## **Authors**

Emad Adly (Egypt), national coordinator of the Global Environment Facility (GEF) Small Grants Programme of the United Nations Development Programme (UNDP) in Egypt since 1992. He obtained a bachelor degree from the Faculty of Medicine, Cairo University (1980) and a master degree from Paul Cezanne University, France (2006). He is chair and founder (in 1978) of the Arab Office for Youth and Environment (AOYE) in Cairo; general coordinator and founder (in 1990) of the Arab Network for Environment and Development (RAED) in Cairo; co-chair and founder (in 1996) of the Mediterranean Information Office for Environment, Culture and Sustainable Development (MIO-ECSDE) in Athens; chairperson of the Steering Committee and founder (in 2001) of the Nile Basin Discourse (NBD) in Entebbe; board member of the Egyptian Water Partnership; member of the Governors' Board of the Arab Water Council and member of other national, regional and international organizations, including as national coordinator of the Local Initiative Facility for Urban Environment by UNDP (1993-2005). He is co-editor of: The Gulf of Agaba" (Washington, DC: Environment Law Institute, 1991); he has supervised the Montada Al Biaa (Environment Forum) newsletter since 1989 and has been a co-editor of the Sustainable Mediterranean newsletter since 1997. He supervised many publications on environment and sustainable development in Egypt and in the Arab region.

Address: Mr: Emad Adly, P.O.B 2 Magles Elshaab, Cairo, Egypt.

Email: <eadly@hotmail.com>.
Website: <www.aoye.org>.

Bastien Affeltranger (France) is a geographer in disaster mitigation with a focus on water-related hazards. As free-lance consultant (1998-2005), he worked for municipalities, ministries (France; Quebec, Canada), river basin organizations (Mekong; Okavango) and U.N. agencies (UNESCO; WMO; WHO; UNU-EHS; UN/ISDR). Regions of activity include: Europe, Southern Africa and Southeast Asia. He has written papers on community-based risk reduction, with a focus on social evaluation of flood warning systems. He wrote a book on hydropolitics in the Mekong river basin. In 2005 he joined the national *Institute for Industrial Environment and Risks* (INERIS, France) where he works on industrial and dam safety.

Address: Dr. Bastien Affeltranger, INERIS, B.P. 2, Parc ALATA, 60550 Verneuil-en-Halatte, France.

Email: <bastien.affeltranger@ineris.fr>.

Website: <www.ineris.fr>.

Imtiaz Ahmed (Bangladesh) is a professor of international relations, University of Dhaka and also the executive director of the Centre for Alternatives. He is the editor of: *Theoretical Perspectives: A Journal of Social Sciences and Arts* and co-editor of *Identity, Culture & Politics: An Afro-Asian Dialogue* (Colombo – Dakar) and *South Asian Refugee Watch* (Colombo – Dhaka). Aside from numerous articles in national and international journals and several edited vol-

umes, his publications include: State and Foreign Policy: India's Role in South Asia (New Delhi: Vikas, 1993); The Efficacy of the Nation State in South Asia: A Post-nationalist Critique (Colombo: ICES, 1998); The Construction of Diaspora: South Asians Living in Japan (Dhaka: UPL, 2000); (Ed.): Women, Bangladesh and International Security: Methods, Discourses and Policies (Dhaka: UPL, 2004); Futures Beyond Nationalism; (guest editor), Special issue of Futures: The journal of policy, planning and futures studies, 37,9 (November 2005); (Ed.): Understanding Terrorism in South Asia: Beyond Statist Discourses (New Delhi: Manohar Publishers - Colombo: Regional Centre for Strategic Studies, 2006).

Address: Prof. Dr. Imtiaz Ahmed, House 13B, Helal Kutir, Road 117, Apt. 4B, Gulshan, Dhaka-1212, Bangladesh. *Email:* <a href="mailto:simtiaz@bangla.net">imtiaz@bangla.net</a>>.

Website: <www.imtiazalter.netfirms.com>.

Tarek A. Ahmed (Egypt) is a lead specialist of the project planning and management component, under the "Water Resources Planning and Management Project" of the Nile Basin Initiative (NBI) team in Addis Ababa, Ethiopia. He was associate professor at the National Water Research Center, Egypt, specializing in water distribution and management where he was responsible for managing the Nile Basin portfolio, under the supervision of the Minister of Water Resources and Irrigation of Egypt. Prior to the 3rd World Water Forum in Kyoto, Japan, he worked for the World Water Council in Marseilles, France, preparing and editing the main forum report 'World Water Actions'. During a one-year post-doctoral programme at WEDC, Loughborough University, UK, he probed the responsibility of governments having to make decisions contradicting environmental and/or social criteria. In Egypt, he participated in a water policy reform programme studying the potential for transferring water management to stakeholders. He worked for consultancies where he developed work plans for water supply of the Republic of Sao Tomé e Principe, and coordinated multi-sectoral development efforts for the Ké-Macina area, Republic of Mali. He authored and co-authored more than ten research papers on various disciplines of water management. He studied state administration at: l'Ecole Nationale d'Administration (ENA) at Strasbourg, France. He graduated as a civil engineer from Cairo University, and obtained MSc and PhD degrees from Southampton University, UK in civil, environmental and irrigation engineering.

Address: Dr Tarek A. Ahmed, Water Resources Planning & Management Project, Nile Basin Initiative, P.O.Box 60173, Addis Ababa, Ethiopia.

*Email:* <tahmed@nilebasin.org>.

Website: <a href="http://wrpmp.nilebasin.org/">http://wrpmp.nilebasin.org/</a>.

Erhan Akça (Turkey): assistant professor, Department of Technical Programs, Adiyaman University. He obtained a MSc and PhD from Çukurova University on: "Assessment of Land Reclamation Studies Effect on Soil's Quality". He

has also been working on ancient land use and ceramic technology, i.e. on indigenous technologies. He is also soil consultant of TEMA (*The Turkish Foundation for Combating Soil Erosion, for Reforestation and the Protection of Natural Habitats*). His publications include: "Classification Systems, Indigenous", in: *Encyclopedia of Soil Science* (New York: Marcel Dekker 2004): 254-257; "The Indigenous Technical Knowledge of Anatolia and GIS", in: *Journal of the Chamber of Turkish Architecture* (April 2003): 28-33; "Differentiating the natural and man-made terraces of Lake Van, Eastern Anatolia, utilizing earth science methods", in: *Journal Lakes & Reservoirs: Research & Management* (February 2008): 83-93. His present research focuses on indigenous traditional knowledge for sustainable natural resource management.

Address: Assistant Prof. Erhan Akça, Adiyaman University, Department of Technical Programs, 02400, Adiyaman, Turkey.

Email: <erakca@gmail.com>.
Website: <www.adiyaman.edu.tr>.

Ali Ghazi (Algeria): engineer in agronomy from the National Institute Agronomique El Harrach in Algiers (1977). Since 1996 he has been Central Inspector of Environment in the Ministry of Town and Country Planning, Environment and Tourism; the local correspondent of FAO in the evaluation of worldwide forests; and since 2005 he is the focal point of the UNEP (FEM/PNUE) project on the selfassessment of national capacities for implementing the international conventions on biological diversity, combating desertification and climate change. He is a member of the council of the Algerian Society of Water. He previously held these positions: as director of fauna, flora and protected areas in the National Agency for Nature (ANN, 1991-1996); as sub-manager for reforestation and nursery gardens in the Ministry of Water, Environment and Forests (1985-1991); as national coordinator of a regional project by UNEP (PNUD/RAB) on the introduction of the Jojoba (1987-1990); as sub-manager for reforestation within the State Secretariat on Forests (1983-1985) and chief officer for reforestation (1980-1983). Among his publications (in French and Arabic) are: The choice of sorts of trees for the reforestation of the arid and semiarid area, thesis in engineering (Algiers: INA 1977); "The emphasis on saline soil in Algeria", in: Technical Bulletin I.N.R.F. (Algiers: National Institute of Forest Research, 1985); Results of tests on the introduction of the Jojoba in Algeria (Algiers: Ministry of Water and Mines, 1988); Conception and use of the frame of reference on a large scale of the village of Murviel les -Montpellier by remote sensing (Montpellier: INRA, 1991); The pistachios of the Atlas in a project on Algeria's Northen green belt [in Arabic] (Tunis, 1991); Soil and biological means in Algeria by 2010 (Algiers: National Institute of Global and Strategy Studies (INESG) 1997); Genetic means: legislative and regulatory aspects (U.I.C.N, 1996); Biodiversity in Algeria: strategic importance (1999); For an integrated policy of development of the coastal region (Algiers: IN-ESG, February 2006); "Problematique de la Desertification en Algerie: Etat et Mesure de Lutte pour la Protection des Ressources Naturelles", in: Kepner, William; Rubio, José L.; Mouat, David; Pedrazzini, Fausto (Eds.): *Desertification in the Mediterranean Region. A Security Issue* (Dordrecht: Springer, 2006): 169-186.

Address: M. Ali Ghazi, Ministère de l'Aménagement du Territoire et de l'Environnement et du Tourisme, Rue des Quatre canons, Alger, 16000, Algeria.

Email: <alighazio2@yahoo.fr>. Website: <www.matet.dz>.

Saleem H. Ali (Pakistan, United States) is associate dean for graduate education and associate professor of environmental planning at the University of Vermont's Rubenstein School of Natural Resources, and on the adjunct faculty of Brown University's Watson Institute for International Studies. His research has focused on the causes and consequences of environmental conflicts and on how ecological factors can promote peace. He is also a senior fellow at the United Nations mandated University for Peace (Costa Rica). Much of his empirical research has focused on environmental conflicts in the mineral sector. In September 2007, he was chosen as one of eight 'revolutionary minds' by Seed magazine. His publications include: (Ed.): Peace Parks: Conservation and Conflict Resolution (Cambridge, MA: MIT Press, 2007); Mining, the Environment and Indigenous Development Conflicts (Tucson: Univ. of Arizona Press, 2004). He is a regular columnist for Pakistan's Daily Times and has contributed op-ed pieces for The International Herald Tribune and The Boston Globe. He received his doctorate in environmental planning from MIT, a master in environmental studies from Yale University and a bachelor degree in chemistry from Tufts University.

Address: Prof. Dr. Saleem H. Ali, University of Vermont, 153 S. Prospect St., Burlington, VT 05401, USA.

Email: <saleem@alum.mit.edu>.

Website: <a href="http://www.uvm.edu/~shali">http://www.uvm.edu/~shali</a>.

Professor J. A. [Tony] Allan is a professor of geography in King's College in the University of London. He gained a first degree at Durham University (1958) and his PhD at the School of Oriental and African Studies (SOAS) in London (1971). His research focuses on water resources in water scarce regions. He coined the concept of 'virtual water' to explain the absence of armed conflict over water resources in the extremely water scarce Middle East and North Africa. He also promotes the importance of other political economy explanations and emphasizes the economic and political processes beyond the watershed that explain why economies can achieve water security. He also addresses the social and political contexts which influence and usually determine water use and policy, and has deployed a wide range of environmental, economic, social and political theory that takes into account the underlying fundamentals of water in the hydrological cycle and the impact of engineering interventions. The difficulties of scientists and professionals in gaining a place for their 'knowledge' in water policy discourses is his major current research theme. A major research focus is global water resource and the extent to which global resources will be sufficient to meet the needs of future populations. The rich diversity of the theorization

is a feature of the international contribution of the Water Issues Research Group he founded at SOAS. His books include: (with Paul Howell): *The Nile: Sharing a scarce resource* (Cambridge: CUP, 1995); *Water and peace in the Middle East: Negotiating resources in the Jordan Basin* (London: I.B. Tauris, 1996); *The water question in the Middle East: the second best works* (London: I.B. Tauris, 2000). In 2008 he was awarded the Stockholm Water Prize for contributions to water science and particularly to the political economy of water.

Address: Professor J A Allan, Room M70, Geography Department, King's College London, The Strand, London WC2, UK, and: SOAS, Thornhaugh Street, London WC1H oXG, UK.

Email: <ta1@soas.ac.uk>.

Website: <a href="http://www.kcl.ac.uk/geography">http://www.kcl.ac.uk/geography>.</a>

Madhavi Malalgoda Ariyabandu (Sri Lanka) holds a MSc. in agricultural economics from the School of Development Studies, University of East Anglia, UK, and a MSc. in agronomy from the Peoples Friendship University, Moscow, USSR. She has authored: Defeating Disasters; Ideas for Action (1999), co-authored (with M. Wickramasinghe): Gender Dimensions in Disaster Management - a Guide for South Asia (2004), which was translated into four South Asian languages: Hindi, Urdu, Tamil and Sinhalan; Disaster Communication - a Resource Kit for Media (1992); and (with A. Bhatti): Livelihood Centred Approach to Disaster Management - a Policy Framework for South Asia (2005); and co-edited (with P. Sahni): Disaster Risk Reduction in South Asia (2003), and authored numerous articles on the theme of political economy of development and disasters, including: "Sex, Gender and Gender Relations in Disasters", in: Enarson, E.; Chakrabarti, D. (Eds.): Women, Gender and Disaster: Global Issues and Initiatives (forthcoming). She served as the national gender advisor and project manager for micro enterprise recovery in the Tsunami Recovery Unit, United Nations Development Programme (UNDP) Sri Lanka (2005-2006). Before she was the programme manager, disaster mitigation, with ITDG South Asia (1997-2005), and research and training officer at the Agrarian Research and Training Institute, Colombo, Sri Lanka (1982-1992). She is the chairperson of Duryog Nivaran, a South Asia network for disaster mitigation. She was awarded the Mary Fran Myers Award in 2004, for "advancing women's careers in emergency management and the academy and for promoting gendered disaster research", by the Gender and Disaster Network (GDN) and the Natural Hazards Center, University of Colorado, USA. She is currently programme officer for South Asia at the United Nations International Strategy for Disaster Reduction (UN/ISDR).

Address: Ms. Madhavi Malalgoda Ariyabandu, UN/ISDR, International Environment House II, 7-9 Chemin de Balexert, CH 1219, Chatelaine, Geneva, Switzerland.

Email: <ariyabandu@un.org>,<mmariyabndu@yahoo.com>. Website: <www.unisdr.org>.

Yacob Arsano (Ethiopia), assistant professor of political science and international relations at Addis Ababa Universi-

ty. He received a PhD from University of Zürich in political science, specializing in hydropolitics; two MA degrees from Ohio University, in political science and in international affairs, and a BA in government affairs from Addis Ababa University. He has published articles and co-authored books on hydropolitics, conflict handling and comparative politics. His recent book (2007) is: Ethiopia and the Nile: Dilemmas of National and Regional Hydropolitics. He was a research fellow with the University of Bergen, Norway (1999-2000, 2007), with the Swiss Federal Institute of Technology Zürich (2000-2004), and with the National Center for Competence in Research - North-South, University of Bern (2004-to date). He was a research associate of the Pastoral and Environmental Network in the Horn of Africa (1995-96). He served as regional vice secretary general of the World Herders Council (1997-2000). He is a founding member of Ethiopian Water Resources Association, founding member of Ethiopian Political Science Association and a member of several professional associations, including: Organization for Social Science Research in Eastern and Southern Africa, Ethiopian Educational Researchers Association, International Water History Association and International Studies Association. He is chairman of Regional Scientific Advisory Board for North-South Research in the Horn of Africa and vice chairman for National Water Research and Development of Ethiopia. He received the 2005 Peter-Becker Junior Prize for peace and conflict research from the Philipps University of Marburg, Germany, with Simon Mason of the Swiss Federal Institute of Technology Zürich (ETH). He has taught courses on hydropolitics in Northeastern Africa and the Middle East, politics in the Horn of Africa, comparative politics and African political systems. Currently he is dean of the College of Social Sciences, Addis Ababa University.

Address: Prof. Dr. Yacob Arsano, 1176, College of Social Sciences, Addis Ababa University, Addis Ababa, Ethiopia. *Email*: <yarsano@ethionet.et> or <yacob@psir.aau.edu.et>.

Peter Ashton (South Africa): PhD (aquatic ecology, Rhodes University, South Africa), is a principal scientist and divisional fellow specializing in integrated water resources management issues at the Council for Scientific and Industrial Research (CSIR). He is also an honorary professor of water resources management at Pretoria University and is one of the ten founding members of the Universities Partnership for Transboundary Waters. He has worked on a variety of ecological and water resources research and consultancy projects in several African countries. His current research interests focus on the inclusion of ecological knowledge and good governance processes in decision-making, with special reference to the management of transboundary rivers in Africa. Major publications include: "Avoiding Conflicts Over Africa's Water Resources", in: Ambio, 31,3 (2002): 236-242; (co-author with V. Ramasar): "Water and HIV/AIDS: Some Strategic Considerations for Southern Africa", in: Turton, Anthony; Henwood, Roland (Eds.): Hydropolitics in the Developing World: A Southern African Perspective (Pretoria: African Water Issues Research Unit, 2002): 217-235; "Water and Development: A Southern African Perspective", in: Managing Water Resources Past and Present - The 2002 Linacre Lectures (Oxford University Press, 2004): 149-172; (co-author with M.J. Neal): "An Overview of Key Strategic Issues in the Okavango River Basin" in: Turton, Anthony; Ashton, Peter; Cloete, Eugene (Eds): Transboundary Rivers, Sovereignty and Development: Hydropolitical Drivers in the Okavango River Basin (Geneva: Green Cross International and Pretoria: African Water Issues Research Unit, 2003): 31-63. He has also contributed many chapters to books.

Address: Dr Peter Ashton, Room S-255, Building 33, Environmentek, Council for Scientific and Industrial Research (CSIR), P.O. Box 395, Pretoria, 0001, Republic of South Africa.

Email: pashton@csir.co.za Website: <www.csir.co.za>.

Mustafa Aydin (Turkey): professor of international relations at the TOBB - University of Economics and Technology; as well as at the National Security Academy, Ankara. He was a research fellow at the Center for Political Studies, University of Michigan (1998); a UNESCO fellow at the Richardson Institute for Peace Studies, Lancaster University, UK (1999); a Fulbright Scholar at the John F. Kennedy School of Government, Harvard University (2002); an Alexander S. Onassis Fellow at the University of Athens (2003): and a research fellow at the EU Institute for Security Studies, Paris (2003). Among others, he is the author of: Ten Years After: Turkey's Gulf Policy Revisited (2002); Turkish Foreign Policy; Framework and Analysis (2004); (co-editor with K. Ifantis): Greek-Turkish Relations in the 21st Century: Escaping from the Security Dilemma in the Aegean (2002); (co-editor with C. Erhan): Turkish-American Relations; 200 Years of Divergence and Convergence (2002); (co-editor with T. Y. Ismael): Turkey's Foreign Policy in the 21<sup>st</sup> Century: A Changing Role in World Politics; (co-editor with K. Ifantis): International Security Today: Understanding Change and Debating Strategy (2006); (Ed.): Central Asia in Global Politics (in Turkish, 2004); Turkey's Eurasian Adventure (in Turkish, 2008).

Address: Prof. Dr. Mustafa Aydin, TOBB-Economics and Technology University, Sogutozu Caddesi, No 43, Sogutozu, 06560, Ankara, Turkey.

E-Mail: <maydin@etu.edu.tr>.

Jon Barnett (Australia) is an Australian Research Council Fellow, Department of Resource Management and Geography, University of Melbourne. He has a PhD in resource management and environmental science from the Australian National University. Prior to joining Melbourne University he was a New Zealand Science and Technology Postdoctoral Fellow, Macmillan Brown Centre for Pacific Studies, University of Canterbury. He is a geographer whose research concerns theoretical and applied problems in development and environment, development and security, and environment and security. He has conducted research on the human dimensions of climate change in the Pacific Islands, including likely impacts, policy responses, and regional and global climate politics. In 2003 he led the first research project investigating the possible impacts of climate change in Timor Leste. He is currently conducting research on environmental security and climate change in the Pacific Islands, and on water resource problems in China. He has written one book and fifty peer-reviewed academic papers published in international books and journals. A selection of these include: "Peace and Development: Towards a New Synthesis", in: Journal of Peace Research, 45; (co-author with Grant Walton): "The Ambiguities of Environmental Degradation and Violence: The Case of the Tolukuma Gold Mine", in: Society and Natural Resources 21; "The Geopolitics of Climate Change", in: Geography Compass, I; (co-author with Neil Adger): "Climate Change, Human Security and Violent Conflict", in: Political Geography 26; "Adapting to Climate Change in Pacific Island Countries: The Problem of Uncertainty", in: World Development, 29; "Security and Climate Change", in: Global Environmental Change 13; (co-author with Neil Adger): "Climate Dangers and Atoll Countries", in: Climatic Change, 61; The Meaning of Environmental Security (London: Zed).

Address: Dr. Jon Barnett, Resource Management and Geography, The University of Melbourne 3010, Victoria, Australia.

Email: <jbarn@unimelb.edu.au>.

Website: <a href="http://www.geography.unimelb.edu.au/">http://www.geography.unimelb.edu.au/</a>>.

Navnita Chadha Behera (India), professor at the Nelson Mandela Centre for Peace and Conflict Resolution, Jamia Millia Islamia. See: *Biographies of editors*.

Sophia Benz (Germany): doctoral student at the Institute of Political Science, Department of International Relations, Peace and Conflict Research, University of Tübingen, Germany and visiting research scholar at the University of California at Berkeley, Department of International and Area Studies, Peace and Conflict Studies (2007-2009). Her current work focuses on the duration of civil wars and the 'new wars' hypothesis. In 2005 she obtained a masters degree in politics and management from the Faculty of Public Policy and Management, Konstanz University, Germany. In 2001 and 2002/2003 she worked with the United Nations Fund for International Partnerships in New York on child health, women and population issues and with the United Nations Office on Drugs and Crime in Vienna on private sector fundraising. An earlier and extended version of this chapter was submitted to the University of Konstanz, Department of Public Policy and Management in partial fulfilment for the requirements of the MA degree in politics and management (see at: <a href="http://w3.ub.uni-konstanz.de/v13/">http://w3.ub.uni-konstanz.de/v13/</a> volltexte/2005/1473//pdf/Benz.pdf>). Papers on the linkage between HIV/AIDS and conflict have been presented at the Fifth Pan-European International Relations Conference, The Hague, Netherlands, 9-11 September 2004, at the 11th EADI General Conference, Bonn, Germany, 21-24 September 2005 and at the DVPW Conference, Mannheim, Germany, 6-7 October 2005. Her first book analyses: The Killing of the Fittest: A Quantitative Analysis of HIV/AIDS and Conflict (Saarbrücken: VDM Verlag, 2008).

Address: Ms. Sophia Benz, Institut für Politikwissenschaft, Abteilung Internationale Beziehungen – Friedens- und Konfliktforschung, Zimmer 26, Melanchthonstrasse 36, 72072 Tübingen, Germany.

*Email:* <Sophia.Benz@uni-tuebingen.de>. Website: <a href="http://www.uni-tuebingen.de/ifp/">http://www.uni-tuebingen.de/ifp/>.

