National Policy for Environmental Education and Communication, and was part of the Ecuadorian negotiation team for the Convention on Biological Diversity.

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**Sanchez, Sylvia**

Sylvia Sánchez, Peru, is a biologist with 20 years experience in the conservation of biological diversity. She is cofounder of APECO (a Peruvian NGO member of IUCN, dedicated to the conservation of biological diversity); Coordinator of the Peruvian National Committee for IUCN as representative of APECO and a member of IUCN's Commission on Education and Communication. Silvia's professional career has included: experience in working with communities located



in the buffer zones of protected areas, on processes for the management of biodiversity and the protection of ecosystems; broad experience with long and short-term strategies in the field of environmental education and communication; experience in negotiations for the preparation and approval of Peru's National Biodiversity Strategy; international consultant in Latin America for the establishment of processes for formulating national biodiversity strategies in several countries; and broad participation in IUCN activities and the functioning of the Peruvian Committee for IUCN. She has been elected to a second term as Regional Councillor for Meso and South America (2005-2008) and serves as Chair of the Council's Membership Committee.

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**Shakya, Mangal Man**

Mr. Shakya (born 1969 ) is a journalist turned conservationist. He is an author, co-author and editor of 10 books related to biodiversity and wildlife conservation in Nepal. He organized the first International Conference on Conservation in Conflict in Kathmandu, Nepal in 2006. He served as project director of the Norwegian government/Fredskorpset-funded South South exchange program for South and South East Asian environmental journalists during 2002-2004. He



organized the first International Conference on Conservation in Conflict in Kathmandu, Nepal in 2006. He served at the helm of such national and international organisations: International Federation of Environmental Journalists (IFEJ), Asia Pacific Forum of Environmental Journalists (APFEJ), Nepal Forum of Environmental Journalists (NEFEJ), Radio Sagarmatha, Environment Support Fund, and Kathmandu Environmental Education Project (KEEP). He is also a member of the Commission on Environment and Communication of the World Conservation Union (IUCN) since 1997 and Environment and Security Working group of the Commission on Environment, Economic and Social Policy (CEESP) of IUCN since 2007. He has spoken at numerous international forums since 1996 on environmental communication, biodiversity, wildlife conservation and conservation awareness in Europe, Asia and the Americas. He was awarded the environmental journalism award in 1993 in

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Kathmandu and the International Green Pen award in Colombo, Sri Lanka in 2002. He is the founder chairman of Wildlife Watch Group (WWG).

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### **Shand, Diana**

Diana Shand, New Zealand, has contributed to conservation and environmental work through community, professional and political involvements over three decades. She is currently National Programme Manager for Communities for Climate Protection™ – New Zealand, a New Zealand Government initiative delivered by ICLEI. She holds an MBA from McGill University. As Canterbury Regional Councillor for 15 years. Diana worked in environmental planning and regulation, including regional plans for land, water and air under the Resource Management Act which promotes sustainable management of natural and physical resources, For many years she has chaired the transport portfolio working for sustainable transport. She is a constant advocate for biodiversity, energy and climate change considerations, and community participation. A former Human Rights Commissioner, she has worked on social justice and indigenous peoples issues. Diana was NGO member of the New Zealand Government delegation to the 1992 UNCED – Rio Earth Summit, and promoted Local Agenda 21 throughout New Zealand.



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### **Shannon, Beebe**

Lieutenant Colonel Shannon Beebe is currently serving as the Senior Africa Analyst, Office of United States Army Deputy Chief of Staff, Intelligence. As one of the leading thinkers in the United States on the concept of human security, Lieutenant Colonel Beebe's work explores 21st Century concepts of security in Africa. Of particular note, his research has placed special emphasis on the environment as a key to stability in Africa and has worked with numerous international environmental agencies, non-governmental organizations, think tanks, and academia connecting them with concepts of security and defense. Lieutenant Colonel Beebe has travelled extensively in Africa conducting research in 12 African countries to date listening to how Africans view their security. Lieutenant Colonel Beebe is a frequent guest lecturer on African security and environmental security at the Joint Special Operations University, Hurlburt Airfield, Florida; the United States Foreign Service Institute; National Defense University; Army War College; Brookings Institute; Center for Strategic and International Studies; the Royal United Studies Institute of London; and Woodrow Wilson Center. Lieutenant Colonel Beebe received his Bachelor's of Art in Political Science from the United States Military Academy, West Point, New York, and his Master's of Art from the University of North Carolina, Chapel Hill, North Carolina. He has been selected to become the United States military attaché to Angola beginning April 2009.



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**Sharma, Bala Nanda**

Born in April 5, 1949, in Nepal, Lt General Bala Nanda Sharma holds MA degree in History from Tribhuban University, Nepal. He joined the Royal Nepalese Army in 1969 and after basic training at the Royal Nepalese Army Academy; he was commissioned into the Regiment of Artillery. He had undergone training both in Nepal and abroad. As mid level officer, he served, as Assistant Senior Military Officer in the United Nation Interim Force in Lebanon (UNIFIL), Brigade Major in an Infantry Brigade, Chief Instructor in the Royal Nepalese Army School and the Staff College. He commanded an Infantry Battalion and worked as Defence Attaché to the USSR. As a Colonel and Brigadier, he commanded an Artillery Brigade and was the Commandant of the Royal Nepalese Army Command and Staff College. --As General Officer, he had been the Director of Military Training of the RNA, worked as Master General of Ordnance (MGO) and served on various Strategic Task Forces on National Security Policy and Strategy including restructuring of the RNA. He commanded an infantry division at home and served as Force Commander of United Nations Disengagement Force in the Golan Heights. He is retired from the Nepalese Army after completing 39 years of service. He continues to attend various Peacekeeping Seminars nationally and internationally. He is decorated with Gorkha Dakhsin Bahu & Trishakti Patta-III. He is married with one son.