Christine Bichsel (Switzerland) is a research fellow at the Department of Geography, University of Berne, Switzerland. She holds a PhD degree in geography from the University of Berne (2006). For her master's thesis she spent four months conducting field research in Solukhumbu, Nepal. After completion of her degree in geography, she continued her Chinese language training at the Beijing Normal University, Beijing, China (2000-2001). In 2002, she began her PhD studies with the Swiss National Centre for Competence in Research (NCCR) North-South programme and joined swisspeace / Swiss Peace Foundation, Berne, Switzerland as a doctoral student. For her PhD thesis, she conducted field research totalling 14 months in Kyrgyzstan, Uzbekistan and Tajikistan (2002, 2003, 2004, 2005). In 2007, she worked in Kyrgyzstan as a consultant for the German Technical Assistance (GTZ). As of March 2008, she is a visiting researcher at the Department of Geography, National University of Singapore. Her publications include: "In Search of Harmony: Repairing Infrastructure and Social Relations in the Ferghana Valley", in: Central Asian Survey, 24,1; Conflict Transformation in Central Asia: Irrigation Disputes in the Ferghana Valley (London: Routledge,

Address: Dr. Christine Bichsel, Department of Geography, Hallerstrasse 12, 3012 Bern, Switzerland.

E-Mail: <cbichsel@yahoo.com>.

Website: <a href="http://www.geography.unibe.ch/lenya/giub/live/research/socgeo/MitarbeiterInnen-1/23.html">http://www.geography.unibe.ch/lenya/giub/live/research/socgeo/MitarbeiterInnen-1/23.html</a>>.

Jörn Birkmann (Germany) is academic officer and head of the Vulnerability Assessment Section at the United Nations University - Institute for Human Security and Environment (UNU-EHS). He holds a PhD in spatial planning from Dortmund University as well as a licence as an urban planner. He has broad working experience in the field of vulnerability, sustainable development and environmental assessment, being specialized in the area of the development of assessment methodologies and indicators to estimate and evaluate different socio-economic trends at the sub-national, local and household scale. His work experience also encompasses research activities and lectures around the globe, for example in London and Mexico. Besides research and training activities at UNU-EHS he also teaches at the Institute for Geography, University of Bonn. His current field of research is on the development of quantitative and qualitative methodologies to assess vulnerability. His latest edited book is: Measuring vulnerability to hazards of natural origin. Towards disaster resilient societies (Tokyo -New York: United Nations University Press, 2006).

Address: Dr. Jörn Birkmann, UN Campus, Hermann-Ehlers Str. 10, 53111 Bonn, Germany.

Email: <br/>
Sirkmann@ehs.unu.edu>.<br/>
Website: <a href="http://www.ehs.unu.edu">http://www.ehs.unu.edu</a>>.

David Black (Canada) is director of the Centre for Foreign Policy Studies and professor of political science and international development studies at Dalhousie University. His

current research interests focus primarily on Canada and Sub-Saharan Africa, with emphases on human security, development assistance, multilateral diplomacy and extractive industry investment. His published work has also addressed human rights in Canadian and South African foreign policies, the role of post-apartheid South Africa in Africa, and on sport and world politics. Among his recent publications are an edited section of the: Canadian Journal of Development Studies (XXVIII, 2007) on: "Canadian Aid Policy in the new Millennium: Paradoxes and Tensions"; (co-ed. with Sandra MacLean and Timothy Shaw): A Decade of Human Security: Global Governance and New Multilateralisms (Ashgate 2006); (co-ed. with Janis van der Westhuizen): Special Issue of: Third World Quarterly (25, 2004) on "Global Games". He is currently the president of the International Studies Association - Canada Section, a member of the Executive Council of the Canadian Consortium on Human Security (CCHS), and a member of the Editorial Board of the Canadian Foreign Policy journal.

Address: Prof. Dr. David Black, Department of Political Science, Dalhousie University, Halifax, NS, B<sub>3</sub>H 4H6, Canada.

Email: <blackd@dal.ca>.

Website: <a href="http://politicalscience.dal.ca/bio/d\_black.htm">http://politicalscience.dal.ca/bio/d\_black.htm</a>.

Wolf Dieter Blümel (Germany): Dr. rer. nat. (Stuttgart University), professor of physical geography, Faculty of Geoand Bio-Sciences, University of Stuttgart. He mainly works on geomorphology, geoecology and paleoclimatology of drylands/deserts and polar regions. He was coordinator and leader of the interdisciplinary Geoscientific Spitsbergen Expedition (SPE 1989-1992) and was member in two longerlasting Antarctic research projects. His research activities in drylands focussed dominantly on Southwest Africa, the Arabian Peninsula, Israel, SE-Spain, Mexico and the southwest of the USA. Additional focuses are environmental problems, geoarchaeology and landscape history of Central Europe. Most of his articles have been published in different national and international journals like: Geomorphology, Zeitschrift für of Geomorphologie, Palaeo, Catena, Die Erde, Geographische Rundschau, Nova Acta Leopoldina, Erdkunde, Lecture Notes in Earth Sciences a.o. He is author of: Physische Geographie der Polargebiete (Stuttgart: Teubner, 1999); (co-author of): Der Süden Deutschlands -Eine Zeitreise vom Erdmittelalter zur Gegenwart (Heidelberg: Elsevier, 2007) and of other books. He edited several specific volumes of scientific journals. He is on the editorial board of the journal: Die Erde and Stuttgarter Geographische Studien. He was appointed as member of the Deutsche Akademie der Naturforscher Leopoldina (since July 2008: National Academy of Science) and belongs to the Commission for Geomorphology of the Bavarian Academy of Science. He works as a referee for the German Science Foundation (DFG), the Alexander von Humboldt Foundation and as an evaluator of academic institutions and research projects. For decades he has been a member of several scientific associations like: Deutsche Gesellschaft für Polarforschung, Deuqua or Deutsche Bodenkundliche Gesellschaft.

Address: Prof. Dr. Wolf Dieter Blümel, Institut für Geographie, Universität Stuttgart, Azenbergstrasse 12, D-70174 Stuttgart, Germany.

Email: <bluemel@geographie.uni-stuttgart.de>.

Website: <a href="http://www.geographie.uni-stuttgart.de">http://www.geographie.uni-stuttgart.de</a>>.

Janos J. Bogardi (Hungary, Germany) graduated in civil engineering with special emphasis on water resources and agricultural water resources development at the Technical University of Budapest, Hungary. After obtaining a post graduate diploma on hydrology from the University of Padua, Italy, he earned his PhD in civil engineering at the University of Karlsruhe, Germany. He was honoured to receive the title of 'Doctor Honoris Causa' from the Agricultural University of Warsaw, Poland, the Technical University of Budapest, Hungary and the State University for Architecture and Civil Engineering, Nizhny Novgorod, Russian Federation. After his activities as assistant professor at the Institute for Water Resources Management of the Technical University of Budapest, his professional activities took him as scientific staff member to the Federal Institute for Hydraulic Engineering in Karlsruhe, and the University of Karlsruhe, respectively. He alternated these posts with expert assignments for German consulting engineers in Darmstadt and Essen. In the following three years he was then seconded by the German Agency for Technical Co-operation (GTZ) to the Asian Institute of Technology (AIT) in Bangkok, Thailand. Subsequently he became professor for hydraulics and general hydrology at the Agricultural University of Wageningen, The Netherlands, for almost eight years. His trajectory at the United Nations started at the United Nations Educational Scientific and Cultural Organization (UNESCO) in Paris, France, as senior programme specialist and then chief of the Section on Sustainable Water Resources and Management. In 2003 he was appointed director of the United Nations University Institute for Environment and Human Security (UNU-EHS) in Bonn. In 2007 he was assigned Vice-Rector a.i. of United Nations University (UNU) in Europe. He has authored, co-authored, and edited more than 170 publications including books, journal papers, research reports, lecture notes, as well as numerous articles for the media.

Address: Prof. Dr. Janos J. Bogardi, UN Campus, Hermann-Ehlers Str. 10, 53111 Bonn, Germany.

Email: <bogardi@ehs.unu.edu>.

Website: <a href="http://www.ehs.unu.edu">http://www.ehs.unu.edu</a>>.

Hans-Georg Bohle (Germany): Ph.D. (Göttingen University), professor of geography, Geography Department, University of Bonn. He is chair of development geography at the Geography Department of Bonn University. At UNUEHS he is a Munich Re Foundation Chair on Social Vulnerability. His academic work is directed on issues of vulnerability, risk and human security, with special emphasis on food, water and health. His regional focus is on South Asia (India, Pakistan, Nepal Bangladesh, Sri Lanka). He serves in the Steering Committee of GECHS (Global Environmental Change and Human Security) and in the International Scientific Advisory Board of GECAFS (Global Environmental Change and Food Systems). He is a member of

the European Academy of Science and of the German Academy of Sciences Leopoldina.

Address: Prof. Dr. Hans-Georg Bohle, Geography Department, University of Bonn, Meckenheimer Allee 166, D-53115 Bonn, Germany.

Email: <bohle@geographie.uni-bonn.de>.

*Website*: <a href="http://www.giub.uni-bonn.de/bohle/welcome.htm">http://www.giub.uni-bonn.de/bohle/welcome.htm</a>>.

Maëlis Borghese (France), a political scientist who works as a regional coordinator for Southern Africa with Agence Française de Développement (AFD), Paris, France. She has graduated from the Institut d'Etudes Politiques de Paris and from the Free University of Berlin (Dipl.-Pol.) before joining AFD. She has specialized in international relations, development economics and policy with a particular focus on natural resources management and transboundary water cooperation. From June 2005 to June 2007 she was responsible for the management of water supply projects as well as for the follow-up of general budget support programmes at the AFD office in Ghana. Since August 2007, she works for the Africa Department of AFD's Headquarters in Paris, where she is responsible for the activities in Southern Africa. Her publications include: (with Jonathan Lautze and Mark Giordano): "Driving forces behind African transboundary water law: internal, external, and implications", Paper for the International Workshop on African Water Laws of the International Water Management Institute, Johannesburg, 26-28 January 2005; (with Hélène Nieul, Marion Weinspach, Blandine Pons and Mathilde Renard): "Témoignage, Une génération en quête d'un nouvel engagement", in: Henri Rouillé d'Orfeuil (Ed.): Les ONG dans la tempête mondiale (Paris: Editions Charles Léopold Mayer, 2004): 85-95.

Address: Ms. Maëlis Borghese, 27 rue de la Cour des Noues, 75020 Paris, France.

*Email*: <maelis\_borghese@hotmail.com>.

Rajeb Boulharouf (Algeria), a graduate of the Ecole Nationale D'Administration (ENA) with a specialization in diplomacy, was at the time of this article submission external relations and public information coordinator of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD). He was the spokesperson of the Secretariat in Bonn, Germany. He worked on multilateral issues covering scientific and environmental matters at the Algerian Ministry of Foreign Affairs and with the Permanent Mission of Algeria in New York. He joined the UNCED secretariat in the 1990's where he was responsible for the development of chapter 12 of 'Agenda 21'. In his past position at the UNCCD secretariat, he overlooked emerging issues and had over the last years concentrated on the social, economic and security 'risks' of desertification. He was directly responsible for the organization of the two UNCCD sponsored events on desertification and migrations in Almeria, Spain in 1994 and 2006. He is now in charge of the newly established Conference Services Unit of UNCCD. Other publications: Teachers' Kit on Desertification (Paris: UNESCO, 2001); Desert Nights. Tales From

the Desert. International Film Festival on Desertification (Rome: Tipographia Ostiense, 2006).

Address: Mr. Rajeb Boulharouf, UN Campus, Herman-

Ehlers-Strasse 10, D-53113 Bonn, Germany.

*Email:* <rboulharouf@unccd.int>. *Website:* <www.unccd.int>.

Hans Günter Brauch (Germany), Privatdozent (adj. prof.) at the Faculty of Political Science and Social Sciences, Free University of Berlin, since 1987 chairman of *Peace Research and European Security Studies* (AFES-PRESS). See: *Biographies of editors*.

Sálvano Briceño (Venezuela), director of the Secretariat of the *International Strategy for Disaster Reduction* (UN/ISDR) since June 2001. See: *Biographies of authors of forewords and preface essays*.

Vicken Cheterian (Switzerland), head of research programmes at CIMERA, a Geneva based consultancy. He leads policy related studies on media and development, causes of conflicts, conflict resolution, and democratization processes. He studied the causes of conflicts, state collapse and the rise of nationalism in the Caucasus, and holds a Ph.D. in history and politics of international relations from the Graduate Institute of International Studies, University of Geneva. Before he worked as a journalist for major European papers such as Le Monde Diplomatique, and Neue Zürcher Zeitung reporting on conflicts and political developments from the Middle East, Caucasus, Russia, Central Asia, Ukraine, and Eastern Europe. Mandated by the Swiss Federal Department of Foreign Affairs, he led a three year long project for confidence building between journalists and political analysts in the Caucasus (1997-2000), and later mandated by the Swiss Agency for Development and Cooperation he set-up the Caucasus Media Institute, a media training and research centre in Yerevan (2002-2004). He worked as a consultant for the Environment and Security Initiative (ENVSEC) launched by UNEP, UNDP, OSCE and NATO co-authoring two EnvSec reports on the South Caucasus and Eastern Europe. Among his publications are: Dialectics of Ethnic Conflicts and Oil Politics in the Caucasus (Geneva, 1997); Little Wars and a Great Game, Local Conflicts and International Competition in the Caucasus (Bern, 2001); (co-author with Nina Iskandaryan): Post-Soviet Media: From Propaganda to Journalism [in Russian] (Yerevan, 2006); War and Peace in the Caucasus, Trouble on Russia's Frontier (London: Hurst, 2008).

Address: Dr. Vicken Cheterian, CIMERA, rue de Vuache I, Box 1242, 1211 Geneva I, Switzerland.

Email: <vicken.cheterian@cimera.org>

Website: <a href="http://www.cimera.org/en/about/cheterian.htm">http://www.cimera.org/en/about/cheterian.htm</a>>.

**Béchir Chourou** (Tunisia), professor of international relations at the University of Tunis-Carthage in Tunisia. See: *Biographies of editors*.

Mohammed Dajani Daoudi (Palestine), Ph.D. (1981), Ph.D (1984), is a professor of political science and founding director, American Studies Institute, Al-Quds University. He is a Jerusalem-born scholar and peace activist with two doc-

torate degrees in government (University of South Carolina, Columbia, SC, 1981; University of Texas, Austin, Texas, 1984). He is founding director of the Wasatia moderate Islamic Initiative - Palestine; chairman, Board of Directors, House of Water and Environment; chairman, Board of Directors/IPCRI; member, Board of Directors, YMCA-West Jerusalem; consultant, Seeds of Peace; founding director, Jerusalem Studies and Research Institute and ISBN Palestine Agency, Al-Bireh, Palestine. He worked as founding director of the Palestinian Public Administration National Institute; senior consultant on public administration of the Palestinian Ministry of Planning and International Cooperation. Between mid-1998 and 2004 he was director of the Technical Assistance and Training Department, Palestinian Council for Development and Reconstruction (PECDAR), in charge of implementing a 23-million US\$ World Bank Technical Assistance Trust Fund. Between 1995 and 1997 he was chief technical advisor, United Nations Development Programme (UNDP), Programme of Assistance to the Palestinian People, providing training and consultancy services to the Palestinian Authority on public administration development and institution building. Between 1990 and 1995, he founded and acted as chairman of the Department of Political Science and Diplomacy, Applied Science University, Amman, Jordan. He frequently participates in local, regional and international conferences, and is author and coauthor of numerous academic books and articles in English and Arabic.

Address: Prof. Dr. Mohammed Dajani Daoudi, P. O. Box 14085, Jaffa Gate, Jerusalem, Israel.

Email: <mohddajani@gmail.com> and:

<mohddajani@hotmail.com>.

Website: <www.bigdreamsmallhope.com>; and:

<www.wasatia.info>.

Simon Dalby (Canada), Ph.D. (Simon Fraser University, Vancouver), professor of geography, environmental studies and political economy, Carleton University, Ottawa. His research work concerns critical geopolitics, environmental security and political ecology and increasingly how all these matters link up with contemporary discussions of empire, and modes of urban consumption in the metropoles of the global economy. His articles have appeared in diverse scholarly journals including: Alternatives, Antipode, Australian Journal of International Affairs, Geopolitics, Global Environmental Politics, Intelligence and National Security, Political Geography, Society and Space and Studies in Political Economy. He is author of: Creating the Second Cold War (London - New York: Pinter and Guilford, 1990) and Environmental Security (Minneapolis: University of Minnesota Press, 2002). He is co-editor of: Rethinking Geopolitics (London: Routledge, 1998) and of: The Geopolitics Reader (London: Routledge 1998, 2006; Security and Environmental Change (Oxford: Polity, 2009, forthcoming).

Address: Prof. Dr. Simon Dalby, Department of Geography and Environmental Studies, Carleton University, 1125 Colonel By Drive, Ottawa, Ontario, K1S5B6 Canada.

Email: <sdalby@gmail.com>.

Website: <www.carleton.ca/~sdalby>.

Philippe De Lombaerde (Belgium) has been a research fellow at the United Nations University - Comparative Regional Integration Studies (UNU-CRIS) in Bruges since August 2002. Previously he worked as an associate professor of international economics at the Universidad Nacional de Colombia (Bogotá), as a researcher and lecturer at the University of Antwerp and as a researcher at the National Institute of Development Administration (NIDA) (Bangkok). He has also been a visiting professor at the University for Peace, the University of Bonn and the Universidad de Los Andes. His current research interests include regional economic integration, monitoring tools and indicators, Latin American regionalism, and cross-border micro-regions. He recently (co-edited): Integración asimétrica y convergencia económica en las Américas (Universidad Nacional de Colombia, Bogotá, 2002); Assessment and Measurement of Regional Integration (London: Routledge, 2006); Multilateralism, Regionalism and Bilateralism in Trade and Investment. 2006 World Report on Regional Integration (Dordrecht: Springer, 2007); Governing Regional Integration for Development. Monitoring Experiences, Methods and Prospects (Aldershot: Ashgate, 2008); Regionalisation and Global Governance: The Taming of Globalisation? (London: Routledge, 2008); Del regionalismo latinoamericano a la integración interregional (Madrid: Siglo XXI, 2008). He has published articles in: International Review of Economics and Business; Hitotsubashi Journal of Economics; Journal of Policy Modeling; Economia Internazionale; The Journal of World Investment and Trade; Global Economic Review and in other journals.

Address: Dr. Philippe De Lombaerde, UNU-CRIS; Potterierei, 72, 8000 Brugge, Belgium.

*E-mail:* <pdelombaerde@cris.unu.edu>. *Website:* <http://www.cris.unu.edu>.

Tobias Debiel (Germany) is chair in international relations and development policy, Institute of Political Science and director, Institute for Development and Peace (INEF), University of Duisburg-Essen. Before he moved to INEF, he worked from February 2003 to July 2004 as senior researcher and head of a research group at the Center for Development Research (ZEF), University of Bonn, including two terms as interim professor of political and cultural change. His areas of research include: state failure and violent conflict as challenges for development, foreign and security policy; good governance and post-conflict peacebuilding in sub-Saharan Africa; human security and global governance. Selected Publications: (co-ed. with Axel Klein): Fragile Peace. State Failure, Violence and Development in Crisis Regions (London: ZED Books, 2002); "Strengthening the UN: Futile Attempt or Feasible Alternative?", in: C. Uday Bhaskar/K. Santhanam/Uttam K. Sinha/Tasneem Meenai (Eds.): United Nations, Multilateralism and International Security (New Delhi: Shipra Publications 2005): 574-594; (co-ed. with Sascha Werthes): Human Security on Foreign Policy Agendas. Changes, Concepts and Cases. INEF-Report 80 (Duisburg: INEF, 2006); (co-ed. with Dirk Messner and Franz Nuscheler): Global Trends 2007. Vulnerability and Human Security in the 21st Century (Bonn: Development and Peace Foundation 2006).

Address: Prof. Dr. Tobias Debiel, Institute for Development and Peace (INEF), Geibelstr. 41, D-47057 Duisburg, Germany.

*E-Mail:* <tobias.debiel@inef.uni-due.de>. Website: <http://inef.uni-due.de/>.

Tom Deligiannis (Canada) is completing his Ph.D. in the Department of Political Science, University of Toronto, under the supervision of Thomas Homer-Dixon. His dissertation is building on the tradition of environmental conflict research at the University of Toronto through detailed field work in Peru, exploring the impacts of human-induced environmental and demographic change in Chuschi and Quispillacta, two communities in south-central Ayacucho, in Peru's southern highlands. From 2005-2007, he was resident assistant professor in the Department of Environment, Peace and Security, at the UN mandated University for Peace, in Costa Rica. He was an adjunct professor at the UPEACE in the MA program on Environmental Security and Peace. He also teaches a module on environmental security as part of the University of Geneva/UNEP's short course on environmental diplomacy. In 2006-2007, he was project director of UPEACE's Climate Change and Adaptation project.

Address: Mr. Tom Deligiannis, 23 Harrison Ave., Guelph, ON, N1H 5J9, Canada.

Email: <deligiannis@hotmail.com>.

Stavros Dimas (Greece) has been European Commissioner for the Environment since November 2004. See: *Biographies of authors of forewords and preface essays.* 

Fred Eboko (France) is a political scientist and sociologist. He obtained a Ph.D. from Université Montesquieu in Bordeaux (France) in 2002. He is senior research fellow at the Institut de Recherche pour le Développement (IRD, formely ORSTOM, France), and has been working on public policy and youth in the fight against AIDS in Africa for more than a decade. He was on a IRD posting (2005-2008) to the Paul Ango Ela Foundation for geopolitics in Central Africa (FPAE) in Yaoundé, Cameroon. He is associate researcher at the Centre d'Etude d'Afrique Noire (CEAN) of the Institut d'Etudes Politiques de Bordeaux. He has published over 30 articles on questions related to AIDS in Africa, among them: "Pouvoirs et maladie en Afrique: des maladies qui tuent aux maladies qui 'sauvent'?", in : Enjeux. Bulletin d'Analyses Géopolitiques pour l'Afrique Centrale (Yaoundé) No. 31 (April-June 2007): 7-8; "Patterns of Mobilization. Political Culture in the Fight Against AIDS. A Comparative Approach", in: Amy Patterson (Ed.): The African States and the AIDS Crisis (Aldershot: Ashgate, 2005): 37-58; "Law against morality? Access to anti-AIDS drugs in Africa", in: International Social Science Journal, No. 186 (Paris: Unesco, 2005): 713-722; "Politique publique et sida en Afrique. De l'anthropologie à la science politique", in: Cahiers d'études africaines, XLV, 178 (2004): 351-387; "De l'intime au politique. Le sida en Afrique, un objet en mouvement", in: Vidal, L. (Ed.): "Les objets de la santé", in: Autrepart, 29 (2004): 117-33.

Address: Dr. Fred Eboko, UMR 912, IRD-INSERM-Université de la Méditerranée, SE4S, Observatoire Régional de la Santé, 23 rue Stanislas Torrents, 13006 Marseille, France. *E-mail*: <fred.eboko@wanadoo.fr> and <fred.Eboko@bondy.ird.fr>.

Mersie Ejigu (Ethiopia), currently president and chief executive officer of the Partnership for African Environmental Sustainability (PAES) and senior fellow at the Foundation for Environmental Security & Sustainability (FESS). He is also visiting professor at the University for Peace, Department of Environmental Security and Peace, a former Assistant Director General for Programmes and Policy of IUCN - The World Conservation Union, He has served as Minister of Planning and Development of Ethiopia (1982-1991) and Minister of Agriculture and Natural Resources (1991). He has been a consultant for UNDP, UNDESA, IMF, The World Bank and UNICEF in areas of strategic planning, finance and development policy, environmental policy, and programme formulation and evaluation. He pursued his undergraduate studies in agricultural economics at the Alemaya College of Agriculture, and graduate studies in economics at the University of British Columbia, Vancouver, Canada. He initiated, designed and guided the project to study the link between environmental security and armed conflict in Burundi, Ethiopia, Rwanda and Uganda funded by the European Union. Among his most recent most relevant publications are: "Land, Forest, Insecurity and Conflict", in: The International Forestry Review, Special Issue on Africa, 8,1 (2006): 72-77; "Grasping the Nettle", in: Our Planet, The magazine of the United Nations Environment Programme (UNEP), 16,3 (November 2005): 20-21, special issue on: "Energy, Finance and Climate Change"; "L'Afrique a besoin d'énergies renouvelables", Point de vue, in: Le Monde, 22 June 2005; "Poverty, Deforestation, Environmental Insecurity, and Conflict in the Horn of Africa and Great Lakes Countries", in: Forests and Conflicts, European Tropical Forest Research Network, No. 43-44 (Winter 2004-2005); Post Conflict Liberia: Environmental Security as a Strategy for Sustainable Peace and Development, FESS Working Paper, 2006.

Address: Mr. Mersie Ejigu, 9015 Edgepark Rd, Vienna, VA 22182, USA.

Email: <mejigu@paes.org>. Website: <www.paes.org>.

Fulya Ereker (Turkey), research assistant and PhD candidate at the Department of International Relations at Ankara University. She holds a BA in international relations from the Black Sea Technical University and a MA in international relations with a dissertation on "An Analysis of Turkish Foreign Policy Making and Decision-Makers". She is working on a PhD dissertation on "Foreign Policy and Identity: The Case of Turkish Foreign Policy". Among others, she published: "Just War Concept: From Antiquity Up to Present" (2004, *Uluslararasý Iliskiler*); "The Effect of the Political System on Turkish Foreign Policy" (2004, Istanbul Ticaret Universitesi Sosyal Bilimler Dergisi), both in Turkish.

Address: Ms. Fulya Ereker, Ankara University, Faculty of Political Science, Cebeci, 06590, Ankara, Turkey. E-mail: <fereker@politics.ankara.edu.tr>. Website: <a href="http://www.politics.ankara.edu.tr">website: <a href="http://www.politics.ankara.edu.tr">http://www.politics.ankara.edu.tr</a>.

Hari Eswaran (USA) has worked on sustainable agriculture and global climate change since 2000. He organized a workshops on 'Sustainable Land Management' and on 'Stressed Agro-ecosystems'. Based on twenty years of experience on global soil resources, he completed a 1:30M map of: 'Soil Regions of the World', published as a Soil Management Collaborative Research Support Program (SM-CRSP) document. As a former chairman of a Commission of the International Society of Soil Science, he coordinated international scientific efforts on soil genesis, classification, and resource assessment and monitoring. He chairs an International Task Force on Land Degradation of the International Society of Soil Science. He is co-author of: "Issues and challenges of dryland agriculture in Southern Asia", in: Juo, A.S.R.; Freed, R.D. (Eds.): Agriculture and the Environment: Bridging Food Production and Environmental Protection in Developing Countries. ASA Special Publication No. 60 (Madison WI.: American Society of Agronomy, 1995): 161-180; "Global soil carbon resources", in: Lal, R.; Kimble, J.; Levine, E.; Stewart, B.A. (Eds.): Soils and Global Change. Advances in Soil Science (Boca Raton: Lewis, 1995): 27-44.

Address: Dr. Hari Eswaran, USDA-Natural Resources Conservation Service, Room 4250, South Building, 14th & Independence Ave, SW. Washington, DC 20250, USA.

Email: <hari.eswaran@wdc.usda.gov>.

Website: <www.nrcs.gov>.

André P.C. Faaij (The Netherlands), associate professor at the Copernicus Institute for Sustainable Development of Utrecht University; study of chemistry and environmental sciences, Ph.D. on energy production from biomass and wastes, visiting researcher at the Center for Energy and Environmental Studies, Princeton University and at King's College, London University. Main research experience: energy system scenario analysis and modelling, bio-energy and other renewables, land-use issues, international bio-energy trade, sustainability assessments of energy systems, alternative transport fuels, decarbonization of fossil fuels, capture and storage of CO2 (CCS), waste treatment, material and energy efficiency, technological learning, greenhouse gas balances and energy and research policies. He coordinates a research cluster on energy supply and system studies and is experienced in research and management in a multidisciplinary and international setting. He is a member of expert groups in bio-energy and energy policy, research and strategic planning. He advices governments, the EC, IEA, the UN, GEF, OECD, WEF, the energy sector and industry, NGOs, etc. He leads Task 40 of the IEA on Sustainable International Bio-energy Trade and acted as national representative in several other tasks. He advices the UN Biofuels Initiative and FAO's bioenergy activities, supported by the G8 Global Bio-energy Partnership. He recently joined the IPCC team to draft the Special Report on Renewable Energy, the new Global Energy Assessment (GEA) and he became member of the World Economic Forum's (WEF) Global Agenda Council on Alternative Energies. He was lead author for the World Energy Assessment of the UN, the Worldwatch Institute's book on Biofuels for the 21<sup>st</sup> Century, the IPCC 4<sup>th</sup> assessment report and of the IEA's World Energy Outlook. He is board member and guest editor of the journal Biomass & Bioenergy and is reviewer for journals, scientific and government bodies. He published over 450 titles in scientific journals, reports, books and proceedings, (co-) organized a range of international workshops and conferences and is frequently lecturing across the globe.

Address: Prof Dr. André P.C. Faaij, Copernicus Institute, Utrecht University, Heidelberglaan 2, 3584 CS, Utrecht, The Netherlands.

Email: <A.P.C.Faaij@uu.nl>.

Website: <a href="http://www.geo.uu.nl/20419main.html">http://www.geo.uu.nl/20419main.html</a>>.

David Faiman (Israel) is professor of physics and chairman of the Department of Solar Energy and Environmental Physics at Ben-Gurion University's Jacob Blaustein Institutes for Desert Research, in Sede Boger where he is also director of Israel's National Solar Energy Center. A physicist by training, he obtained his first degree from the University of London, and his second and third degrees from the University of Illinois. Between 1969 and 1976 he performed research in theoretical physics at Oxford University, CERN and the Weizmann Institute. In 1976 he joined the Ben-Gurion University where he participated in the establishment of the Blaustein Institutes, refocusing his research activities into the field of applied solar energy. He is widely published and has chaired or been a member of numerous international committees. At present he is Israel's representative to the Task 8 Photovoltaic Specialist Committee of the International Energy Agency (IEA), and has co-authored their latest book: Energy from the Desert: Practical Proposals for Very Large Scale Photovoltaic Systems (London: James & James, 2007).

Address: Prof. Dr. David Faiman, Department of Solar Energy & Environmental Physics, Blaustein Institutes for Desert Research, Ben-Gurion University of the Negev, Sede Boqer Campus, 84990 Israel.

Email: <faiman@bgu.ac.il>.

Website: <a href="http://www.bgu.ac.il/solar">http://www.bgu.ac.il/solar</a>>.

Isabel Fischer (Germany): Dipl.-Ing. sc.agr., since 2003, doctorial student at the Institute of Agricultural Economics and Social Sciences in the Tropics and Subtropics, Department of Agricultural Development Theory and Policy and research associate in subproject F2.2 "Risk Management of Farm Households in Northern Vietnam" of the so-called The Uplands Program (SFB 564): "Research for Sustainable Land Use and Rural Development in Mountainous Regions of Southeast Asia" at the University of Hohenheim, Germany. Her current research focuses on vulnerability of rural households, risk management and microinsurance. From 1995 until 2002, she studied agricultural science at the University of Hohenheim, specializing in economics and social sciences in the tropics and subtropics. Her publications include: Media Supported Communication in Agricultural

Extension and Participatory Rural Development in Northern Thailand. Research in Development Economics and Policy Discussion Paper No 4/2004 (Stuttgart: Grauer Verlag); Dufhues, T.; Lemke, U.; Fischer, I.: New ways for rural finance - Livestock insurance schemes in Vietnam. Research in Development Economics and Policy Discussion Paper No 5/2004 (Stuttgart: Grauer Verlag); Beuchelt, T.; Fischer, I.: "What do Vietnamese Farmers do when a Crisis Occurs? Covering Lack of Resources through Social Networks", in: Buchenrieder, G.; Dufhues, T. (Eds.): Making rural households' livelihoods more resilient. The importance of social capital and the underlying social networks. Studies on the Agricultural and Food Sector in Central and Eastern Europe, vol. 34 (Halle: Institute of Agricultural Development in Central and Eastern Europe, 2006): 45-57; Dufhues, T.; Buchenrieder, G.; Fischer, I.: Social capital and rural development: Literature review and current state of the art. Discussion Paper 96/2006 (Halle: Institute of Agricultural Development in Central and Eastern Europe (IAMO)); (co-author with G. Buchenrieder): Laptop, Livestock Drawings and Ricewine: A Demand Analysis for Livestock Insurance in Northern Vietnam. Research in Development Economics and Policy Discussion Paper No 3/ 2008 (Stuttgart: Grauer Verlag).

Address: Ms. Isabel Fischer, University of Hohenheim, Dept. 490A, 70593 Stuttgart, Germany.

Email: <fischer.isabel@gmx.de>.

Website: <a href="https://www.uni-hohenheim.de/sfb564/">https://www.uni-hohenheim.de/sfb564/</a>>.

Dilrukshi Fonseka (Sri Lanka) holds an MSc in international relations from the *London School of Economics and Political Science* (LSE), United Kingdom and earned her BA from Mount Holyoke College, USA. Between 2005 and 2006, she worked with the Tsunami Recovery Unit of the *United Nations Development Programme* (UNDP) in Sri Lanka, where she oversaw UNDP's human rights and human rights-based approaches and initiatives. Before she worked for the Berghof Foundation for Conflict Studies and also for the International Center for Ethnic Studies in Sri Lanka. She serves on the faculties of several academic and professional courses on the topics of peace-building, human rights and gender. Currently she is Team Leader – Peace and Recovery at UNDP Sri Lanka.

Address: Ms. Dilrukshi Fonseka, 362/2 High Level Road, Delkanda, Nugegoda, Sri Lanka. Email: <dilrukshi.fonseka@undp.org> and <dilrukshi.fonseka @gmail.com>.

Jochen Froebrich (Germany), Dr.-Ing., team leader for *Integrated Water Resources Management* (IWRM) at Wageningen University, The Netherlands, was a senior scientist at the Institute of Water Quality and Waste Management, University of Hannover. He specialized in water stress management in arid and semi arid regions. He has worked on a variety of multidisciplinary projects in North Africa, Southern Europe and Central Asia. His current research interests focus on the inclusion of water quality aspects in water management under water scarcity. He is leading a number of international research teams in this field. Relevant examples are the EC-project tempQsim (EVKI-CT2002-00112) for im-

proving water quality models and their applicability in dryland basins or the INCO-project Jayhun (INCO 516761) for developing risk management strategies in the Amu Darya basin in the view of future changes in water availability. Another important activity is research on best option combinations to mitigate water stress (within the integrated project (IP) AquaStress). Major publications include: Froebrich, J.; Olsson, O.; Bauer, M.; Normatov, I.; Petrov, G.: "Improved dam operation in the Amu Darya river basin including transboundary aspects", in: Berga, L.; Buil, J.M.; Bofill, E.; De Cea, J.C.; Garcia Perez, J.A.; Mañueco, G.; Polimon, J.; Soriano, A.; Yagüe, J. (Eds.): International symposium on dams in the societies of the 21st century, ICOLD congress, Barcelona, 18 June 2006 (London: Taylor & Francis, 2006): 97-103; Froebrich, J.; Bauer, M.; Ikramova, M.; Olsson, O.: Water quantity and quality dynamics of the THC - Tuyamuyun Hydroengineering Complex and implications for reservoir operation. Environmental Science and Pollution Research (ESPR), in: ESPR, 14,6 (2005): 435-442; Froebrich, J.: "New Challenges in Lake and River Monitoring", in: Freshwater Forum, 23 (2005), Freshwater Biological Association, Ambleside, UK; Froebrich, J.: "Enhanced reservoir operation - concept for improving water quality and water management in water stressed areas", in: International Agricultural Engineering Journal, 14,4 (2005): 147-160.

Address: Dr.-Ing. Jochen Froebrich, Division of Integrated Water Resources Management, Center for Water and Climate, Wageningen University, Alterra, P.O. Box 47, 6700 AA Wageningen; Building no. 104, Droevendaalsesteeg 4, 6708 PB Wageningen, The Netherlands.

*Email*: <jochen.froebrich@wur.nl>.

Website: <www.alterra.wur.nl>.

Claudia F. Fuentes Julio (Chile) is a PhD student in the Josef Korbel School of International Studies at Denver University and holds an MA in international relations from the University of Kent, England. She worked for five years as a researcher at the *Latin American Faculty of Social Sciences* (FLACSO-Chile) on international politics and security issues in Latin America. She has been professor of international relations at Chilean universities and other academic centers. Her publications include: Rojas, Francisco; Fuentes, Claudia (Eds.): *Promover la seguridad humana, marcos éticos, normativos y educacionales para América Latina y El Caribe* (Paris: UNESCO, 2005).

Address: Ms. Claudia F. Fuentes Julio, 1974 S. University Blvd. Apt., Denver, Colorado 80210, USA.

*E-mail:* <claudia.fuentes@du.edu>.

Website: <a href="http://www.du.edu/gsis/">http://www.du.edu/gsis/>.</a>

Niklas Gebert (Germany) is research associate at the United Nations University - Institute for Human Security and Environment (UNU-EHS) and is currently conducting research on socio-economic vulnerability assessment in Indonesia within the *German Indonesian Tsunami Early Warning System* (GITEWS) project. He holds a M.Sc. in human geography from the University of Bonn (Germany). He specialized in geographical development research with emphasis on vulnerability assessment in Malawi. Prior to his en-

gagement at UNU-EHS, he worked as a junior professional for the *German Technical Cooperation* (GTZ) in the field of food security, HIV/AIDS in Africa and on capacity development for chemical management.

Address: Mr. Niklas Gebert, UN Campus, Hermann-Ehlers Str. 10, 53111 Bonn, Germany.

Website: <a href="http://www.ehs.unu.edu">http://www.ehs.unu.edu">.</a>.

*Email*: <gebert@ehs.unu.edu>.

Luc Gnacadja (Benin) is the executive secretary of the United Nations Convention to Combat Desertification (UNCCD). See: Biographies of authors of forewords and preface essays.

**John Grin** (Netherlands) is professor at the Department of Political Science of the University of Amsterdam and scientific director of the *Amsterdam School for Social science Research* (ASSR). See: *Biographies of editors*.

Tobias Hagmann (Switzerland), PhD in public administration (Swiss Graduate School of Public Administration ID-HEAP). He has been a lecturer in political geography at the Department of Geography, University of Zürich since 2007. His main research focuses on conflict studies, the political sociology of the state, and on politics in the Horn of Africa. Between 1998 and 2006 he was a researcher at swisspeace, Bern, a research officer for ACORD Somalia, Nairobi in 2001 and a visiting researcher at the Institute of Ethiopian Studies at Addis Ababa University (2003-2005). He has published articles on environmental conflicts and politics in Ethiopia and Somalia in: African Affairs, Journal of Modern African Studies, Peace, Conflict and Development, and Politique Africaine.

Address: Dr. Tobias Hagmann, Department of Geography, University of Zürich, Winterthurerstrasse 190, CH-8057 Zürich, Switzerland.

E-Mail: <tobias.hagmann@geo.uzh.ch>.

Website: <www.geo.uzh.ch>.

Bassam Ossama Hayek (Jordan), director of the Environmental Research Centre, Royal Scientific Society (RSS). He is a chemical engineer and obtained a Ph.D. in chemical engineering from the University of Swansea (UK) in 1994. He started his career in 1994 as a researcher in the environment field at the RSS. He has experience in the treatment of domestic and industrial wastewater; environment assessment; hazardous waste management and control. He has executed and supervised research projects and studies on the treatment of wastewater, industrial audits (pollution prevention and waste minimization and cleaner production), environmental assessment, and hazardous materials management. He participated as a member in national committees such as the Domestic Wastewater Management Committee and the Reclaimed Water Reuse Coordination Committee (Ministry of Water and Irrigation), the National Hazardous Material Management Committee and the AGENDA 21 task force (Ministry of Environment). He has written and supervised or co-authored some 20 publications of scientific papers and technical reports, including: Environment Sector in Jordan; Key Issues for Environmental Risk Assessment, International Risk Management Meeting, Italy 2001; Environmental and Economic Improvement through Implementation of Cleaner Production in Hospitality Sector in Jordan: Case Studies in Four Hotels, 2008. He supervised the following studies: Environmental Impact Assessment for Gas Transmission Project, 2004; Environmental Impact Assessment for Silica Sand Project, 2002; Environmental Impact Assessment for Kemira Arab Potash Co., 2000; Water Pollution Crises Management; A Case Study on Cryptosporidium Outbreak in Munshiyat Bani Hassan - Jordan, report submitted to the Ministry of Health, Jordan, November 2007.

Address: Dr. Bassam Hayek, Director, Environment Research Centre, Royal Scientific Society, P.O. Box 1438, Al Jubeiha 11941, Amman, Jordan.

Email: <b.hayek@rss.gov.jo> and <BOHayek@yahoo.co.uk>. Website: <www.rss.gov.jo>.

Dirk H. Hoekman (The Netherlands), Ph.D., associate professor in remote sensing at Wageningen University, with main interests in the physical aspects of remote sensing, microwave remote sensing and applications of remote sensing in forestry, agriculture, (agro-)hydrology, climate studies and environmental change. Co-founder of SarVision, an organization devoted to the development of operational monitoring systems. Co-ordinator for training and research programmes, including the NASA PACRIM-2 and ESA INDREX-1 and -2 campaigns, to support the realization of operational monitoring systems for sustainable forest management and nature conservation. Lead scientist for the JAXA Kyoto & Carbon Initiative for exploitation of the ALOS PALSAR satellite in the region Insular SE Asia (Malaysia, Indonesia, Philippines and Papua New Guinea). His major publications include: "Satellite radar observation of tropical peat swamp forest as a tool for hydrological modelling and environmental protection", in: Aquatic Conservation: Marine and Freshwater Ecosystems. Special edition on: Satellitebased radar - developing tools for wetlands management, 17 (2007): 265-275; (co-author with Tran, N.Thanh; Wehrens, Ron; Buydens, Lutgarde M.C.: "Initialization of Markov Random Field Clustering of Large Remote Sensing Images", in: IEEE Transactions on Geoscience and Remote Sensing, 43,8 (2005): 1912-1919; (co-author with Quiñones, Marcela J.): "Exploration of factors limiting biomass estimation by polarimetric radar in tropical forests", in: IEEE Transactions on Geoscience and Remote Sensing, 42,1 (2004): 86-104; (co-author with Vissers, Martin A.M.): "A new polarimetric classification approach evaluated for agricultural crops", in: IEEE Transactions on Geoscience and Remote Sensing, 41,12 (2003): 2881-2889; (co-author with Quiñones, Marcela J.,): "Biophysical Forest Type Characterisation in the Colombian Amazon by Airborne Polarimetric SAR", in: IEEE Transactions on Geoscience and Remote Sensing, 40,6 (2002): 1288-1300; (co-author with Varekamp, Chris): "Observation of tropical rain forest trees by airborne high resolution interferometric radar", in: IEEE Transactions on Geoscience and Remote Sensing, 39,3 (2001): 584-594; (co-author with Quiñones, Marcela J.): "Land cover type and biomass classification using AirSAR data for evaluation of monitoring scenarios in the Colombian Amazon", in: IEEE Transactions on Geoscience and Remote Sensing, 38 (2000): 685-696.

Address: Prof. Dr. Dirk Hoekman, Wageningen University, Dept. of Environmental Sciences, Droevendaalsesteeg 4, 6708 PB, Wageningen, The Netherlands.

Email: <dirk.hoekman@wur.nl>.

Website: <www.sarvision.nl> and <www.wur.nl>

Thomas Homer-Dixon (Canada) holds the CIGI Chair of Global Systems at the Balsillie School of International Affairs in Waterloo, Canada, and is a professor in the Centre for Environment and Business at the University of Waterloo. He was born in Victoria, British Columbia and received his B.A. in political science from Carleton University in 1980 and his Ph.D. from MIT in international relations and defence and arms control policy in 1989. He then moved to the University of Toronto to lead several research projects studying the links between environmental stress and violence in developing countries. Recently, his research has focused on threats to global security in the 21st century and on how societies adapt to complex economic, ecological, and technological change. His books include: The Upside of Down: Catastrophe, Creativity, and the Renewal of Civilization (New York: Knopf - Washington, DC: Island Press, 2006), The Ingenuity Gat (New York: Knopf, 2000). which won the 2001 Governor General's Non-fiction Award, and Environment, Scarcity, and Violence (Princeton; Princeton University Press, 1999), which won the Caldwell Prize of the American Political Science Association.

Address: Prof. Dr. Thomas Homer-Dixon, The Centre for International Governance Innovation, 57 Erb St. West, Waterloo, ON, N2L 6C2, Canada.

Email: <tad@homerdixon.com> Website: <www.homerdixon.com>.

Gunhild Hoogensen (Norway) is associate professor in the Department of Political Science at the University of Tromsø. Her main research interest is security studies, broadly speaking, and more specifically the relevance and application of the human security concept to the Arctic context and to military education (particularly in the field of civilmilitary cooperation or relations). She leads the Human Security Programme at the University of Tromsø, which includes such projects as the International Polar Year project GAPS (security and oil and gas activity in the Arctic) as well as MENSA (military education and the new security agenda). She is also academic coordinator for the Model UN programme and co-academic coordinator (political science) for various masters programmes offered to the Norwegian military. Her publications include the following books: Environmental Change and Human Security in the Arctic (London: Earthscan, 2008); International Relations, Security, and Jeremy Bentham (London: Routledge, 2005) and Women in Power: World Leaders Since 1960 (New York: Praeger, 2006), and articles in: Security Dialogue, Canadian Foreign Policy, and International Studies Review.

Address: Prof. Dr. Gunhild Hoogensen, Department of Political Science, University of Tromsø, N-9037 Tromsø, Norway.

Email: <gunhildh@sv.uit.no>.

*Website*: <a href="http://uit.no/statsvitenskap/ansatte/15"> and <a href="http://uit.no/statsvitenskap/humansecurity/1"> and

Arie S. Issar (Israel), professor emeritus at the J. Blaustein Institutes for Desert Research, and the Geological Department of Ben Gurion University of the Negev. He founded and headed the Water Resources Center of the Institute for Desert Research since 1975 until his retirement in 1998. He received his Ph. D. at the Hebrew University of Jerusalem in 1961. From 1980-1998 he was the holder of the Alain Poher Chair in Hydrogeology of Arid Zones. He received the following prizes: Ernest D. Bergmann Prize for Special Scientific Contributions to the Development of the Negev Desert (1985); Prize of the President of the International Association of Hydrogeologists for Outstanding International Contributions toward the Advancement of Hydrogeology (2003); Honorary Member of the Israeli Association for Water Resources (2005). His current research focuses on the impact of climate change on the hydrological cycle and socio-economic systems; and developing conceptual models in order to mitigate the negative impact of global change on the water resources of the Middle East, including long term policies of sustainable development of the fossil aquifers of the region. He has published about hundred papers and co-edited five books and wrote five books in the fields of geology and hydrogeology. On the impact of climate changes on the hydrological cycle and on the environment he published these books: Water Shall flow from the Rock. Hydrogeology and Climate in the Lands of the Bible (Heidelberg - New York: Springer-Verlag, 1990); Climate Changes during the Holocene and their Impact on Hydrological Systems (Cambridge: Cambridge University Press, 2003); (Co-ed. with Angelakis, Andreas N.): Diachronic Climatic Impacts on Water Resources (with Emphasis on the Mediterranean Region (NATO ASI Series. Springer-Verlag, 1996); (Co-ed. with Brown, Neville): Water, Environment and Society in Times of Climate Change (Dordrecht, The Netherlands, Kluwer Academic Publishers, 1998); (Co-ed. with Zohar, Mattanyah): Climate Change - Environment and Civilization in the Middle East (Berlin - Heidelberg -New York: Springer 2004, 2007).