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**Smith, Bradley**

Bradley F. Smith was Dean of Huxley College of the Environment at Western Washington University and served for three years as the first Director of the Office of Environmental Education for the U.S. Environmental Protection Agency. He also served as a Special Assistant to the administrator of the EPA and as Acting Associate Administrator for the EPA. Dr. Smith was appointed to the U.S. Senior Executive Service in 1992. Dr. Smith received his Ph.D. from the University of Michigan School of Natural Resources and the Environment. His BA and MA are in economics and political science. From 1975 to 1990, Dr. Smith was a professor of political science and biology, and concurrently was executive director of Michigan's Tobico Marsh National Refuge from 1982 to 1990. Dr. Smith was recently appointed to the National Advisory Council for Environmental Policy and Technology (NACEPT) which advises the USEPA on domestic and international environmental policy issues. Currently, he serves as the co-chair of the World Conservation Learning Network of the IUCN and as the North American Chair of the Commission on Education and Communication for the IUCN. Formerly Dr. Smith served as an appointed member of President Clinton's Council for Sustainable Development (Education Task Force).





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**Veening, Wouter**

Wouter Veening studied political science, economics and social psychology at the University of Amsterdam. After working as policy adviser at the Dutch Ministry of the Environment, he became policy director at the Netherlands Committee for IUCN/World Conservation Union, where he dealt with the environmental policies of multilateral finance and donor institutions, such as the World Bank, IMF, the Global Environment Facility and the European Union. --As co-founder and Chairman of the Institute for Environmental Security (2003) in The Hague he now focuses on the policy and legal responses to security risks emanating from environmental degradation in key regions of the world.



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**Wachirakul , Wittaya**

Colonel Wittaya Wachirakul was a cadet in Chulachomkiao Royal Military Academy class 27 for five years, and graduated with a Bachelor of Science in 1980. --Wittaya Wachirakul was promoted to be an Infantry Company Commander of the 4th Light Infantry Battalion, 7th Regiment in 1985. In the year 1999, Colonel Wittaya Wachirakul was graduated the Defence Staff Course and Defense Strategic Study Course at Australian Defence Collage. --Colonel Wittaya Wachirakul's work was awarded the best research of the Joint Staff College class 38th in 1997. There another distinguish positions these he was assigned were Commander of Thai Contingent (NCC) Peacekeeping Forces, UNMISSET in East Timor in 2003 and Commander of Thai Humanitarian Assistance Task Forces in Iran in 2003-2004 for the earth Quake in Bam, Iran. His current position is Director of Doctrine Development and Evaluation Division of Joint and Combined Exercise Planning office, Directorate of Joint Operation, Royal Thai Armed Forces. Colonel Wittaya is a Director of Joint Operations' staff for Doi Mae Salong reforestation project that is one of the Royal Thai Armed Forces collaborated with IUCN in Thailand.



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**Wheeler. Keith**

Keith A. Wheeler has over 32 years of professional experience in the field of conservation and the environment. This includes work at the local, national and international levels with governmental and non-governmental organizations and the private sector. He holds undergraduate degrees in Biology and Chemistry and graduate degrees in Environmental Science and Soil and Water Conservation. As President of the Foundation for Our Future he provides leadership and institutional development for an international, non-governmental R&D sustainable development organization focused on sustainable development knowledge management, organizational change management, and capacity development. As Chairman and CEO of ZedX, he provides overall leadership and strategy development for the international state-of-the-art knowledge management and IT company that focuses on sustainable resource



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management through a wide range of interactive, web-based, decision-support systems designed for the agricultural, water and energy sectors. He has served as President of CFix, a conservation carbon sequestration fund that developed significant forest-based carbon offset projects in South America. He was the first Executive Director for the Global Rivers Environmental Education Network (GREEN), with 46 coordinating offices and programs in over 55,000 communities in 135 nations worldwide. Additionally, he served as the Assistant Director of the Adirondack Park Agency directing the education and communication efforts in the six million acre protected area. Keith was appointed to the Public Linkage and Education Task Force of President Clinton's Council for Sustainable Development, served as Co-Chairman of the White House Conference on Partnerships for Education about the Environment and as Co-Chairman of Education for Sustainability: An Agenda for Action, a White House initiative to establish a national policy for Education for Sustainability. Keith has authored numerous peer reviewed and popular publications, including a book titled Education for Sustainability: a Paradigm for Hope.

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### **Wit, Piet**

Mr Wit has over 30 years of experience in the integrated conservation and management of natural resources in over 40 countries in Europe, Africa and Asia. The main focus of his work is the integration of biodiversity conservation with sustainable rural development. Mr. Wit is a Functional Specialist with the CIMIC group of the Dutch Army, where he specialises in reconstructing and strengthening the civil society in environmental and rural development issues during peace



keeping operations. Mr. Wit was a key-note speaker at the conference "Nature in War" (Utrecht 2000). He also presented a paper at the conference at the Palace for Peace in The Hague on Environment and Security: The role of the military (2004) and was an invited speaker at two workshops on forests and conflicts in Brussels and Ede (The Netherlands). Mr Wit is currently Deputy Chairman of IUCN's Commission on Ecosystem Management, member of the Board of the Hustai National Park Trust (Mongolia), of the Foundation Reserves for the Przewalski Horse (The Netherlands) and of the NGO Daridibó in Guinea Bissau. Mr. Wit has been awarded Mongolia's highest recognition for nature conservation by the Minister of Nature and Environment of Mongolia. He is an honoured citizen of the Central Province of Mongolia.