Address: Prof. Dr. Arie S. Issar, ZIWR, BGU, Sede Boker Campus, 84990, Israel; Home: Hameshoreret Rachel St.13, Jerusalem, 96348, Israel.

Email: Issar@bgu.ac.il.

Website: <a href="http://www.bgu.ac.il/BIDR/bic/general\_info\_center.htm">http://www.bgu.ac.il/BIDR/bic/general\_info\_center.htm</a>>.

Klaus-Dietmar Jacoby (Germany) is a Ministerialrat in the German government. He was head of the Emergency Planning and Preparations Division in the Office of Oil Markets and Emergency Preparedness of the *International Energy Agency* (IEA) from 2001 to 2006. Since then he is working as a Seconded National Expert in the EU Commission to revise the existing oil emergency stockholding legislation. He has spent most of his working life in various sectors of the German government, principally in the Ministry of Economy and Technology and in the Ministry of Foreign Affairs. In his previous activities he was responsible for en-

ergy, scientific and technology policy and information, computer and communication policy. He holds an advanced degree in economics from Cologne University and studied at the *Ecole Nationale d'Administration* (ENA) in Paris. He is married and has one son.

Address: Mr. Klaus-Dietmar Jacoby, European Commission, DG Energy, 301 Avenue de Tervuren, 1150 Brussels, Belgium.

*Email:* <klaus-dietmar.jacoby@ec.europa.eu>.

Website: <a href="http://ec.europa.eu/energy/index\_en.html">http://ec.europa.eu/energy/index\_en.html</a>>.

Anders Jägerskog (Sweden): Ph.D. is project director at the Stockholm International Water Institute (SIWI) where his work focuses on international water issues and in particular transboundary waters. Previously he has worked at the secretariat for the Expert Group on Development Issues (EG-DI) at the Swedish Ministry for Foreign Affairs, at the Swedish International Development Co-operation Agency (Sida) with water resources in southern Africa and at the Stockholm International Peace Research Institute (SIPRI) with Middle Eastern security issues. In 2003 he finished his PhD on the water negotiations in the Jordan River Basin at the Department of Water and Environmental Studies, Linköping University, Sweden. He was a member of the Scientific Programme Committee at the Stockholm International Water Institute (SIWI) from 2002-2006 and is currently a member of the Scientific Committee of the International Lakes Commission (ILEC). He has published over 60 scientific articles, book chapters, debate articles and reports. His publications include: Managing Transboudary Waters and: Water Scarcity Challenges in the Middle East and North Africa (MENA). Background Papers prepared for the Human Development Report 2006 (2006); "Water Sharing between Israel, Jordan and the Palestinians", text box: in: State of the World 2005, Worldwatch Institute (2005); "Human Security - problems, opportunities and policy implications", in: Conflict, Security and Development (2004); Why states cooperate over shared water? The water negotiations in the Jordan River Basin, Linköping University, PhD Dissertation, Linköping Studies in Arts and Science, Sweden (2003); at: <a href="http://">http://</a> www.ep.liu.se/diss/arts science/2003/281/digest.pdf>; "Risk and uncertainty from a political perspective: cases from water negotiations", in: Towards Catchment Hydrosolidarity in a world of Uncertainties, SIWI Proceedings 2003, Report 18, SIWI Seminar (Stockholm: Stockholm International Water Institute, 2003); "The power of the sanctioned discourse - a crucial factor in determining water policy", in: Water, Science and Technology, 47,6 (2003); "Hydrosolidarity as seen from a political perspective - overcoming sanctioned discourse obstacles", in: Balancing human security and ecological security interests in a catchment: Towards upstream/downstream hydrosolidarity, SIWI Proceedings 2002 SIWI Seminar (Stockholm: Stockholm International Water Institute, 2002); "Contributions of Regime Theory in Understanding Interstate Water Cooperation: Lessons Learned in the Jordan River Basin", in: Turton, A.R.; Henwood, R. (Eds.): Hydropolitics in the Developing World: A Southern African Perspective (Pretoria: African Water Issues Research Unit (AWIRU), 2002).

Address: Dr. Anders Jägerskog, Stockholm International Water Institute, Drottninggatan 33, SE-111 51 Stockholm, Sweden.

Email: <anders.jagerskog@siwi.org> and <anders.jagerskog@webaid.se>.
Website: <a href="http://www.siwi.org/">http://www.siwi.org/>.</a>

Patricia Kameri-Mbote (Kenya), is professor of law, University of Nairobi. See *biographies of editors*.

Burcak Kapur (Turkey), research and teaching assistant at the Department of Agricultural Structures and Irrigation, Faculty of Agriculture, University of Cukurova, Adana, Turkey. Mr. Kapur obtained a MSc degree from the International Centre for Advanced Mediterranean Agronomic Studies with a thesis on: "Climate Change, Climatic Water Balance and Crop Water Requirements: Investigation on the Next 100 Years for the Apuglia Region." He is currently working as a project assistant on the "Impact of Climate Change on Agricultural Production System in Arid Areas" in cooperation with the Research Institute for Humanity and Nature, Kyoto, Japan for his Ph.D. study. He contributed papers to: Global Climate Change and Effects on Soil, Crop Productivity and Water Resources. Proceedings of the International workshop for ICCAP; Land degradation and desertification in Turkey (Nato-CCMS and Science Committee Workshop).

Address: Mr. Burcak Kapur, University of Çukurova, Department of Agricultural Structures and Irrigation, 01330-Balcalý, Adana, Turkey.

EMail: <br/>bkapur@cu.edu.tr>.<br/>Website: <www.cu.edu.tr>.

Selim Kapur (Turkey), professor of soil science at the Faculty of Agriculture and chairman of the Department of Archaeometry, Çukurova University, Adana, Turkey. He was a European Council Higher Education Scholar in Aberdeen, Scotland (1973-1976), a research fellow at Wageningen Agricultural University, The Netherlands (1978); and General Secretary of the Working Group on Land Degradation and Desertification of the International Union of Soil Sciences. He is a scientific committee member of the European Soil Bureau Network of the EU-Joint Research Centre, Institute of Environment and Sustainability, Ispra, Italy. He has led and participated in link projects with the British Council, NATO and leading EU initiatives on land use and mitigation of land degradation caused by inappropriate use of land. He is coordinating a TEMA (Turkish acronym for the leading/renowned NGO in the country and abroad dealing with the mitigation of land degradation and desertification) - Mitsui (Japan) bilateral project in the Karapýnar (Konya) erosion control station of the Ministry of Agriculture and Rural Affairs seeking to develop a sustainable land management programme for the semi-arid regions allocated on terrestrial dunes and past lacustrine surfaces threatened by climate change and inappropriate use of soil and water. He authored numerous articles, published by the EU-JRC Institute of Environment and Sustainability (IES), in special issues and conference proceedings, of chapters in the proceedings of the International Working Group of Land Degradation and of papers on sustainable Land Management and Soil Development with special reference to Soil Micromorphology and indigenous land use published in international journals. His recent studies on the development of the 'Anthroscape' context within the IES frameworks are in progress. He is the key editor of the proceedings of the 13<sup>th</sup> International Meeting on Soil Micromorphology (to be published by Springer), co-editor of the International Board of the *Encyclopedia of Soil Science* (New York: Marcel Dekker), of the *EU-MEDCOASTLAND Project* proceedings, the 3<sup>rd</sup> and 7<sup>th</sup> volume of the International Meetings on Soils with a Mediterranean type of climate (*Options Mediterraneennes*, *Catena*, Elsevier) and principle editor of the proceedings of the 1<sup>st</sup> International Meeting on Land Degradation.

Address: Prof. Dr. Selim Kapur, University of Çukurova, Departments of Soil Science and Archaeometry, 01330-Balcalý, Adana, Turkey.

Email: <kapurs@cu.edu.tr>. Website: <ww.cu.edu.tr>.

Mary Kay Kindhauser (USA, Switzerland) is a writer and policy analyst in the Office of the Director-General, World Health Organization. She previously worked as a science writer in the 'communicable diseases' cluster, contributing technical and public information on the SARS, avian influenza, and other outbreaks. She holds a BA degree from Louisiana State University and a MA from Yale University, and is a recipient of Danforth and Woodrow Wilson fellowships.

Address: Ms Mary Kay Kindhauser, DGO, World Health Organization, 20 Avenue Appia, CH-1211 Geneva, Switzerland

Email: <kindhauserm@who.int>. Website: <www.who.int/ihr>.

Kithure Kindiki (Kenya) is currently associate dean and senior lecturer of international law, School of Law, University of Nairobi. He is an advocate of the High Court of Kenya. He holds a Ph.D degree in international law from the University of Pretoria, and has ten years of University teaching at both undergraduate and post-graduate levels. He has published many articles in peer-reviewed journals and has acted as a consultant for many governmental, intergovernmental and non-governmental organizations. Among his major publications are: (co-ed. with Ambani, Osogo): The Anatomy of Bomas: Selected Analyses of the 2004 Draft Constitution of Kenya (Nairobi: Claripress, 2005); Humanitarian intervention and State Sovereignty in Africa: The Changing Paradigms in International Law (Eldoret: Moi University Press, 2003): 1727-1746; "Broadening the Horizons: the Draft Constitution of Kenya and the Protection of Socio-economic Rights", in: (co-ed. with Ambani, Osogo): The Anatomy of Bomas: Selected Analyses of the 2004 Draft Constitution of Kenya (Nairobi: Claripress, 2005); "International Trade and Human Rights: Conceptual and Practical Linkages", in: Pacific Rim Journal of International Law (2006); "The African Peace and Security Council and the Charter of the United Nations", in: The Law Society of Kenya Journal, 1,1 (2005); "Europe and the Reconstruction of Somalia", in: Forced Migration Review,

23 (2005); "The Proposed Integration of the African Court of Justice and the African Court of Human and Peoples' Rights: Legal Difficulties and Merits", in: *African Journal of International and Comparative Law*, 15,1 (2007): 138-146: "A People Betrayed - The Darfur Crisis and International Law: Rethinking Westphaliam Sovereignty in the 21<sup>st</sup> Century", in: *Bond Law Review*, 19,2 (2007): 102-123; "International Law on Trial: The Darfur Crisis and the Responsibility to Protect Civilians", in: *International Community Law Review*, 9,4 (2007): 445-473; "Synchronizing Kenya's Energy Law with the Framework Environmental Law", in: Okidi, Charles; Kameri-Mbote, Patricia; Akech, Migai (Eds,) *Environmental Law After the Framework Law* (Nairobi: East African Educational Publishers, 2008).

Address: Department of Public Law, School of Law, University of Nairobi, Parklands Law Campus, Junction Forest/Limuru/Parklands Roads, PO BOX 30197-00100 Nairobi, Kenya.

Email: <kkindiki@yahoo.co.uk> and <kithure@mail.uonbi.ac.ke>.

Yannis Kinnas (Greece) holds a doctorate in political science from Athens Panteion University, and a Ph.D. in International Relations from London University. He was associate professor in Athens and has taught and lectured in the United States and Europe. In 1990 he was Radford Distinguished Visiting Professor at Baylor University (USA). From 1976 to 1997 he worked with the Greek Ministry of Foreign Affairs in charge of environmental and economic affairs. From 1987 to 1996 he served with the Permanent Mission of Greece to the United Nations and other international organizations in Geneva. There he also coordinated the Greek presidency in the European Union in 1988 and 1994. In 1994 he became Ambassador for Environment and Economic Affairs, Between 1964-1976 he worked with transnational banks as head of their foreign departments. Since his retirement in 1997 he has worked as a consultant with international NGOs on environmental policy and its application in the Millennium Environment Assessment (MEA). He has written on environmental issues and European integration, including nine books. His articles have appeared in learned journals and edited books in Belgium, India, Italy, Japan, Poland, Switzerland, United Kingdom, United States. His latest co-edited book is in Greek on nuclear energy and proliferation (Athens 1996). He was member of the Advisory Board of the: Journal for Environment and Development, San Diego (USA) and he is a memeber of the AFES-PRESS Scientific Advisory Board in Germany.

Address: Dr. Yannis Kinnas, 2 Akronos Street, Athens 116-33, Greece.

*Email*: <jkinnas@hotmail.com>.

Website: <a href="http://www.afes-press.de/html/scientific\_board.html">http://www.afes-press.de/html/scientific\_board.html</a>.

Martin Kipping (Germany), political scientist; is 1st secretary for development cooperation, economic affairs and humanitarian aid at the German Embassy in Kabul, Afghanistan; former water sector desk officer at the German Federal Ministry for Economic Cooperation and Development (BMZ), Bonn. He graduated from the *Institut* 

d'Etudes Politiques de Paris and from Free University of Berlin (Dipl.-Pol.) before participating in a training programme for young professionals at the German Development Institute (DIE), Bonn. He has specialized in questions of international relations and development with a particular focus on conflict management, resource conflicts, transboundary water cooperation and water sector policy. He is currently preparing a PhD thesis on external state-building interventions at the Free University Berlin. His publications include: "Wasserkonflikte und Wasserkooperation am Senegalfluss", in: Kipping, Martin; Lindemann, Stefan, 2005: Konflikte und Kooperation um Wasser - Wasserpolitik am Senegalfluss und internationales Flussmanagement im Südlichen Afrika (Münster: Lit-Verlag); (co-author with Elke Herrfahrdt, Tanja Pickardt, Mathias Polak, Caroline Rohrer and Carl Felix Wolff): Water Governance in the Kyrgyz Agricultural Sector - On its Way to Integrated Water Resources Management? (Bonn: DIE, 2006); "Conflits et coopération liés à l'eau du fleuve Sénégal", in: Géocarrefour: La pénurie d'eau : donnée naturelle ou question sociale?, 80,4 (September 2005); "Challenges for German Development Cooperation in the Water Sector", in: Neubert, Susanne; Scheumann, Waltina; Kipping, Martin (Eds.), 2008: Water Politics, Policies and Development Cooperation: Local Power Plays and Global Governance (Berlin - Heidelberg: Springer-Verlag).

Address: Martin Kipping, Ravelsberger Str. 55, D-52146 Würselen, Germany.

Email: <martin.kipping@gmx.net>.

Wolfram Krewitt (Germany) is head of the Department Systems Analysis and Technology Assessment, German Aerospace Center (DLR), he holds a diploma of mechanical engineering from the Technical University of Aachen, and a PhD in energy engineering from the University of Stuttgart. He is an energy engineer with professional experience in the application of renewable energy technologies in Latin America, and more than 15 years experience in the field energy system analysis. He worked with the University of Stuttgart, Institute of Energy Economics and the Rational Use of Energy, were he was heading the Department of Material Flows and Sustainable Development. He joined DLR 2001 as a project manager, and since 2006 is leading the Department of Systems Analysis and Technology Assessment. He co-ordinated various national and international research projects, and has experience as a consultant in Eastern European countries and in South America. He worked as a consultant for the IAEA/IEA on the development of a system of sustainability indicators in the energy sector. Among his major publications and project reports are: (co-author with: Simon/Graus/Teske/Zervos/Schäfer): "The 2°C scenario - A sustainable world energy perspective", in: Energy Policy, 35 (2007): 4969-4980; (co-author with Teske/Schäfer/Simon/Graus): "Energy [R]evolution - A Sustainable World Energy Outlook. Greenpeace International", GPI REF JN 035 (Amsterdam, 2007); at: <a href="http://www.energyblueprint.info/>; (co-author with: Nitsch/Fischedick/Pehnt/ Temming): "Market perspectives of stationary fuel cells in a sustainable energy supply system - long term scenarios for Germany", in: Energy Policy, 34 (2006): 793-803; (co-author with: Nitsch/Reinhardt): "Renewable energies – between climate protection and nature conservation?", in: *International Journal for Global Energy Issues*, 23,I (2005): 29-42; (co-author with: J. Nitsch): "The German Renewable Energy Sources Act – an investment into the future pays off already today", in: *Renewable Energy*, 28 (2003): 533-542; "External Costs of Energy – do the answers match the questions? Looking back at ten years of ExternE", in: *Energy Policy*, 30 (2002): 839-848.

Address: Dr. Wolfram Krewitt, Deutsches Zentrum für Luftund Raumfahrt, Institute of Technical Thermodynamics, Pfaffenwaldring 38-40, D-70569 Stuttgart, Germany.

Email: <wolfram.krewitt@dlr.de> Website: <www.dlr.de/tt/system>.

**Heinz Krummenacher** (Switzerland) is the managing director of swisspeace - the Swiss Peace Foundation and head of its early warning unit. See *biographies of editors*.

Jennifer Leaning (USA) is professor of the practice of international health at the Harvard School of Public Health and associate professor of Medicine at Harvard Medical School, and cordirector of the Harvard Humanitarian Initiative. Her research and policy interests include issues of public health, medical ethics, and early warning in response to war and disaster, human rights and international humanitarian law in crisis settings, and problems of human security in the context of forced migration and conflict. She has field experience in problems of public health assessment and human rights in a range of crisis situations (including Afghanistan, Albania, Angola, Kosovo, the Middle East, former Soviet Union, Somalia, the Chad-Darfur border, and the African Great Lakes area) and has written widely on these issues. She also has extensive experience in clinical medicine and medical management, most recently (1992-1997) as the medical director of one of the largest group practices in Massachusetts, and currently chairs the Harvard University Student Health Coordinating Board. She currently serves on a number of non-profit boards, including the Board of Directors of the American Red Cross, Massachusetts Bay Chapter: Physicians for Human Rights: and The Humane Society of the United States. She received her A.B. degree from Radcliffe College, magna cum laude, a master's degree in demography and public health from the Harvard School of Public Health, and her M.D. with honors from the University of Chicago Pritzker School of Medicine. She trained in internal medicine and emergency medicine at Massachusetts General Hospital and is board certified in both specialties. She is a member of the American College of Emergency Physicians. Among her recent publications on these issues are: (co-author with: VanRooyen, M.: "After the Tsunami - Facing the Public Health Challenges", in: New England Journal of Medicine, 352 (2005): 435-438; (co-author with: Walker, P.: Wisner, B.; Minear, L.): "Smoke and mirrors: deficiencies in disaster funding", in: BMJ, 330 (2005): 247-250; (co-author with: Lautze, S.; Raven-Roberts, A.; Kent, R.; Mazurana, D.: Assistance, protection, and governance networks in complex emergencies, in: Lancet, 364 (2004): 2134-2141; "Diagnosing Genocide -The Case of Darfur", in: NEJM, 351 (19 August 2004): 735738; (co-author with: Gingerich T.): The Use of Rape as a Weapon of War in the Conflict in Darfur, Sudan, United States Agency for International Development (October 2004); at: <a href="http://www.hsph.harvard.edu/fxbcenter/">http://www.hsph.harvard.edu/fxbcenter/</a> HSPH-PHR\_Report\_on\_Rape\_in\_Darfur.pdf>; (co-author with: Arie S.; Stites, E.): "Human Security in Crisis and Transition", in: Praxis: The Fletcher Journal of International Development, 19 (2004). 5-30; (co-author with: Stabinski, L.; Pelley, K.; Jacob, S.; Long, J.): "Reframing HIV and AIDS", in: BMJ, 327 (2003): 1101-1103; "Public Health, War and Terrorism", in: Harvard Health Policy Review, 4,1 (Spring 2003): 51-55; (co-ed. with: Briggs, S.M.; Chen L.C.): Humanitarian Crises: The Medical and Public Health Response (Cambridge, MA: Harvard University Press, 1999).

Address: Prof. Dr. Jennifer Leaning, Harvard Humanitarian Initiative, 14 Story Street, 2<sup>nd</sup> Floor, Cambridge, MA 02138, 115A

Email: <jleaning@hsph.harvard.edu>.

Website: <a href="http://www.hsph.harvard.edu/faculty/jennifer-leaning/">http://www.hsph.harvard.edu/faculty/jennifer-leaning/</a> and <a href="http://www.hhi.harvard.edu">http://www.hhi.harvard.edu</a>.

Rik Leemans (The Netherlands), Dr. (University of Uppsala), professor of environmental systems analysis, Environmental Sciences Department, Wageningen University and director of the WIMEK graduate school. He also chairs the international Earth System Science Partnership (ESSP), the Response Option Working Group of the Millennium Ecosystem Assessment (MEA) and the Dutch National Global Change Committee. He works on various aspects of global environmental change. He currently directs several multidisciplinary projects on land-use change, biogeochemical cycles, global biodiversity. All these projects accentuate resilience vulnerability and sustainability. His early studies at Uppsala University (Sweden) emphasized the successional dynamics and structure of boreal forests. His subsequent research position at the Biosphere Project of the International Institute of Applied System Analyses (IIASA, Austria) focussed on boreal forest models. Over the last decade he was a senior scientist of the National Institute of Public Health and the Environment (RIVM) in Bilthoven. Here, he directed the development of integrated modelling approaches for the biosphere within the IMAGE 2 model. Since then his research has excelled into modelling global environmental change. He has published many papers in books, reports and academic journals like Science, Climatic Change, Ecological Modelling, Global Environmental Change and Ecology and Society. He was involved as a lead-author in all assessments of the Intergovernmental Panel on Climate Change (IPCC) that was rewarded the Nobel Peace price in 2007. He is on the editorial board of Ecosystems, Climatic Change, Global Environmental Change, Carbon Balance and Management and a member of Faculty of 1000 Biology. He works as a referee for the Dutch Science Foundations (NWO and WOTRO), the European Research Council (ERC) and is evaluator of academic institutions and research projects. He has been a member of several scientific associations, such as the *Inter*national Association of Vegetation Science, The Integrated Assessment Society and the American Ecological Society.

Address: Prof. Dr. Rik Leemans, Environmental Systems Analysis, Wageningen University & Research, PO Box 47, 6700 AA Wageningen, Tel: +31 317 484919.

Email: <rik.leemans@wur.nl>.
Website: <http://www.esa.wur.nl>.

Stefan Lindemann (Germany): political scientist; specialized in environmental and development policy, with a particular emphasis on water-related issues. He is currently a PhD student in development studies at the London School of Economics and Political Science (LSE) where he is preparing a thesis on the role of "inclusive elite bargains" in understanding the causes of civil war in Sub-Saharan Africa. Previously, he has worked for the German Advisory Council on the Environment (SRU), as a short-term consultant for Gesellschaft für technische Zusammenarbeit (GTZ) and the UK Department of International Development (DFID). He has also been involved in several research projects at the Environmental Policy Research Centre (FFU) of the Freie Universität Berlin.

Address: Mr. Stefan Lindemann, Stubbenkammerstrasse 11, 10437 Berlin, Germany.

Email: <S.Lindemann@lse.ac.uk>.

Rolf Linkohr (Germany), Ph.D. (University of Munich,) is president of the Centre for European Energy Strategy (CERES), a Brussels-based company he founded in 2005. From 2005 to 2007 he was Special Advisor to the EU-Commissioner for Energy Andris Piebalgs. He studied physics and physical chemistry and worked with the automobile industry to develop electric cars, before being elected Member of the European Parliament in 1979 and subsequently was re-elected four times until 2004 when he did not run again. At the European Parliament for many years he was the spokesman for science, technology and energy in the Socialist Group. He created the Scientific and Technological Options Assessment (STOA), the Parliament's Technology Assessment Unit, he founded the European Energy Foundation, he was President of the European-Latin American Institute (IRELA). At present he works on strategic issues like clean coal, the next generation of nuclear reactors, renewables and energy efficiency. His particular interests are climate policy and energy as well as the relationship between combatting poverty, energy and CO2 - emissions

Address: Dr. Rolf Linkohr, Asangstraße 219a, 70329 Stuttgart, Germany.

E-Mail: linkohr-stuttgart@t-online.de>

Website: <a href="http://www.linkohr.de/3english/index.html">http://www.ceres-energy.org/en\_index.htm">.</a>

Alexander López (Costa Rica), Ph.D. from the University of Oslo, Norway. He is currently the director of the Institute for International Affairs of the Universidad Nacional de Costa Rica. He has worked and conducted extensive field work in the Brazilian Amazon focusing on environmental conflicts related to mining. In México and Central America he has been working on issues related to socio-environmental conflict resolution and the management of transboundary river basins. He is a member of the University

ty Partnership for Transboundary Waters, and member of the Scientific Steering Committee of the Global Environmental Change and Human Security Project (GECHS). His latest publications in English on the Amazon are: "Population Movements, Environmental Change and Social Conflicts in the Brazilian Amazon", in: Unruch, Jon D.; Krol, Maarten; Kliot, Nurit (Eds.): Environmental Change and its Implication for Population Migration (Dordrecht – Boston – London: Kluwer Academic Publisher, 2004); Hydroplitical Vulnerability and Resilience along International Waters. Latin America and the Caribbean (Nairobi: UNEP, 2007).

Address: Prof. Dr. Alexander López, Director, Escuela de Relaciones Internacionales, Universidad Nacional de Costa Rica, 4 piso, Facultad de Ciencias Sociales, Heredia, Costa Rica

Email: <alope@una.ac.cr>.

Website: <a href="http://www.ri.una.ac.cr/">http://www.ri.una.ac.cr/</a> and

<http://www.ri.una.ac.cr/index.php?op-tion=com\_content &task=view&id=44&Itemid=44&Iimit=1&Iimitstart=1>.

Eva Ludi (Switzerland/UK), PhD (Geography, University of Bern, Switzerland), is a research fellow in the Rural Policy and Governance Group at the Overseas Development Institute (ODI) in London, UK. She is involved in a number of policy-oriented research projects, among them "RiPPLE -Research-inspired Policy and Practice Learning in Ethiopia and the Nile Region", a five-year Research Programme Consortium (RPC); at: <a href="http://www.research4develop-">http://www.research4develop-</a> ment.info/projectsAndProgrammes.asp?ProjectID=60092> funded by the UK Department for International Development (DFID) that aims to meet the challenge by providing evidence-based learning to support water supply and sanitation (WSS) implementation programmes in rural Ethiopia. From 2001 to 2005 she was project coordinator of the Individual Project 7 at swisspeace: "Environmental Change and Conflict Transformation" of the NCCR North-South "Research Partnerships for Mitigating Syndromes of Global Change"; at: <a href="http://www.north-south.unibe.ch">http://www.north-south.unibe.ch</a>, funded by the Swiss National Science Foundation (SNF) and the Swiss Agency for Development and Cooperation. She also held a research fellow position at the Centre for Development and Environment (CDE), Institute of Geography, University of Bern, Switzerland. Her main areas of work are: leader and team member in international and interdisciplinary teams assessing options for sustainable land management and sustainable rural development in Ethiopia, Eritrea, Tajikistan, Kyrgyzstan, Tanzania, Kenya and Nicaragua, sustainable water management and impacts of WSS on poverty reduction and growth in Ethiopia, impacts of agro-commodity dependence on poverty and environmental degradation in Ethiopia, Tanzania and Kenya. Her publications include: (with R. Slater; L. Peskett; D. Brown): Climate change, agricultural policy and poverty reduction how much do we know? Natural Resource Perspectives 109 (London: ODI, 2007); (with L. Cabral and J. Farrington): The Millennium Villages Project - a new approach to ending rural poverty in Africa?" Natural Resource Perspectives 101 (London: ODI, 2006); (with Yacob Arsano; Berhanu Debele; Seyoum Gebre Selassie): "Horn of Africa. Managing Resources and Disputes in Uncertain Environments" (Bern: NCCR North-South, 2004); "Sustainable Pasture Management in Kyrgyzstan and Tajikistan: Development Needs and Recommendations", in: Mountain Research and Development, 21,2 (2003: 119-123); Economic Analysis of Soil Conservation: Case Studies from the Highlands of Amhara Region, Ethiopia (Bern: University of Bern, Institute of Geography, 2002).

Address: Dr. Eva Ludi, Overseas Development Institute, III Westminster Bridge Road, London SEI 7JD, United Kingdom.

E-Mail: <e.ludi@odi.org.uk>.

Website: <a href="http://www.odi.org.uk/">http://www.odi.org.uk/>.</a>

Wolfgang Lutz (Austria): leader, world population program of the International Institute for Applied Systems Analysis (IIASA) in Austria; director of the Vienna Institute of Demography (VID) of the Austrian Academy of Sciences; affiliated professor at the College of Population Studies, Chulalongkorn University (Bangkok); principal investigator of the Asian MetaCentre for Population and Sustainable Development (Singapore and Bangkok); chair of the scientific programme committee of the African Population and Health Research Centre (Nairobi). From 1998-2001, Secretary-General, International Union for the Scientific Study of Population (IUSSP). He holds a Ph.D. in demography from the University of Pennsylvania (1983) and a second doctorate (habilitation) in social statistics from the University of Vienna. He has authored and edited 25 scientific books and monographs and published more than 160 refereed articles, including several contributions in: Science and Nature. His most recent books include: Frontiers of Population Forecasting (1999); Population and Climate Change (2001): Population and Environment: Methods of Analysis (2002); The End of World Population Growth in the 21st Century: New Challenges for Human Capital Formation and Sustainable Development (2004); and The New Generations of Europeans: Demography and Families in the Enlarged European Union (2006).

Address: Prof. Dr. Wolfgang Lutz, IIASA, Schlossplatz 1, A-2361 Laxenburg, Austria.

E-mail: <lutz@iiasa.ac.at>.

Website: <a href="http://www.iiasa.ac.at/~lutz/">http://www.iiasa.ac.at/~lutz/>.

Christopher Martius (Germany): PhD (Biology, University of Göttingen), lecturer (agroecology), and senior scientist at the Center for Development Research (ZEF) of the University of Bonn, Germany. Since January 2008 he works as head of the Programme Facilitation Unit for Central Asia and the Caucasus of the Consultative Group on International Agricultural Research (CGIAR) and coordinator of the regional programme of the International Center for Agricultural Research in the Dry Areas (ICARDA), in Tashkent, Uzbekistan. He joined ZEF in 1998. For six years he was a fellow of the Max-Planck-Institute for Limnology in Plön, Germany. He has over 12 years of work experience in tropical ecology, especially in rain forests of Brazilian Amazonia, where he worked at the Brazilian Research Center for the Amazon region (INPA), and over 5 years of work in Central Asia, where he coordinates an international, interdisciplinary project on land and water resource management in Khorezm, Uzbekistan. Other research projects in which he is involved include the role of soil organisms in conservation agriculture in Eastern and Southern Africa, and the role of termites in the formation of stable organic matter in tropical ecosystems. His current research interests focus on integrated concepts for improving sustainability of land use and specifically the management of biological soil resources in this context. He is a member and since 2004 co-speaker of the Board of the DesertNet, a competence network of German institutions dealing with the science needed for combating desertification. He has published more than 60 articles on tropical ecology, nutrient cycling, soil ecology and biodiversity in scientific journals, co-authored more than 15 papers on Central Asia, and (co-editor with H. Tiessen and P.L.G. Vlek): Management of Organic Matter in Tropical Soils: Scope and Limitations (Dordrecht: Kluwer, 2001).

Address: Dr. Christopher Martius, Center for Development Research (ZEF), University of Bonn, Walter-Flex-Strasse 3, 53113 Bonn, Germany.

Email: <c.martius@uni-bonn.de>, <c.martius@icarda.org>. Website: <http://www.uni-bonn.de/khorezm>;

<a href="http://www.icarda.org/cac">http://www.icarda.org/cac</a>

Simon J.A. Mason (Switzerland), mediator SDM, environmental scientist, Swiss Federal Institute of Technology (ETH Zürich), Dr sc. (PhD) on water conflicts and cooperation in the Nile Basin. He was project coordinator of the sub-project water and conflict transformation of the NCCR North South, focusing on dialogue workshops for transforming water conflicts (2003-2006). Since 2005 he has been senior programme officer at the Center for Security Studies (CSS), ETH Zurich, in the "Mediation Support Project" (joint project with swisspeace), focusing on the determinants of third party intervention in effective mediation in peace processes. He has been a co-trainer of one week courses on water conflict analysis, negotiation and mediation at the Mediterranean Academy for Diplomatic Studies, University of Malta, and the Egyptian Ministry of Water Resources. Co-winner of the Junior Peter Becker prize in conflict and peace research (together with Y. Arsano). His publications include: From Conflict to Cooperation in the Nile Basin (ETH Zurich, 2004); "Are we scorpions?", in: Mountain Research and Development, 25,2 (May 2005): 115-120; (co-author with K. Spillmann): "Transforming Environmental and Natural Resource Use Conflicts", in: Cogoy, M.; Steininger, K. (Eds): The Economics of Global Environmental Change (Cheltenham, UK - Northampton, MA: Edward Elgar 2007): 225-272.

Address: Dr. J.A. Simon Mason, Center for Security Studies, ETH Zurich/WEC, ETH Zentrum, Weinbergstr. 11,

CH 8092 Zurich, Switzerland.

*E-mail*: <mason@sipo.gess.ethz.ch>.

Website: <a href="http://www.css.ethz.ch/index\_EN">http://www.css.ethz.ch/index\_EN</a>>.

Richard A. Matthew is associate professor of international and environmental politics in the Schools of Social Ecology and Social Science, University of California at Irvine (UCI), and director, Center for Unconventional Security Affairs

(<www.cusa.uci. edu>) and of the Global Environmental Change and Human Security Research Office (<www.gechs.uci.edu>), both at UCI. His research focuses on international relations in the developing world, especially on South Asia, and he has published widely on transnational security threats including environmental change, terrorism and landmines. Recent books and co-edited volumes include: Contested Grounds: Security and Conflict in the New Environmental Politics (1999); Dichotomy of Power: Nation versus State in World Politics (2002); Conserving the Peace: Resources, Livelihoods, and Security (2002); Reframing the Agenda: The Impact of NGO and Middle Power Cooperation in International Security Policy (Praeger 2003); and Landmines and Human Security: International Relations and War's Hidden Legacy (2004).

Address: Prof. Dr. Richard A. Matthew, Social Ecology I, University of California, Irvine, Irvine, California, 92697-7075, USA.

*Email*: <rmatthew@uci.edu>. *Website*: <www.cusa.uci.edu>.

Nadine May (Germany) is a consultant with VDI/VDE-IT GmbH. From 2001 to 2005 she attended the Technical University of Braunschweig and obtained a degree in geo-ecology. She wrote her diploma thesis on "Ecobalance of a Solar Electricity Transmission from North Africa to Europe" at the Institute of Technical Thermodynamics of the German Aerospace Centre (DLR) in Stuttgart in 2005. From 2006 to 2007, she was project manager at GAB Consulting GmbH in Lamstedt, investigating the fate and behaviour of pesticides. Since 2007, she has been working for VDI/VDI-IT GmbH as a consultant in the field of Renewable Energies co-ordinating and managing national and European R&D projects. Furthermore, she was involved in the evaluation of the "Export Initiative Renewable Energies" and has published: "Solarthermische Kraftwerke - Hoffnungsträger für eine zukunftsfähige Energieversorgung", in: FORUM der Geökologie, 18,2 (2007): 26-31.

Address: Ms. Nadine May, VDI/VDE Innovation + Technik GmbH, Steinplatz I, D-10623 Berlin, Germany.

*Email*: <may@vdivde-it.de>. *Website*: <www.vdivde-it.de>.

Bryan McDonald is the assistant director of the Center for Unconventional Security Affairs at the University of California, Irvine (UCI). He received a Ph.D. in social ecology from the University of California, Irvine in 2008 and a M.A. in political science from Virginia Tech in 1999. His research examines the changing shape of world politics since the end of the cold war with a focus on international, human, and environmental security. He is co-editor of Landmines and Human Security: International Politics and War's Hidden Legacy (2004) and Global Environmental Change and Human Security (forthcoming 2009). His work has been published in: Democracy & Society, The Canadian Journal of Political Science, Global Environmental Politics, Organization & Environment, the Natural Resources Journal, Environment, Politics and the Life Sciences, International Environmental Agreements, and the Environmental Change and Security Project Report. He has presented papers at meetings of the: The American Political Science Association, The International Studies Association, and The American Collegiate Schools of Planning.

Address: Dr. Bryan McDonald, Social Ecology I, University of California, Irvine, Irvine, California, 92697-7075, USA. *Email*: <a href="mailto:</a> <a href="mailto:bmcdonal@uci.edu">bmcdonal@uci.edu</a>>.

Website: <www.cusa.uci.edu>.

J.R. McNeill (USA) was born in Chicago on 6 October 1954. He studied at Swarthmore College and Duke University, where he completed a Ph.D. in 1981. Since 1985 he has taught some 2,500 students at Georgetown University, in the History Department and School of Foreign Service, where he held the Cinco Hermanos Chair in Environmental and International Affairs before becoming university professor in 2006. His research interests lie in the environmental history of the Mediterranean world, the tropical Atlantic world, and Pacific islands. He has held two Fulbright awards, a Guggenheim fellowship, a MacArthur grant, and a fellowship at the Woodrow Wilson Center. He has published more than 40 scholarly articles in professional and scientific journals. His books are: The Atlantic Empires of France and Spain, 1700-1765 (Chapel Hill: University of North Carolina Press, 1985); (co-ed. with Alan L. Karras): Atlantic American Societies from Columbus through Abolition (London: Routledge, 1992); The Mountains of the Mediterranean World (New York: Cambridge University Press); (Ed.): The Environmental History of the Pacific World (London: Variorum, 2001); Something New Under the Sun: An Environmental History of the Twentieth-century World (New York: Norton, 2000), co-winner of the World History Association book prize, the Forest History Society book prize, and runner-up for the BP Natural World book prize, and translated into 6 languages; and most recently The Human Web: A Bird's-eye View of World History (New York: Norton, 2003), co-authored with his father William H. McNeill. He also edited or co-edited five more books, including the Encyclopedia of World Environmental History (New York: Routledge, 2003). He is currently working on a history of yellow fever in the Americas from the 17<sup>th</sup> through the 20<sup>th</sup> centuries.

Address: Prof. Dr. John R. McNeill, Department of History, Georgetown University, Washington DC 20057, USA. *Email:* <a href="mailto:smcneilli@georgetown.edu">mcneilli@georgetown.edu</a>.

Website: <a href="http://explore.georgetown.edu/people/mcneillj/">http://explore.georgetown.edu/people/mcneillj/</a>? Action = View&PageTemplateID=125>.

Czeslaw Mesjasz (Poland): Dr hab., associate professor, Faculty of Management, Cracow University of Economics, Cracow, Poland. See *biographies of editors*.

Isabelle Milbert (France, Switzerland) is a professor at the Graduate Institute of International and Development Studies, Geneva, where her teaching and research specialization includes urban management, governance, international cooperation strategies and modern Indian studies. From 2001 to 2008, she has headed two research projects on governance, law and public policies, in Latin America and in India. She is presently member of the Executive Committee of EADI (European Association of Development Institutes)

and Associate Researcher at the South Asia Research Centre (Paris, CNRS). Her publications include: What Future for Urban Cooperation? An Assessment of Post-Habitat Strategies (Bern: SDC, 2000); "Alliances in International Co-operation: A Change of Paradigm in Urban Governance?", in: Westendorff, D. (Ed.), 2004: From Unsustainable to Inclusive Cities (Geneva: UNRISD): 185-205; "Slums, slum dwellers and multilevel governance", in: EIDR, 18,2 (2006): 299-318; "Gouvernance et mondialisation", in: Cadène, Ph. (Ed.), 2007: Mondialisation. L'intégration des pays en développement (Paris: SEDES); "L'économie et la société en Inde", in: Godement, F.; Delamotte G. (Ed.), 2007: Géopolitique de l'Asie (Paris: Editions Colin): 39-67; "La lente urbanisation de l'Inde", in: Urbanisme, No. 355 (July-August 2007): 41-46. Her PhD is on Indian urban law and public policies and received the prize of the best PhD thesis (University of Paris II, 1986).

Address: Prof. Dr. Isabelle Milbert, GIIDS, 20, rue Rothschild, cp.136, 1211 Geneva 21, Switzerland.

E-mail: <isabelle.milbert@graduateinstitute.ch>.

Website: <a href="http://graduateinstitute.ch/">http://graduateinstitute.ch/</a>>.

Sam Moyo (Zimbabwe) is professor and the executive director of the African Institute for Agrarian Studies (AIAS) based in Harare, Zimbabwe. He has more than 28 years of research experience on rural development issues with a focus on land reform, agrarian change, environmental policy, and social movements. He has been involved in several major publications, with key celebrated academic works being: The Land Question in Zimbabwe (Harare: Sapes Books, 1995); Land Reform Under Structural Adjustment in Zimbabwe (Uppsala: The Nordic Africa Institute, 2000); Land Reform under Structural Adjustment in Zimbabwe: Land Use Change in the Mashonaland Provinces (Uppsala: The Nordic Africa Institute, Feb. 2000); The Politics of Land Distribution and Race Relations in Southern Africa (New York: UNRISD, Sept. 2001); (co-authored with Paris Yeros): "The radicalized state: Zimbabwe's interrupted revolution", in: Review of African Political Economy (ROAPE) No. 111 (2007): 103-121.; (co-authored with Paris Yeros): "The Zimbabwe Question and the Two Lefts", in: Historical Materialism, 15 (2007): 177-204; African Land Questions, Agrarian Transitions and the State: Contradictions of Neoliberal Land Reforms (Dakar: CODESRIA Greenbook, 2008); (coedited with Paris Yeros): Reclaiming the Land: The Resurgence of Rural Movements in Africa, Asia and Latin America (London: Zed Books, 2005); (co-edited with Kojo Sebastian Amanor): Land and Sustainable Development in Africa (London: Zed Books, April 2008).

Address: Prof. Dr. Sam Moyo, Executive Director, African Institute for Agrarian Studies (AIAS), 19 Bodle Avenue, Eastlea, P O Box CY3396, Harare, Zimbabwe; Postal address.

*Email*: <sammoyo@ecoweb.co.zw>. *Website*: <http://www.aiastrust.org>.

Fabien Nathan (France), research assistant at the National Centre for Competence in Research, North-South (NCCR/NS, Switzerland), PhD candidate at the Graduate Institute of International and Development Studies (IHEID, Gene-

va), a former consultant for the *International Strategy for Disaster Reduction* (UN/ISDR). He graduated in history, and obtained master degrees in sociology and in development studies. His main area of work are: sociology of natural risks and disasters, vulnerability, risk management and security issues. His publications include: "Risk perception, risk management and vulnerability to landslides in the hill-slopes in the city of La Paz, Bolivia. A preliminary statement", in: *Disasters*, 32/3 (Autumn 2008). Text at: <a href="http://www.blackwell-synergy.com/toc/disa/o/o>;" "La gestion des risques de catastrophe naturelle au niveau global: co-hérences et incohérences d'un domaine en constitution", working paper, Geneva, IUED and NCCR-NS/IP8, (2005).

Address: M. Fabien Nathan, IHEID, 20, rue Rothschild, CH-1211 GENEVE, Switzerland

Email: <Fabien.Nathan@iued.unige.ch>.

Website: <a href="http://www.afes-press.de/html/download\_nathan.html">http://www.afes-press.de/html/download\_nathan.html</a> and <a href="http://www.nccr-north-south.unibe.ch/Person/person.asp?contextID=&Context=NCCR&refTitle=the%20">http://www.afes-press.de/html/download\_nathan.html</a> and <a href="http://www.afes-press.de/html/download\_nathan.html">http://www.afes-press.de/html/download\_nathan.html</a> and <a href="http://www.afes-press.de/html">http://www.afes-press.de/html</a> and <a href="http://www.afes-press.de/html">http://www.afes-press

Tereza Nemeckova (Czech Republic), lecturer and research fellow at the Department of the World Economy at the University of Economics in Prague, Czech Republic. She obtained a bachelor degree in international trade and a master degree in international politics and diplomacy. In January 2008 she finished her post graduate studies at the same university. Her Ph.D dissertation focused on: "The European Development Policy: new approaches and directions". She has participated in many national and international conferences and published papers in national journals. She focuses on development economics and issues of the European development policy. Apart from her academic profile she has been a head of an IT development project in Botswana, where she started to focus on obstacles of human development as an internal factor of economic development of developing countries.

Address: Dr. Tereza Nemeckova, University of Economics, Department of the World Economy, W. Churchill sq.4, Prague 3, Czech Republic.

Email: <nemecte@vse.cz>, and <tnemeckova@gmail.com>. Website: <rst.vse.cz>.

David Newman (Israel), Ph.D (University of Durham, UK, 1981) is professor of political geography and geopolitics, Department of Politics and Government, Ben Gurion University, Israel. He is co-editor of Geopolitics, a quarterly peer reviewed journal published by Taylor & Francis (Routledge). He has been at Ben Gurion University since 1987, in the Department of Geography until 1997, when he founded and chaired the Department of Politics and Government. From 1996-1998 he was Director of the Hubert Humphrey Institute for Social Research at Ben Gurion University. In 2003 he facilitated the founding of the Centre for the Study of European Politics and Society (CESPS) at the University. He was the Leverhulme Professor of Geopolitics at the University of Bristol, UK, in 2006-07. His recent publications include: "The geopolitics of peacemaking in Israel-Palestine", in: Political Geography, 21,5 (1999): 629-646; "On borders and power: A Theoretical Framework", in:

Journal of Borderland Studies, 18,1 (2002): 13-25; "Conflict at the interface: The impact of boundaries and borders on contemporary ethno-national conflict," in: Flint, Colin (Ed.): Geographies of War and Peace (Oxford: Oxford University Press, 2003); "The resilience of territorial conflict in an era of globalization", in: Kahler, Miles; Walters, Barbara (Eds.): Territory, Conflict and Globalization (Cambridge: Cambridge University Press, 2004); "The lines that continue to separate us: Borders in our borderless world", in: Progress in Human Geography, 30,2 (2006) 1-19; "Geographic Discourses: The Changing Spatial and Territorial Dimensions of Israeli Politics and Society", in: Israel Studies, 13, 1 (2008) 1-15; "Borders and bordering: towards an interdisciplinary dialogue", in: European Journal of Social Theory, 9,2 (2006), 171-186; "The academic boycott of Israel", in: Israel Journal of Foreign Affairs; 2,2 (2008), 45-56; "Geographic Discourses: The Changing Spatial and Territorial Dimensions of Israeli Politics and Society", in: Israel Studies, 13,1 (2008), 1-15; "The formation of national identities in Israel / Palestine: The construction of spatial knowledge and the contested territorial narratives", in: Slocum, Nikki (Ed.): Promoting Conflict or Peace through Identity (Aldershot: Ashgate, 2008); "The Renaissance of a Border which Never Died: The Green Line between Israel and the West Bank", in: Diener, Alexander; Hagen, Joshua (Eds.): Border Lines: History and Politics of Odd International Borders (Lanham, MD: Rowman & Littlefield, 2009); "Theorizing Borders: New Directions in Border Studies", in: Wastl-Water, Doris (Ed.): Research Companion to Border Studies (Aldershot: Ashgate, 2009).

Address: Prof. Dr. David Newman, Department of Politics and Government, Ben Gurion University, Beer Sheva, Israel 84105.

Email: <newman@bgu.ac.il>.

Website: <a href="http://web2.bgu.ac.il/Politics/new\_pages/index.htm">http://web2.bgu.ac.il/Politics/new\_pages/index.htm</a>>.

Matthew Norton (UK) is currently a Ph.D. researcher at the Sociology Department of Yale University. Previously he was the coordinator of the Department of International Peace Studies and a lecturer at the University for Peace in San José (Costa Rica). He obtained an MA in Conflict Resolution from Bradford University (UK) and a BA in Philosophy from Villanova University (US). He has focused on a linked series of questions relating to conflict, culture, sentiment, epistemology, and politics in a variety of professional and research settings. He is currently looking at the study of war from the vantage of meaning, the construction and destruction of moral communities, the role of art in enabling solidarity, and the interface of culture and disaster. He has published in the: *Journal of Political and Military Sociology*.

Address: Dr. Matthew Norton, Department of Sociology, Yale University, P.O. Box 208265, New Haven CT 06520-8265, USA.

*E-mail*: <matthew.norton@yale.edu>. *Website*: <http://www.yale.edu/sgs/>.

Empt Assess Name of Community Di

Ernst-August Nuppenau (Germany): PhD (agricultural economics, University of Kiel), is a professor of environmental

and agricultural policy analysis, University of Giessen, Germany. He has worked in several projects of resource conservation and spent two years in Zimbabwe for development studies. His current research interest and focus is on the efficiency of water use and spatial optimization of irrigation systems as well as on the economics of salinity. Major publications include: "How multi-functionality can translate into non-trade concerns in the WTO: on price transmission and competition between constituencies", in: International Journal of Agricultural Resources, Governance and Ecology, 4,3/4: 306-326; "Biodiversity Management through Compensation Payments for Landscape Elements: On Spatial Aspects in Bio-Economic Modeling to get Cost Effectiveness", in; Kontoleon, A.; Pascual, U.; Swanson, T. (Eds): Frontiers in Bio-economic Modelling (Cambridge: Cambridge University Press): 446-477; (with Fang Lan): "Adoption of Efficient Irrigation Technologies in a Spatial Model for Water Use", in: Journal of Quantitative and Technical Economics, 23,3 (2006): 85-94. He has also contributed chapters to various books.

Address: Prof. Dr Ernst-August Nuppenau, Institut für Agrarpolitik und Marktforschung, Justus-Liebig-Universität, Senckenbergstrasse 3, D-35394 Giessen, Germany. Email: <ernst-august.nuppenau@agrar.uni-giessen.de>. Website: <a href="http://www.uni-giessen.de/fbro9/">http://www.uni-giessen.de/fbro9/</a>>.

Joy Ogwu (Nigeria), Ambassador, is the Permanent Representative of the Federal Republic of Nigeria to the United Nations in New York. See: *Biographies of authors of forewords and preface essays*.

Úrsula Oswald Spring (Mexico), research professor at the National University of Mexico (UNAM), in the Regional Multidisciplinary Research Center (CRIM) in Cuernavaca. See *biographies of editors*.

Zarina Othman (Malaysia): Ph.D., University of Denver, Colorado, USA; senior lecturer of international relations at the Universiti Kebangsaan Malaysia (UKM/National University of Malaysia), formerly a coordinator for the master of social science (Defence Studies), a joint programme between UKM and Malaysia Armed Forces Defence College, Kuala Lumpur; adjunct lecturer at the Malaysia Institute of Diplomacy and Foreign Relations (IDFR) and Malaysia Senior Police College in Kuala Lumpur; April-May 2006, research fellow at the Institute of Strategic Studies and International Affairs, Tamkang University (Taiwan) and guest lecturer at the Masters in International Relations Program (MIR), Faculty of Political Science, Thammasat University (Thailand). Specializations: international relations theory, security studies, and comparative politics. Research interests include non-traditional security issues, human trafficking, rise of Islam, U.S. interests in East Asia, Southeast Asian regional security, Myanmar/Burma, peace studies, gender and development issues. Major publications: "Myanmar (Burma): Born to be a 'Narco State'?" in : Asian Profile, 2008; "Common Threat: Trafficking of Women and Children in Malaysia and Thailand," in: Amriah Buang (Ed.): Malaysia and Thailand in the 21st Century: Some Common Concerns (Bangi: UKM, 2007); "Human Trafficking, Human (In)security, and Security in Malaysia,"

in: Karen Beeks; Delila Amir (Eds.): Trafficking and the Global Sex Industry (Lanham, Md: Lexington Books, 2006); "Neorealism and Institutionalism in War and Peace," in: Ghazali Mayudin, Jamaie Hamil; Sity Daud; Zaini Othman (Eds.): Democracy, Leadership and Security in Malaysian Politics (Bangi: UKM, 2006); (co-ed. with Sity Daud): Politics and Security [in Malay] (Bangi, UKM, 2005); (coauthor with Sity Daud): "Human Security and Social Safety Nets," in: Sity Daud; Zarina Othman (Eds.): Politics and Security [in Malay] (Bangi, UKM, 2005; "The Rights of a Non-Muslim in Muslim States" [in Malay], in: Isu Syariah dan Undang-Undang (Bangi: Fakulti Islam, 2005; "Myanmar, Illicit Drug Trafficking and Security Implications," in: Akademika: Journal of Social Sciences and Humanities, 2004; "Trafficking in Women and Children: Focus on Malaysia," in Journal of Population, 2004.

Address: Dr. Zarina Othman, Program of Strategic Studies and International Relations, School of History, Politics and Strategy, Faculty of Humanities and Social Sciences, Universiti Kebangsaan Malaysia (UKM), Bangi 43600, Selangor, Malaysia.

Email: <zaiothmano2@yahoo.com>.
Website: <a href="http://www.ukm.my/english/">http://www.ukm.my/english/>.

Rajendra K. Pachauri (India) is Director-General of TERI and since April 2002 Chairman of the Intergovernmental Panel on Climate Change (IPCC). See: *Biographies of authors of forewords and preface essays*.

Douglas Pattie (United States): Ph.D. (Colorado State University), coordinator of the Platform for the Promoton of Early Warning, United Nations International Strategy for Disaster Reduction (UN/ISDR), Bonn, Germany. His work focused on a number of problems confronting the sustainable use of arid and semiarid lands including desertification control; environmental security and migration; methodological and institutional issues surrounding early warning systems; the use of traditional knowledge for disaster reduction; participatory GIS for vulnerability and risk reduction; mapping land-cover dynamics; community-based fire management; benchmarks and indicators of change in drylands; desertification in developed countries; remote sensing of arid and semi-arid rangeland and on the non-traditional causes of vegetation change. Prior to the UN/ISDR he served as environmental affairs officer with the United Nations Convention to Combat Desertification. He has also previously worked with the International Tropical Timber Organization in Yokohama, Japan as projects manager.

Address: Dr. Douglas Pattie, UN/ISDR, UN Campus, Herman-Ehlers-Strasse 10, D-53113 Bonn, Germany.

Email: <pattie@un.org>.

Website: <www.unisdr-earlywarning.org>.

Nana K. Poku (Ghana/UK) is professor of African politics and holds the John Ferguson Professorial Chair at the University of Bradford. From 2003 - 2006 he was the Executive Director of the United Nations' Commission on HIV/AIDS and Governance in Africa (CHGA). He has a multifaceted diplomatic and academic career including: senior advisor to the United Nations Secretary-General Kofi An-

nan (HIV/AIDS); principal advisor to Executive Secretary of the UNECA (on poverty and health) and senior advisor - Africa Union Strategic Group on HIV/AIDS, Malaria and Tuberculoses. He has also been an advisor to the IMF, the World Bank, the OECD, the World Health Organization, and the United Nations Development Programme, among other international agencies. His recent publications include: Africa's AIDS Crisis: how the poor are dying (Oxford: Polity 2006); (with Anthony McGraw) Globalisation, Development and Human Security (Oxford: Polity 2007); (with Alan Whiteside; Bjorg Sandkjaer) AIDS and Governance (Aldershot: Ashgate 2007).

Address: Prof. Dr. Nana K. Poku, Department of Peace Studies, University of Bradford, Bradford, UK, BD7 1DP, 11K

Email: <N.Poku@bradford.ac.uk>.

*Website*: <a href="http://www.bradford.ac.uk/acad/peace/staff/academic/poku\_n/">http://www.bradford.ac.uk/acad/peace/staff/academic/poku\_n/</a>>.

Eva Patricia Rakel (Germany/The Netherlands): lecturer at the University of Amsterdam, The Netherlands. She has published in English on politics, economy, and foreign relations of Iran and on Central Eurasia. Her English publications include: Power, Islam, and Political Elite in Iran - A Study on the Iranian Political Elite from Khomeini to Ahmadinejad (Leiden - Boston - London: Brill Academic Publishers, 2008); "Iranian Foreign Policy since the Iranian Islamic Revolution", in: Amineh, Mehdi Parvizi (Ed.): The Greater Middle East in Global Politics - Social Science Perspectives on the Changing Geography of the World Politics (Leiden - Boston - London: Brill Academic Publishers, 2007): 147-175; "Conglomerates in Iran: The Political Economy of Islamic Foundations", in: Jilberto Fernandez, Alexander; Hogenboom, Barbara (Eds.): Conglomorates and Economic Groups in Developing Countries and Transition Economies (London: Sage, 2006): 109-132; "Paradigms of Iranian Policy in Central Eurasia and Beyond", in: Amineh, Mehdi Parvizi; Houweling, Henk (Eds.): Central Eurasia in Global Politics: Conflict, Security and Development (Leiden - Boston: Brill Academic Publishers, 2004/2005): 235-257; "Azerbaijani", in: Skutsch, Carl (Ed.): Encyclopedia of the World's Minorities (London: Routledge, 2004).

Address: Dr. Eva Patricia Rakel, Department of Political Science, University of Amsterdam, O.Z. Achterburgwal 237, 1012 DL Amsterdam, The Netherlands. *Email:* <e.p.rakel@uva.nl>.

P.S. Ramakrishnan (Palayanoor Sivaswamy Ramakrishnan) (India) is emeritus professor and Indian National Science Academy honorary senior scientist at the School of Environmental Sciences, Jawaharlal Nehru University. With a wide range of experiences working in universities and research institutions in India and abroad, in the interface of natural and social sciences, he has used knowledge systems (traditional and formal) as powerful tools for ensuring rural community participation in conservation linked sustainable development initiatives, based on a value system that they understand. He has been successful in converting his research results into policy and developmental initiatives, working in the broad area of ecology linked with sustaina-

ble development. With over 450 research articles and 23 research-based synthesis volumes, he has taken research results to society at large through policy documents, outreach volumes, and audio-visual documentaries.

Address: Prof. Dr. P.S. Ramakrishnan, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi 110067, India.

Email: <psr@mail.jnu.ac.in >.

Website: <a href="http://www.jnu.ac.in/main.asp?sendval=School-OfEnvironmentalSciences">http://www.jnu.ac.in/main.asp?sendval=School-OfEnvironmentalSciences</a>.

Andreas Rechkemmer (Germany) is the executive director of the International Human Dimensions Programme on Global Environmental Change (IHDP), a joint research programme of the International Council for Science (IC-SU), the International Social Science Council (ISSC), and the United Nations University (UNU) mandated to promote and coordinate the world-wide cutting edge research on the human and societal aspects of global change. He holds a masters degree in philosophy and political science and a PhD in international relations. He lectures at the University of Cologne, Germany, and has published several books, book chapters and journal articles. Among others, he is the editor of: UNEO - Towards an International Environment Organization (2005). He has a distinct background in science for policy making processes, and has worked with the UN in several functions, as well as with the Social Science Research Center Berlin (WZB) and the German Institute for International and Security Affairs (SWP).

Address: Dr. Andreas Rechkemmer, IHDP Secretariat (UNU-IHDP), UN Campus, Hermann-Ehlers-Str. 10, D-53113 Bonn, Germany.

Email: <rechkemmer@ihdp.unu.edu>.

Website: <a href="http://www.ihdp.unu.edu/file/public/2007/f33">http://www.ihdp.unu.edu/file/public/2007/f33</a>. pdf?menu=130>.

Guénaël Rodier (France, Switzerland) is director, International Health Regulations Coordination Programme, World Health Organization (WHO), Geneva. His main degrees include an MD from René Descartes University, Paris, a MSc in clinical tropical medicine from the London School of Hygiene and Tropical Medicine (recipient of the Frederick Murgatroyd Award) and a qualification in public health from Ordre des Médecins, Paris. From 2000 to 2005, he was director, Communicable Disease Surveillance and Response, WHO, Geneva and has an extensive experience in emerging infections and epidemic control. He has been actively involved in the development of new WHO strategies, tools and guidelines for communicable disease surveillance and response, and initiated and supervised the revision of the International Health Regulations. He has coordinated international teams for outbreak investigations, research projects, and assessments of national surveillance systems in more than 30 countries. His work relates to the international control of avian influenza, SARS, viral haemorrhagic fevers (Ebola, Marburg), arboviruses (Rift valley fever, dengue, yellow fever), plague, cholera, Hantavirus, drug-resistant tuberculosis, and HIV infection. Dr Rodier started his career as a general practitioner in the Republic of Djibouti,

East Africa, from 1983 to 1989 then he joined the International Health Programme of the University of Maryland at Baltimore and was seconded to the U.S. Naval Medical Research Unit No. 3, Cairo, Egypt, from 1990 to 1994. He joined WHO, Geneva, in 1994. He has contributed to more than 70 scientific peer reviewed publications. Selected publications are: "WHO response to epidemics", in World Health (1997); (co-author with D. Heymann): "SARS: Lessons from a new disease - Preparing for the next disease outbreak. Learning from SARS", in: US National Academies Press (2004); (co-author with D. Heymann): "SARS: A Global Response to an International Threat", in The Brown Journal of World Affairs (2004); "Menace microbienne, santé publique et sécurité de l'Etat: l'urgence d'un investissement intersectoriel et d'une coopération internationale", in: Géopolitique (2006); "Implementing the International Health Regulations (2005) in Europe", in: Eurosurveillance (2006); "Global Public Health Security", in: Emerging Infectious Diseases (2007).

Address: Dr Guénaël Rodier, IHR Coordination Programme, World Health Organization, 20, Avenue Appia, 1211 Geneva 27, Switzerland.

Email: <rodierg@who.int>. Website: <www.who.int/ihr>.

Francisco Rojas Aravena (Chile): PhD in political science and specialist in international relations and international security. From 1996 to 2004 he was director of the Latin American Faculty of Social Sciences in Chile (FLACSO-Chile), and since 2004 is the Secretary General of the Latin American Faculty of Social Sciences (FLACSO). Early in his career, he was professor of international relations, international cooperation, Latin America in world politics and US foreign policy towards Central America at the National University in Costa Rica (UNA). He has also served as research coordinator of the School of International Relations at the same university. He has taught at Stanford University in the Santiago de Chile Campus and was Fulbright professor at the Latin American and Caribbean Center of Florida International University (FIU) Miami (1986-1987). With some regularity, he has been invited to lecture at the MA and PhD programme in Latin American Studies at the Complutense University, and at Ortega y Gasset University in Madrid. He has served as a consultant of the United Nations programmes of UNDP and ECLAC. He is also a member of the Latin American Advisory Board of the Open Society Institute (OSI), and of the Equitas Foundation. He has published extensively on political science, foreign policy, conflict resolution and negotiations, defence and security matters of the Americas. Some of his latest publications are: (co-ed. with Josette Altmann): Paradojas de la integración en América Latina y el Caribe (Madrid: Editorial Siglo XXI, 2008); El crimen organizado internacional: una grave amenaza a la democracia en América Latina y el Caribe (San José, FLACSO-SG, 2006); (co-ed. with Klaus Bodemer): La Seguridad en las Américas: Nuevos y Viejos Desafío [The Security in the Americas, New and Old Challenges] (Madrid: Iberoamerica/Vervuert, 2005).

Address: Prof. Dr. Francisco Rojas Aravena, Secretary General of the Latin American Faculty of Social Sciences-FLACSO, PO Box 5429, San José 1000, Costa Rica.

Email: <frojas@flacso.org>.

Website: <a href="http://www.flacso.org">http://www.flacso.org</a>.

A. K. M. Abdus Sabur (Bangladesh), educated and trained at Kiev State University, Kiev, Ukraine and at Columbia University, New York, USA respectively, is research director and head, International Studies Division, Bangladesh Institute of International and Strategic Studies (BIISS) and associate editor of BIISS Journal. He has been a visiting scholar at Columbia University, New York, USA and a research fellow at the Institute of Southeast Asian Studies, Singapore. His research interests include conflict management and resolution, postconflict peace-building and human security with particular reference to South and Southeast Asia. He has written or edited (alone or jointly) eight books and monographs, and contributed thirty-four research articles to academic journals and books. Books and monographs published by him are: (as editor and contributor): Politics and Security in South Asia: Salience of Religion and Culture (2004); (co-author): Conflict Management and Sub-regional Cooperation in ASEAN: Relevance for SAARC (2000); (editor and contributor): Development Co-operation at the Dawn of the Twenty First Century: Bangladesh-German Partnership in Perspective (2000); (editor): Nuclearisation of South Asia: Challenges and Obtions for Bangladesh (1998); Challenges of Governance in India: Fundamentals under Threat (1995); (co-editor and contributor): Bangladesh: Society, Polity and Economy (1993); Post-Brezhnev Soviet Policy Towards the Third World (1988); (co-author): ASEAN Experiences of Regional and Inter-regional Co-operation: Relevance for SAARC (1988).

Address: Mr. A. K. M. Abdus Sabur, Research Director, BIISS, 1/46 Old Elephant Road, Ramna, Dhaka-1000, Bangladesh.

*E-mail:* <sabur@biiss.org>. *Website:* <http://biiss.org/>.

Abdullah Sahar Mohammad (Kuwait) is an associate professor of international relations at the Political Science Department in Kuwait University. He graduated from Kuwait University in 1985 with a BA in political science. He obtained his MA in international affairs from Florida State University in 1988, and his Ph.D. from the University of Kentucky in 1994 and has also been a visiting professor at London School of Economics and International Relations 1997-8. Among his areas of interest are non-governmental organizations, security studies, terrorism, political economy, energy studies, and political Islam. His publications have dealt with matters such as Orientalism school and its role in the foreign policies of western countries toward Muslim and Arab, the impact of globalization on Third World countries, the Arab Israeli conflict, grassroots of terrorism, The public perspective of terrorism, Iran foreign policy, Western involvements in oil-related issues in the Gulf, international intervention and security in the post-Westphalian era. He held many governmental posts within Kuwaiti government institutions including senior consultant in the WTO for the Minister of Trade, head of a task force in the ministry of National Assembly, and currently as senior advisor in the Kuwait National Security Bureau. In addition, he is a columnist in the Al Anba newspaper. He is also committed to many voluntary activities such as serving as a president of Kuwait University Faculty Association, member in the Kuwait Press Association, and commentator on political related issues with Kuwait TV and Radio.

Address: Prof. Dr. Abdullah Sahar, P.O. Box 68168 Kaifan, Faculty of Social Sciences, Kuwait University, Kuwait Cty, Kuwait.

Email: <a-sahar@maktoob.com>.

Mohammad Musfequs Salehin (Bangladesh), assistant professor in the Department of Rural Sociology at Bangladesh Agricultural University. Born in 1976, he obtained a bachelor (Honors) and master degree in sociology. He holds a M.Phil. degree in Peace and Conflict Transformation with a thesis entitled "Governance and Political Violence: A Study on Bomb Terrorism in Bangladesh" from the University of Tromsø, Norway. His research interest includes good governance, human and health security and terrorism and Islam (mainly in South Asia). He has published both in national and international journals.

Address: Assistant Prof. Mohammad Musfequs Salehin, Department of Rural Sociology, Bangladesh Agricultural University, 2202 Mymensingh, Bangladesh.

*E-mail*: <mmsalehin1976@yahoo.com>. *Website*: <http://www.bau.edu.bd/>.

Mohamed Abdelrahim (or M.A.) Mohamed Salih (PhD) economic and social studies. University of Manchester, UK) is professor of politics of development both at the Institute of Social Studies, The Hague and the Department of Political Science, University of Leiden, The Netherlands. He was vice chair, International Human Dimension Programme on Environmental Change (IHDP), Bonn, Germany. Currently he is of the Steering Scientific Committee of System Analysis for Research and Training (START), Washington DC., PAN-African START, Nairobi, Kenya, International Council for Sciences' (ICSU) ad hoc Panel on Priority Area Assessment (PPAA) on Capacity Building in Science, Paris, France and review editor on "Climate Change and Sustainable Development" of the Intergovernmental Panel on Climate Change (IPCC). His publications include these major books: Inducing Food Insecurity: Perspectives on Food Policies in Eastern and Southern Africa (Uppsala: Scandinavian Institute of African Studies, 1994); Environmental Planning, Policies and Politics in Eastern and Southern Africa (Basingstoke: Macmillan - New York: St. Martins Press, 1999); Environmental Politics and Liberation in Contemporary Africa (Dordrecht - Boston - London: Kluwer Academic Publishers, 1999); Local Environmental Change and Society in Africa (Dordrecht - Boston - London: Kluwer Academic Publishers, <sup>2</sup>2002) African Pastoralism: Conflicts, Institutions and Governance (London - Perth - Virginia: Pluto, 2001); African Democracies and African Politics (London - Perth - Virginia: Pluto, 2001); African Parliaments between Government and Governance (Basingstoke: Palgrave - New York: St. Martin's, 2005); Africa Networking: Information Development, ICTs and Govern-

ance (Utrecht: International Books - Addis Ababa: United Nations Economic Commission for Africa (ECA), 2004); African Political Parties: Evolution, Institutionalisation and Governance (London - Perth - Virginia: Pluto, 2003); Political Parties in Africa: Challenges for Sustained Multiparty Democracy (Stockholm: International Institute for Democracy and Electoral Assistance, 2007); African E-Markets: Information and Economic Development in Africa (Utrecht: International Books & Addis Ababa: Economic Commission for Africa, 2007); Sustainable Development and Climate Change: New Challenges to Poverty Reduction (Edward Elgar, May 2009, forthcoming).

Address: Prof. Dr. M. A. Mohamed Salih, Institute of Social Studies, P.O. Box 29776, 2502 LT The Hague, The Netherlands and postal address: Kortenaerkade 12, 2518 AX, The Hague, The Netherlands.

E-mail: <salih@iss.nl>.

Website: <a href="http://www.iss.nl/iss/profile/AC1212/new">http://www.iss.nl/iss/profile/AC1212/new</a>>.

Bjorg Sandkjaer (Norway) is an associate demographer with the African Centre for Gender and Social Development at the United Nations Economic Commission for Africa (Ethiopia), currently on secondment to the GAVI Alliance secretariat in Geneva, Switzerland. From 2004 - 2006 she served as an assistant to the Director of Research of the secretariat to the UN Commission on HIV/AIDS and Governance in Africa. She has worked in the interface between research and policy, using data and research to inform policy formation and programme implementation, particularly in the health and social services sector, in European and African contexts. She has co-authored several journal articles and book chapters on health service provision to minority groups and AIDS and governance, AIDS and sustainable development, and AIDS and human security. She co-edited (with Whiteside, Alan; Poku, Nana K.): AIDS and Governance (Aldershot: Ashgate, 2007).

Address: Ms. Bjorg Sandkjaer, GAVI Alliance Secretariat, c/o UNICEF, Palais des Nations, CH-1211 Geneva 10 Switzerland.

*Email*: <b.sandkjaer@gmail.com>. *Website*: <www.gavialliance.org>.

Jörg Schindler (Germany) joined the Ludwig-Bölkow-Systemtechnik (LBST) in Ottobrunn in 1984 and has been its managing director since 1992. He studied business economics at the University of Munich and graduated with a diploma degree in commerce in 1968. From 1968 to 1984 he was employed by various industrial companies in Munich working on research and development projects, especially on traffic planning and systems analysis for new transport systems. At LBST he has focused on commercialization of photovoltaics and other renewable energy sources; clean mobility systems for road transport; clean fuels produced from renewable energy sources (like hydrogen); future availability of fossil fuels (especially oil and gas). He has been an active member of the board of "e5 - The European Business Council for a Sustainable Energy Future" (1999-2003); as a member of the Enquête Commission of the Bavarian Parliament on "New Energy for the New Millenium" and he is a member of the Energy Watch Group (<www.energywatchgroup.org>). Among his major publications are: Campbell, Colin J.; Liesenborghs, Frauke; Schindler, Jörg; Zittel, Werner: Ölwechsel (München: Deutscher Taschenbuch Verlag [dtv], 2002, <sup>2</sup>2007).

Address: Mr. Jörg Schindler, Ludwig-Bölkow-Systemtechnik GmbH, Daimlerstrasse 15, 85521 München-Ottobrunn.

Email: <schindler@lbst.de>.

Albrecht Schnabel (Germany) is a senior fellow at the Research Division of the Geneva Centre for the Democratic Control of Armed Forces (DCAF) in Geneva, Switzerland. Before joining DCAF, he was a senior research fellow at the Swiss Peace Foundation "swisspeace" in Bern. At swisspeace he directed the research programme on human security (HUSEC) and was responsible for the Bern-based team of the early warning programme FAST International. Previously he served as an academic officer in the Peace and Governance Programme of the United Nations University, Tokyo, Japan (1998-2003). He has taught at Queen's University (1994), the American University in Bulgaria (1995-1996), the Central European University (1996-1998), Aoyama Gakuin University (2002-2003) and since 2004 at the University of Bern. In 1997 he was a visiting research fellow at the Institute for Peace Research and Security Policy (IFSH) at the University of Hamburg and participated in OSCE election monitoring missions in Bosnia-Herzegovina. Since 1999 he has served as a trainer for the UN System Staff College course on Early Warning and Early Response and, in 2001-02, as president of the International Association of Peacekeeping Training Centres. He was educated at the University of Munich, the University of Nevada, and Oueen's University, Canada, where he received his PhD in Political Studies in 1995. He has published widely on ethnic conflict, refugees, human security, conflict prevention and management, peacekeeping, post-conflict peace-building, including most recently: "The Human Security Approach to Direct and Structural Violence", in: SIPRI Yearbook 2008: Armaments, Disarmament and International Security (Oxford: Oxford University Press, 2008): 87-96.

Address: Dr. Albrecht Schnabel, Geneva Centre for the Democratic Control of Armed Forces (DCAF), Rue de Chantepoulet II, PO Box 1360, 1211 Geneva I, Switzerland. Email: <a.schnabel@dcaf.ch>.

Website: <www.dcaf.ch>.

Max Schott (Germany/USA) is programme officer in the Human Security Unit, Office for the Coordination of Humanitarian Affairs (OCHA) of the United Nations Secretariat in New York. From 2001 to 2008 he worked at UNESCO Headquarters at the Office of the Assistant Director-General for Social and Human Sciences and within the Division for Human Rights, Human Security and Philosophy; as well as at the World Health Organization in Geneva. He has participated in the coordination of numerous regional and international research policy conferences on human security; in collaboration with diverse regional organizations such as the League of Arab States and ASEAN, among others. He has extensively travelled to West, East,

and Central Africa within the framework of several projects aiming, inter alia, at the establishment of regional think tanks, namely in Djibouti and Cape Verde; carried out in close cooperation with regional institutions such as ECOW-AS and IGAD. He has also supervised projects tackling poverty and human security issues in Benin, Burkina Faso, Mali, Niger and Senegal. After studying political science and sociology at the Albert-Ludwigs-University of Freiburg and at the Sorbonne in Paris, he obtained the Diplôme de Sciences Po with a major in security and development issues from the Institut d'Etudes Politiques de Paris. He holds a Diplôme d'Etudes Approfondies in international relations from the Ecole Doctorale de Sciences Po, Paris. He has also lectured on 'human rights and development at the UN' for the Master's degree at the Institut d'Etudes Politiques de Paris.

Address: Mr. Max Schott, Human Security Unit, Office for the Coordination of Humanitarian Affairs (OCHA), United Nations Secretariat, New York, NY 10017, (USA). *Email*: <schottmax@hotmail.com> and <schott@un.org>.

Leo Schrattenholzer (Austria), senior consultant, Integrated Resources Management (Vienna); co-director, International Energy Workshop (IEW). From 1973-2006 researcher and research leader (Environmentally Compatible Energy Systems Group) at the International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria. He holds a master's degree in mathematics and a Ph.D. in energy economics, both from the Technical University of Vienna. He has also served as a consultant to the Commission of the European Communities (Brussels), to the World Bank, to the Asian Development Bank, as well as to governmental agencies in several countries (including Kuwait, Peru, and Taiwan). He has also repeatedly served as a lecturer of energy systems analysis (Technical Universities of Vienna and Graz, Tsinghua University, Beijing). He is the author of numerous publications, and he is a member of the Editorial Boards of the Pacific and Asian Journal of Energy (PAJE), the International Journal of Energy Technology and Policy (IJETP) and the International Journal of Global Energy Issues (IJGEI).

Address: Dr. Leo Schrattenholzer, Technikerstraße 8/7, A 2340 Mödling, Austria. E-mail: <LeoSchr@al.net>.

Miranda Schreurs (USA/Germany) is director of the Environmental Policy Research Centre and professor of comparative politics at the Freie Universität Berlin. Prior to this she was associate professor in the Department of Government and Politics, University of Maryland. Her work focuses on comparative environmental and energy politics and policy. She was born and raised in the United States and has also lived for extended periods in Japan and Germany and briefly in the Netherlands. Her PhD is from the University of Michigan and her MA and BA from the University of Washington. She has held fellowships from the SSRC-MacArthur Foundation Program on International Peace and Security Affairs, the Fulbright Foundation (Japan and Germany), and the National Science Foundation/Japan Society for the Promotion of Science. Her books include:

Environmental Politics in Japan, Germany, and the United States (Cambridge: Cambridge University Press, 2002); (translated and edited by Shinichi Nagao): Chikyu Kankyo Mondai no Hiko Seijigaku: Nihon, Doitsu, Amerika (Tokyo: Iwanami Press, 2007); (co-authored with Elim Papadakis): Historical Dictionary of the Green Movement (Blue Ridge Summit, PA: Scarecrow Press, 2007). She has also co-edited a number of volumes: (co-ed. with Henrik Selin and Stacy VanDeveer): TransAtlantic Environment and Energy Politics: Comparative and International Perspectives (Aldergate, Hampshire: Ashgate Publishing, forthcoming 2009); (co-ed. with In-taek Hyun): The Environmental Dimensions of Asian Security: Cooperation and Conflict over Pollution, Energy, and Resources (Washington, D.C.: United States Institute of Peace Press, 2007); (co-ed. with Hidefumi Imura): Environmental Policy in Japan (Cheltenham, UK and Northampton, USA: Edward Elgar, 2005); (co-ed. with Elizabeth Economy): The Internationalization of Environmental Protection (Cambridge: Cambridge University Press); and (co-ed. with Dennis Pirages): Ecological Security in Northeast Asia (Seoul: Yonsei University Press, 1998).

Address: Prof. Dr. Miranda Schreurs, Environmental Policy Research Centre, Freie Universität Berlin, Ihnestrasse 22, Berlin, 14195, Germany.

Email: <miranda.schreurs@fu-berlin.de>.

Website: <www.fu-berlin.de/ffu>.

Jan Selby (UK), lecturer in the Department of International Relations, University of Sussex, UK. His research centres on the political economy of oil and water; the political economy of peace processes, with especial reference to the Middle East and South Asia; and Marxist and post-structuralist approaches to social theory and global politics. He is author of: Water, Power and Politics in the Middle East: The Other Israeli-Palestinian Conflict (London: IB Tauris, 2003); The Global Politics of Oil (Polity, 2008); (co-editor with Feargal Cochrane and Rosaleen Duffy): Global Governance, Conflict and Resistance (Basingstoke: Palgrave, 2003). His articles have appeared in journals such as Review of International Studies, Third World Quarterly, Government and Opposition, International Relations, Interventions and New Political Economy.

Address: Dr. Jan Selby, Department of International Relations, University of Sussex, Brighton BN1 9SN, UK.

*Email*: <j.selby@sussex.ac.uk>.

*Website*: <a href="http://www.sussex.ac.uk/irp/">.</a>.

Mohammad El-Sayed Selim (Egypt), professor of political science at Cairo University and presently at Kuwait University. He obtained a Ph.D. in political science from Carleton University, Canada in 1979. He taught at Cairo University, the American University in Cairo, King Saud University, and the United Arab Emirates University. Between 1995 and 2003 he established the Center for Asian Studies in Cairo University and served as its first director. He published a number of books and articles in Arabic and English in scholarly journals on issues related to foreign policy analysis, Arab-Asian relations, and Euro-Mediterranean relations. He also represented the Government of Egypt in a number

of world and Asian forums. Among his major books are: Non-Alignment in a Changing World (1983), Relations Among Muslim States (1991), Foreign Policy Analysis (1998), Towards a Red Sea Forum for Security and Cooperation (1998), Major Asian Powers and the Middle Eastern Conflicts (2000), Arab-Central Asian Relations (2000), The Development of International Politics in the Nineteenth and Twentieth Centuries (2002), The Nationalization of the Suez Canal Company: A Study in Decision Making (2002). Since 1995 he has published various academic papers on Euro-Mediterranean cooperation such as: Mediterraneanism: A New Dimension in Egypt's Foreign Policy (1995), Conceptual Issues in the projected Charter for Peace and Stability in the Mediterranean (2000), The Cultural Dimensions of the Euro-Mediterranean Partnership (2002). Recently, he has published "The environment in the 2002 Arab Human Development Report: A critique", in: Arab Studies Quarterly, 26,2 (Spring 2004). In 2006, he presented a paper at the Shanghai Forum for China Studies on: "China's oil diplomacy in the Middle East". In 2008, he published a paper at Tohoku University in Japan on: "Environmental risks and strategies in the Arabian Gulf region".

Address: Prof. Dr. Mohammad El-Sayed Selim, Faculty of Economics and Political Science, Cairo University, Giza, Egypt.

*Email*: <mselimeg47@yahoo.com> and<mselimeg@hotmail.com>.

Dieter Senghaas (Germany): Dr. phil. (political science, University of Frankfurt, FRG), professor of peace, conflict and development research, Institute of Intercultural and International Studies, University of Bremen, Bremen, FRG. Publications include: The European Experience. A Historical Critique of Development Theory (Leamington Spa, Dover: Berg Publishers 1985); The Clash within Civilizations. Coming to terms with cultural conflicts (London - New York: Routledge 2002); Klänge des Friedens. Ein Hörbericht (Frankfurt a.M.: Suhrkamp 2001); Zum irdischen Frieden (Frankfurt a.M.: Suhrkamp 2004); On Perpetual Peace. A Timely Assessment (New York - Oxford: Berghahn Books 2007); (co-editor): of: Vom hörbaren Frieden (Frankfurt a.M.: Suhrkamp 2005).

Address: Prof. Dr. h.c. Dieter Senghaas, Universitaet Bremen, Institut für Interkulturelle und Internationale Studien, PF 33 04 40, 28334 Bremen, Germany.

*Email*: <tmenge@iniis.uni-bremen.de>.

Website: <a href="http://www.iniis.uni-bremen.de/homepages/senghaas/index.php">http://www.iniis.uni-bremen.de/homepages/senghaas/index.php</a>>.

Alexander Sergunin (Russia) is professor of the Department of International Relations Theory & History, School of International Relations, St. Petersburg State University. Until 2008 he was a chair of the Department of International Relations and Political Science, Nizhny Novgorod Linguistic University. He holds Ph. D. in general history from Moscow State University (1985) and a habilitation in political science from St. Petersburg University (1994). The fields of his research are: IR theory, security studies, Russian foreign policy-making, Russia's security policies in the

CIS space and Europe, federalism and regionalism in post-Soviet Russia. His most recent publications include: Russia's Policy on Europe: Decision-Making Mechanism (Nizhny Novgorod: Nizhny Novgorod Linguistic University Press, 2007); International Relations in Post-Soviet Russia: Trends and Problems (Nizhny Novgorod: Nizhny Novgorod Linguistic University Press, 2007); (co-authored with Pertti Joenniemi): Russia and European Union's Northern Dimension: Clash or Encounter of Civilizations? (Nizhny Novgorod: Nizhny Novgorod: Nizhny Novgorod Linguistic University Press, 2003).

Address: Prof. Dr. Alexander Sergunin, Department of International Relations Theory & History, School of International Relations, St. Petersburg State University, 7/9 Universitetskaya naberezhnaya, St. Petersburg 199034 Russia. *E-mail*: <a href="mailto:sergunin@policy.hu">sergunin@policy.hu</a>>.

Website: <a href="http://www.dip.pu.ru/">http://www.dip.pu.ru/>.

Serena Eréndira Serrano Oswald (México), PhD candidate in social anthropology at the National Autonomous University of Mexico (UNAM). She holds a BA Hons in political studies and history from the School of Oriental and African Studies (SOAS) and an MSc in social psychology from the London School of Economics and Political Science (LSE), both at the University of London. Her particular areas of interest are: gender studies, identity, social representations, migration and the social and cultural construction of motherhood. She is currently working for a research project on HIV-AIDS and migration for the National Council of Science and Technology (CONACyT). In early 2008 she translated into Spanish selected chapters of the book: Brauch/Oswald Spring/Mesjasz/Grin/Dunay/Chourou/ Kameri-Mbote/Liotta (Eds.): Globalization and Environmental Challenges: Reconceptualizing Security in the 21st Century (Berlin - Heidelberg - New York: Springer, 2008). She worked on women-related research projects for the pharmaceutical industry in Mexico. During 2003-2005, she was assistant editor for volume 39 of the Encyclopedia on Life Support Systems (EOLSS). Selected publications: "Migración, identidad y cultura: el caso de San Martín Tilcajete, Oaxaca. Incursiones desde una perspectiva multidimensional y de género", in: Regiones y Desarrollo Sustentable, 5,9 (July-December 2005): 33-49; "Género, Migración y Paz: Incursiones a una Problemática desde una Perspectiva Multidimensional e Incluyente", in: Oswald Spring, Úrsula (Ed.): Resolución Noviolenta de Conflictos en Sociedades Indígenas y Minorías (Mexico City: Colegio de Tlaxcala - UAEM - CLAIP - Fundación Heinrich Böll, 2004). She writes periodic articles for the Oaxacan journal Mujeres.

Address: Ms. Serena Eréndira Serrano Oswald, Priv. Rio Bravo #1, Col. Vistahermosa, Cuernavaca, Morelos, México C.P. 62290.

Email: <sesohi@hotmail.com>.

Neysa Jacqueline Setiadi (Indonesia/Germany) is research associate at the United Nations University - Institute for Environment and Human Security (UNU-EHS). She graduated as an environmental engineer from the Institut Teknologi Bandung (Indonesia). Subsequently, she obtained

her M.Sc. in water resources engineering and management at the University of Stuttgart, Germany and worked as an intern for the German Technical Cooperation (GTZ) on Integrated Water Resources Management in the Philippines. As a member of the Vulnerability Assessment Section at UNU-EHS, her work focuses on local socio-economic and critical infrastructures vulnerability assessment to potential tsunami impacts as a contribution to the numerical tsunami early warning and evacuation information system (LAST-MILE - Evacuation Project). Recent publication: Birkmann, J.; Dech, S.; Hirzinger, G.; Klein, R.; Klüpfel, H.; Lehmann, F.; Mott, C.; Nagel, K.; Schlurmann, T.; Setiadi, N.; Siegert, F.; Strunz, G., 2007: "Numerical last-mile tsunami early warning and evacuation information system", in: Geotechnologien. Science Report, Early Warning System in Earth Management, 10: 62-74.

Address: Ms. Neysa Jacqueline Setiadi, UNU-EHS, UN Campus, Hermann-Ehlers Str. 10, 53111 Bonn, Germany.

Email: <setiadi@ehs.unu.edu>. Website: <http://www.ehs.unu.edu>.

Hideaki Shinoda (Japan) is assistant professor at the Institute for Peace Science, Hiroshima University, Japan. He obtained a Ph.D. in international relations from the London School of Economics and Political Science (LSE), University of London, after graduating from Waseda University, Japan. He has been engaged in the peacekeeping mission in Cambodia in 1993 after some volunteer works in Asia and Africa. He is the author of: Re-examining Sovereignty: From Classical Theory to the Global Age (London: Macmillan, 2000) that was translated into Chinese in 2004; Peacebuilding and the Rule of Law: Theoretical and Functional Analyses of International Peace Operations (in Japanese) (Tokyo: Sobunsha, 2003), which received the 2003 Osaragi Jiro Rondan Award of the Asahi Newspaper.

Address: Prof. Dr. Hideaki Shinoda, Institute for Peace Science, Hiroshima University, 1-1-89, Higashisendamachi, Naka-ku, Hiroshima-city, Hiroshima 730-0053, Japan.

*Email*: <hshinoda@hiroshima-u.ac.jp>.

Website: <a href="http://home.hiroshima-u.ac.jp/hshinoda/shino/index-e.htm">http://home.hiroshima-u.ac.jp/hshinoda/shino/index-e.htm</a>.

Vandana Shiva (India) is a physicist, ecofeminist, environmental activist and author. See *biographies of authors of forewords and preface essays*.

Joseph G. Singh (Guyana), MSS, MSc, MInstD, FCMI, FRGS holds a MSc (tourism and protected landscape management, School of Earth and Environmental Sciences, Greenwich University, UK) is currently the Chief Executive Officer of the Guyana Telephone and Telegraph Company of Guyana. He had a military career of 34 years, for the last ten years of which he was the Chief of Defence Staff of the Guyana Defence Force. He is a graduate of the University of Guyana (public administration), the UK Army Staff College Camberley and of the UK Royal College of Defence Studies (Strategic Studies and International Relations). After his retirement in June 2000, he became Chairman of the Guyana Elections Commission for the March 2001 general and regional elections, and Executive Director of

Conservation International Guyana in July 2001. From 2001-2005, he worked with international, local and community stakeholders to establish a Guyana National Protected Areas System linked to transboundary collaboration across the Guiana Shield, and on models of sustainable development to conserve biodiversity and generate economic benefits. He has published: The Role of the Military in Environmental Enforcement (Washington, DC: UNEP, 1993); Strategies in countering non-military threats to emerging Democracies (London: RCDS, 1995); Guyana: The Lost El Dorado - the Memoirs of Matthew French Young (Leeds: Peepal Tree Press, 1998); The Mataruki Trail: The Manuscript of C. Arthur Hudson (Georgetown, Guyana: Sheik Hassan Productions, 2004); and on security, environment, youth empowerment, adventure training and expeditions, history, and current affairs. He is the recipient of Guyana's highest national honour, the Military Service Star, of national awards from Brazil, Venezuela, Suriname, French Guyane and Cuba, and was decorated by Prince Bernhard of the Netherlands as an Officer of the Golden Ark for his contribution to global conservation.

Address: Major General (ret.). Joseph G. Singh MSS, CEO Guyana Telephone and Telegraph Company, Telephone House, 79 Brickdam, Georgetown, Guyana.

*E-Mail:* <jsingh@gtt.co.gy>. Website : <www.gtt.co.gy>.

Mary Soledad L. Perpiñan (Philippines), founding chair and chief executive officer of the Third World Movement Against the Exploitation of Women (TW-MAE-W), honorary chair and foundress of the IBON Foundation, Inc., a socio-economic databank and research centre, member of the International Advisory Board of the Global Health Council, Washington, D.C., has been Secretary General of the Asia-Pacific Peace Research Association (APPRA), council member of the International Peace Research Association (IPRA), and convenor of the Women and Peace Commission. She obtained an A.B. Humanities and B.S.E. summa cum laude; was a Fulbright scholar at Fordham University, New York, where she finished a master's degree in education; studied spirituality at the Gregorian University, Rome, and social analysis at INODEP under Sorbonne University, Paris. Among her publications are: From Darkness to Light, Flint and Fire (2008); has had many papers and articles published in books, journals and periodicals. She worked on commissioned research projects for the United Nations; among them: "Inroads of NGOs in the UN". She presented papers at international conferences on peace, women and religious studies, served as an UN expert on women issues and human rights, and participated in almost all major UN world conferences during the past 22 years. Popularly known as Sister Sol, she is a Good Shepherd Sister by vocation; an educator and writer by profession; an ecofeminist, peace practitioner and social activist by conviction. She was cited among the women activists worldwide of the 20th century in the "Roll of Honour" of the UN General Assembly Special Session five years after Beijing to be remembered and honoured, both in their lifetime, and beyond. She was among the '1000 Women for the Nobel Peace Prize 2005' nominees.

Address: Mary Soledad L. Perpiñan, 1043 Aurora Boulevard, Ouezon City. Philippines 1108.

*E-mail*: <soledadperpinan@yahoo.com>. *Website*: <http://www.tw-mae-w.org>.

Achim Steiner (Germany), Executive Director of the United Nations Environment Programme (UNEP) and Under-Secretary General of the United Nations. See: *Biographies of authors of forewords and preface essays*.

Larry A. Swatuk (Canada) PhD (Dalhousie University, Halifax, Nova Scotia); adjunct professor of international development studies, Dalhousie University, and lecturer in the Departments of International Development Studies and Political Science, St. Mary's University, Halifax, Nova Scotia. His research work focuses on the political economy of the environment and natural resources management with a particular regional focus on Southern Africa. From 1996 to 2007, he worked at the University of Botswana where he was research professor of natural resource governance at the Harry Oppenheimer Okavango Research Centre. Among his numerous publications are three guest co-edited issues of the journal: Physics and Chemistry of the Earth (2004, 2005, 2007) devoted to water resources management; (co-ed. with Lars Wirkus): Transboundary Water Resource Governance in Southern Africa (Baden-Baden: Nomos, 2008).

Address: Prof. Dr. Larry A. Swatuk, Department of International Development Studies, Dalhousie University, Halifax, Nova Scotia, Canada, B3H 4H6.

Email: <arry.swatuk@smu.ca>.

Shahrbanou Tadjbakhsh (USA/France/Iran), PhD from Columbia University (1994), is director of the Programme for Peace and Human Security at the CERI (Centre d'Etudes et de Recherches Internationales), Sciences Po, Paris, where she has been teaching courses on human security and on international organizations since 2004. She also serves as the director of the Concentration on Human Security at the Master's of Public Affairs at Sciences Po, and as the editor in chief of the Journal of Human Security. Prior to coming to France she was an adjunct professor at the School of International and Public Affairs at Columbia University (2002-2004), and a staff member of UNDP (1995-2002), with postings in New York, Central Asia, and Eastern Europe. Besides teaching and researching, she works as a consultant on the National Human Development Reports of UNDP. She was the editor in chief of the Afghanistan Report, Security with a Human Face in 2004, and has worked with teams in Iran, Iraq, Nepal, China, Central Asia and Mongolia among others. She is the co-author (with Anuradha Chenoy) of: Human Security: Concepts and Implications (London: Routledge 2006); The Bloody Path of Change: The Case of Post-Soviet Tajikistan, (New York: Columbia University, Harriman Institute Forum, 1993); (co-author with Nassim Jawad): Tajikistan: A Forgotten Civil War (London: Minority Rights Group, 1995). She has written extensively on Afghanistan, Central Asia, human development and human security.

Address: Dr. Shahrbanou Tadjbakhsh, CERI Programme for Peace and Human Security, 74 Rue des Saints Pères, Paris 75007, France.

Email: <shahrbanou.tadjbakhsh@sciences-po.org>.

Website: <www.peacecenter.sciences-po.fr>.

Nogoye Thiam (Senegal), Ph.D., has been a research and implementation coordinator at the international NGO Enda-TM for the 'Energy, Environment, Development' programme since 2004. Her duties include management of projects on energy, climate change, the Clean Development Mechanism (CDM), and access to essential energy services in rural zones. In 2003 she obtained her PhD with honours in energy economics at the Geopolitics Centre of Energy and Raw Materials (CGEMP) of the University Paris Dauphine, France. Before she worked in the Energy, Mining and Telecommunication Sector of the World Bank where she researched reform methods for the electricity sector in West African countries. She organized international and regional workshops on energy, environment, development, and climate change. Among her major publications are: The impacts of electricity sector reform policies on development in West Africa: the case of Senegal (Dakar: Enda Energie, June 2006); Preserving forestry resources in order to advance rural development: the case of Senegal (Dakar: Enda Energie, April 2006); Developmental impacts of electricity sector reform in Senegal (Roskilde, Denmark: UNEP Risø Centre on Energy, Climate and Sustainable Development, November 2006).

Address: Dr. Nogoye Thiam, ENDA TM, Programme 'Energie, Environnement, Développement', 54, rue Carnot, BP 3370 - DAKAR, Sénégal.

Email: <nogoyet@yahoo.com>.

Website: <a href="http://energie.enda.sn/page29.html">http://energie.enda.sn/page29.html</a>>.

Mara Tignino (Italy) holds a PhD in international relations with a specialization in international law from the Graduate Institute of International Studies and Development in Geneva. She is currently working as a researcher at the Faculty of Law of the University of Geneva, Department of Public International Law and International Organization, Previously, she has served as a consultant for the Basel Convention Secretariat. Her main areas of interest are: environmental law, international humanitarian law and human rights law. Her publications include: "Water in Times of Armed Conflict", in: PCA/Peace Palace Papers (Ed.): Resolution of International Water Disputes (The Hague: Kluwer Law International, 2003); (co-author with Makane Moïse Mbengue): "Public Participation, Transparency and /Amicus curiae/ in Water Disputes", in: Brown Weiss, Edith; Boisson de Chazournes, Laurence; Bernasconi-Osterwalder, Nathalie (Eds.): Freshwater and International Economic Law (Oxford: Oxford University Press, 2005); (co-author with Dima Yared): "La commercialisation et la privatisation de l'eau dans le cadre l'Organisation Mondiale du Commerce", in: Revue Québécoise de Droit International, 19,2 (2006): 159-

Address: Ms. Mara Tignino, University of Geneva, Faculty of Law, Department of Public International Law and International Organization, Room 4087, Geneva, Switzerland.

E-mail: <mara.tignino@droit.unige.ch>.

Website: <a href="http://www.afes-press.de/html/download\_tignino.html">http://www.afes-press.de/html/download\_tignino.html</a>.

Franz Trieb (Germany) is project manager at the German Aerospace Centre (DLR), he has a diploma in mechanical engineering from University of Clausthal and doctorate in physics from the University of Oldenburg. He has worked in the field of renewable energies since 1983. After the implementation of hydrogen storage for an autonomous renewable energy system at the University of Oldenburg, Germany, he conducted a two-year postgraduate course 'Renewable Energy' at the National University of Tacna, Peru. Since 1994, he is project manager at the Institute of Technical Thermodynamics of the German Aerospace Centre (DLR) in Stuttgart, Germany, working on solar energy resource assessment by satellite remote sensing, market strategies for concentrating solar power and renewable energy scenarios. Two recent studies look at the future demand and the sustainable supply of electricity using the potential of renewable energy sources in the countries of the Mediterranean Region and Europe. Among his major publications and project reports are: "Assessment of the Potential for Diversification of Energy Sources in the Countries of the GCC", invited paper, 13th Annual Energy Conference Proceedings (Abu Dhabi: Emirates Center for Strategic Studies and Research (ECSSR), 2008), i.p.; (co-author with: Müller-Steinhagen, Hans): "Concentrating Solar Power for Seawater Desalination in the Middle East and North Africa", in: Desalination, 220 (2008): 165-183; (co-author with: Müller-Steinhagen, Hans): "Europe-Middle East-North Africa Cooperation for Sustainable Electricity and Water", in: Sustainability Science, 2,2 (2007): 205-219; (co-author with: Müller-Steinhagen, Hans): "The DESERTEC Concept -Sustainable Electricity and Water for Europe, Middle East and North Africa", in: Knies, Gerhard; Möller, Uwe; Straub, Michael (Eds.): Clean Power from Deserts - White Book, Club of Rome, Trans-Mediterranean Renewable Energy Cooperation, (Hamburg: club of Rome, 2007): 23-44; "Concentrating Solar Power for Sea Water Desalination -AQUA-CSP", in: Symposium Proceedings, Towards Innovative Desalination and Power Generation in Kuwait, Kuwait Foundation for the Advancement of Sciences (KFAS), 9-11 December 2007: 242-256; "Sustainable Electricity and Water for Europe, Middle East and North Africa", invited keynote, European Parliament, Brussels, Belgium, 28 November 2007: (co-author Müller-Steinhagen, Hans): Concentrating Solar Power for Seawater Desalination (AQUA-CSP), Internet Publication of Final Report of the AQUA-CSP Study, 12 November 2007, at: <a href="https://www.dlr.de/tt/aqua-1007">www.dlr.de/tt/aqua-1007</a>, at: <a href="https://www.dlr.de/tt/aqua-1007">www.dlr.de/tt/aqua-10 csp>; (co-authors Schillings, Christoph; Kronshage, Stefan; Viebahn, Peter; May, Nadine; Paul, Christian; Klann, Uwe; Kabariti, Malek; Bennouna, Abdelaziz; Nokraschy, Hani; Hassan, Samir; Yussef, Laila; Hasni, Tewfik; Bassam, Nasir; Satoguina, Honorat): Trans-Mediterranean Interconnection for Concentrating Solar Power (TRANS-CSP), Internet Publication of Final Report of the TRANS-CSP Study, 23 June 2006, at: <a href="www.dlr.de/tt/trans-csp">www.dlr.de/tt/trans-csp</a>; (co-author Schillings, Christoph; Kronshage, Stefan; Viebahn, Peter; May, Nadine; Paul, Christian; Klann, Uwe; Kabariti, Malek; Bennouna, Abdelaziz; Nokraschy, Hani; Hassan, Samir; Yussef, Laila; Hasni, Tewfik; Bassam, Nasir; Satoguina, Honorat): Concentrating Solar Power for the Mediterranean Region (MED-CSP), Internet Publication of the MED-CSP Study Report, April 2005, at: <a href="https://www.dlr.de/tt/med-csp">www.dlr.de/tt/med-csp</a>.

Address: Dr. Franz Trieb, Deutsches Zentrum für Luft- und Raumfahrt, Institute of Technical Thermodynamics, Pfaffenwaldring 38-40, D-70569 Stuttgart, Germany.

Email: <franz.trieb@dlr.de>.
Website: <www.dlr.de/tt/system>.

Thanh-Dam Truong (Netherlands/Vietnam), associate professor in women, gender and development studies at the Institute of Social Studies (ISS) where she has been on the staff since 1982. She received a Ph.D. in political and cultural studies from The University of Amsterdam in 1988. Prior to her present appointment she worked from 1973-1976 with the United Nations Development Programme in New York and in West Africa - on women in the informal sector; on desertification and changing livelihoods. In 1971 and 1972 she was a free lance journalist. She is one of the first scholars who wrote an academic analysis on sex tourism: Sex, money and morality: Prostitution and Tourism in Southeast Asia (London: Zed - New York: St. Martin Press, 1990). Her work has been translated into several languages (Dutch, Japanese, Indonesian, Thai and Spanish). Her continued interests in gender, culture and social justice have brought her to new areas of research on the gendered dimensions of global/local interactions and the challenges these pose to the field of human development and human security. Currently she coordinates the European Focal Point of the Open Research Centre on "Human Security in Global Cities Networks" funded by Chubu University (Nagoya, Japan) and the Japanese Government. She co-edited the volume: Engendering Human Security: Feminist Perspectives (London: Zed - New York: Palgrave Macmillan, 2006). She is also chief co-editor of the journal: Gender, Technology and Development.

Address: Prof. Dr. Thanh-Dam Truong, Institute of Social Studies, Kortenaerkade 12, 2518 AX The Hague, The Netherlands.

Email: <Truong@iss.nl>.
Website: <http://www.iss.nl>.

Anthony Turton (South Africa): is a unit fellow at the Council for Scientific and Industrial Research (CSIR) and extraordinary professor in the Water Institute at University of Pretoria. He is a product of the Water Issues Research Group at SOAS and has a D.Phil. degree in international relations from the University of Pretoria. He is a founding member and past president of the Universities Partnership for Transboundary Waters, a consortium of ten universities on five continents with a special interest in transboundary river basin management. His professional background is strategic planning and political risk assessment. His current research interests revolve around the management of rivers that cross international borders. An active writer, he has edited a number of books including: Water Wars: An Enduring Myth or Impending Reality? African Dialogue Monograph Series No. 2. (Durban: Accord

Publishers, 2000); (co-ed. with Hussein Solomon): Hydropolitics in the Developing World: A Southern African Perspective (Pretoria: African Water Issues Research Unit, 2002); (co-ed. with Roland Henwood); (co-ed. with Peter Ashton and Eugene Cloete): Transboundary Rivers, Sovereignty and Development: Hydropolitical Drivers in the Okavango River Basin (Pretoria - Geneva: AWIRU & Green Cross International, 2003); (co-ed. with Hanlie Hattingh, Gillian Maree, Dirk Roux, Marius Claassen and Wilma Strydom): Governance as a Trialogue: Government-Society-Science in Transition (Berlin: Springer Verlag, 2007). He has also contributed a number of chapters to various books.

Address: Dr. Anthony Turton, Room AB18, Building 21, Natural Resources and Environment (NRE), Council for Scientific and Industrial Research (CSIR), P.O. Box 395, Pretoria, 0001, Republic of South Africa.

Email: <aturton@csir.co.za>. Website: <aturton@csir.co.za>.

Robin Twite (Israel) has been the director of the Water and Environment Programme at the *Israel Palestine Center for Research and Information* (IPCRI) since 1993. This non-governmental organization is based in Jerusalem and is managed jointly by Israelis and Palestinians. The Water and Environment Programme (funded by international donors) is designed to create closer relationships between Israelis and Palestinians by giving them opportunities to work together on environmental issues. Previously he was for thirty years a career officer in the British Council during which time he served in the Middle East for a decade and as director of the Council's worldwide network of libraries and information services.

Address: Robin Twite, 10 Noah Emmanuel St, Jerusalem 95103, Israel and: PO Box 9321, Jerusalem 91092, Israel. Email: Robin@ipcri.org.

Website: <www.ipcri.org>.

Juha I. Uitto (Finland): Ph.D. (Lund University), M.Sc. (University of Helsinki), senior evaluation adviser, United Nations Development Programme (UNDP). He is a geographer with expertise in environmental policy and governance, natural resources management, and environmental hazards and vulnerability. An international development professional with more than twenty years of experience, he is an expert in programme and project management, monitoring and evaluation. He currently leads the UNDP Evaluation Office work on country and regional programme evaluations in Asia and Pacific, Europe and CIS, and Arab States. During his tenure with the United Nations University in Tokyo, Japan (1990-99), he was senior academic programme officer on environment and sustainable development. In this capacity, he initiated the project on urban social vulnerability with Ben Wisner. He has published peer reviewed articles in journals such as: Applied Geography, Asia Pacific Viewpoint, The Geographical Journal, Geographical Review of Japan, Energy Policy, Environmental Hazards and Global Environmental Change. His edited books include: (with A.K. Biswas): Water for Urban Areas: Challenges and Perspectives (UNU Press 2000); (with Libor

Janský): Enhancing Participation and Governance in Water Resources Management: Conventional Approaches and Information Technology (UNU Press 2006). He serves as council member of the American Geographical Society and is past board director of the World Seismic Safety Initiative.

Address: Dr. Juha I. Uitto. UNDP Evaluation Office, One UN Plaza, New York, NY 10017, USA.

*E-mail:* <juha.uitto@undp.org>.

*Website*: <a href="http://www.undp.org/eo">http://www.undp.org/eo</a> and <a href="http://www.amergeog.org/council.htm">http://www.amergeog.org/council.htm</a>>.

Maria Eugenia Villarreal (Guatemala), executive director of End Child Prostitution, Chile Pornography and Trafficking of Children for Sexual Purposes (ECPAT) in Guatemala; Latin America Regional Representative of ECPAT International Board; council member, International Peace Research Association (IPRA); co-convener of the Human Rights Commission of IPRA; council member of the Global Alliance Against Traffic in Women; Landmine monitor of the International Campaign to Ban Landmines. She obtained a PhD in sociology from Science Politique, Sorbonne University, Paris. Among her publications are: (co-author with Rachel Brett et al): "Children: The Invisible Soldiers", in: Save the Children Sweden (Ed.): Participatory Study (Rädda Barnen: Grafiska Punkten, 1996); "Children's Perspectives on Their Working Lives", in: Save the Children Sweden (Ed.): Participatory Study in Bangladesh, Ethiopia, The Phillippines, Guatemala, El Salvador and Nicaragua (Rädda Barnen, Save the Children-Sweden, Stockholm, Sweden, 1998); "Working Children: Reconsidering the Debates", in: McKewchnie, Jim; Hobbs (Eds.): Participatory Study, Defence for Children, International Society for the Prevention of Child Abuse and Neglect (Amsterdam 1998); "¿Obietos Sexuales o Sujetos Sociales? Un Acercamiento a la Prostitución Infanto-Juvenil en Guatemala", in: Procuraduría de Derechos Humanos (Ed.): Rompamos la Cultura del Silcencio, El Maltrato y Abuso Sexual de Niños, Niñas y Adolescentes en Guatemala (Guatemala: Plan International, January 2004). She has many papers and articles published in books, journals and periodicals. She presented papers at international conferences on trafficking, sexual exploitation, child soldiers and human rights. She is an activist on human rights issues.

Address: Dr. Maria Eugenia Villarreal, 11 Avenida 10-67 zona 2, Guatemala City, Guatemala.

E-mail: <vilareal@c.net.gt>.

Website: <a href="http://www.ecpatguatemala.org">www.ecpatguatemala.org</a> and <a href="http://www.ecpatguatemala.org/">http://www.ecpatguatemala.org/</a>.

Sascha Werthes (Germany): is a research fellow at the Institute of Political Science at the University of Duisburg-Essen; associate fellow at the *Institute for Development and Peace* (INEF), University Duisburg-Essen and the Centre for Conflict Studies, Philipps-University Marburg; coordinator of the Standing Working Group on Human Security at Philipps-University Marburg; from 2003 to 2005 he was a lecturer at the University Marburg and at the Brethren Colleges Abroad in Marburg; recipient of a PhD scholarship of the German Peace Research Foundation (DSF); MA equivalent in political science. His research areas include: human

security; UN sanctions and crisis prevention; global governance and world peace. Publications: Probleme und Perspektiven von Sanktionen als politisches Instrument der Vereinten Nationen (Münster: Lit-Verlag, 2003); (co-author with David Bosold): "Human Security in Practice: Japanese and Canadian Experiences", in: Internationale Politik und Gesellschaft – International Politics and Society, 1/2005: 84-101; (co-author with David Bosold): "Human Security and Smart Sanctions – Two Means To a Common End?", in: International Affairs Review, 9,2 (2006): III-136; (co-ed. with Tobias Debiel): Human Security on Foreign Policy Agendas. Changes, Concepts and Cases. INEF Report 80/2006; (co-ed. with Cornelia Ulbert): Menschliche Sicherheit. Globale Herausforderungen und regionale Perspektiven (Baden-Baden: Nomos, 2008).

Address: Sascha Werthes, Institute of Political Science - University Duisburg-Essen, Lotharstr. 65, D-47057 Duisburg, Germany.

E-Mail: <swerthes@inef.uni-due.de>.

Website: <a href="http://www.uni-due.de/politik/werthes.php">http://www.uni-due.de/politik/werthes.php</a>>.

Gareth M. Winrow (United Kingdom): formerly professor in the Department of International Relations at Istanbul Bilgi University. He lived and worked in Turkey for 20 vears having studied at the universities of Oxford (BA Hons. in modern history), Lancaster (MA in international relations and strategic studies) and Manchester (Ph.D. in the Department of Government). A recipient of two NATO Research Fellowships and of a US Institute of Peace Fellowship, he is on the editorial board of the journal, Turkish Studies, and is a member of Chatham House (London). He has worked as a consultant on Turkish politics and energy and security issues. His publications include articles in journals such as: Middle East Journal, Journal of Southeast European and Black Sea Studies, Central Asian Survey, European Security, Il Politico, Jane's Intelligence Review, and Mediterranean Security. His books and monographs include: Turkey in Post-Soviet Central Asia (1995); (co-author with Kemal Kirisci): The Kurdish Question and Turkey: An Example of a Trans-State Ethnic Conflict (1997); Turkey and Caspian Energy (1999); Dialogue with the Mediterranean: The Role of NATO's Mediterranean Initiative (2000); Turkey and the Caucasus: Domestic Interests and Security Concerns (2000).

Email: <garethwinrow@yahoo.com>.

Ben Wisner (USA) began work in Tanzania in 1966 (living for 2 years in a Tanzanian *ujamaa* village). During 1966-1995 he worked mostly in Africa on questions concerning wood fuel and rural energy, water and sanitation, drought, flood, community health and food security, summarizing much of this work in: *Power and Need in Africa* (London: Earthscan, 1988). He has taught in the medical school of Dar es Salaam University; in geography at Eduardo Mondlane University, Maputo, Mozambique; at the Swiss Technical Institute in Zürich; New School for Social Research; Rutgers University; Hampshire College; California State University at Long Beach. His work took an additional urban turn in the mid 1990's, and he lead a 4 year program on "The Geography of Urban Social Vulnerabilty" for the

United Nations University, was on the board of the Earthquakes and Megacities Initiative (1997-2002), and worked with ISDR on school safety. He was lead author of: At Risk (London: Routledge, <sup>2</sup>2004); lead editor of: Towards a New Map of Africa (London: Earthscan, 2006). He is research fellow at DESTIN, London School of Economics and Benfield Hazard Research Centre, University College London, and visiting professor of environmental studies, Oberlin College. He advises the Asian Disaster Prevention Center, Bangkok, Reuters AlertNet in London, and the UN University, Institute for Environment and Human Security (UNU-EHS), among other advisory roles.

Address: Dr. Ben Wisner, 373 Edgemeer Place, Oberlin, OH 44074, USA.

*E-mail*: <a href="mailto:swww.radixonline.org">bwisner@igc.org</a>>. Website: <a href="www.radixonline.org">www.radixonline.org</a>>.

Julia Wunderer (Germany), received a diploma in political science from the Free University of Berlin in 2005 with a diploma thesis on "Conflicts on Water Resources in Central Asia" on which the chapter in this volume is based. She worked as trainee from 2005 to 2006 in the Hertie Foundation in Frankfurt/Main and since then at the Faculty of Law and the International Office of Humboldt-University of Berlin. Her research interest focuses on conflict analysis, environmental conflicts, and on East European countries in transitions.

Address: Ms. Julia Wunderer, Warschauer Straße 45, 10243 Berlin, Germany.

Email: <julia.wunderer@web.de>.

Surichai Wun'Gaeo teaches sociology at Chulalongkorn University. He has formerly served as deputy director of research at the University's Institute of Asian Studies. He has been a visiting professor at several universities including Hitotsubashi and Ritsumeikan Universities in Japan and University of Illinois at Urbana-Champaign. His main research interests are in sociology especially public participation in research and policy-making process. He has written and published extensively on topics including rural society, culture, alternative development paradigms, globalization and cultural identity. He received his B.A. (Hons.) in sociology from Chulalongkorn University and had his post-graduate studies in sociology from the University of Tokyo. He currently serves as the president of the Asian Rural Sociological Association (ARSA) and is also a director of Chulalongkorn University Social Research Institute (CUSRI). In addition, he is also a member of the M-Power Mekong Program on Water, Environment and Resilience. His publications include: Human Security in a Borderless World and Rural Livelihoods and Human Insecurities in Globalizing Asian Economies.

Address: Prof. Dr. Surichai Wun-Gaeo, Department of Political Science, Chulalongkorn University, Phayathai Rd, Bangkok 10330, Thailand.

Email: <surichai1984@yahoo.com >.

Website: <a href="http://www.ids.polsci.chula.ac.th/Documents/CV%2oSurichai.pdf">http://www.ids.polsci.chula.ac.th/Documents/CV%2oSurichai.pdf</a> >.

Michael Zammit Cutajar (Malta) was executive secretary of the UN Framework Convention on Climate Change (1996-2002). See: *Biographies of authors of forewords and preface essays*.

Werner Zittel (Germany), Dr. rer. nat., has been working with Ludwig-Bölkow-Systemtechnik (LBST) GmbH, Ottobrunn since 1989. He obtained a PhD in physics while working at the Max-Planck-Institute for Quantum Optics in Garching, and at the Technical University of Darmstadt (1982-1987). Then he worked at the Institute for Technical Physics, of the DFVLR (now DLR) in Stuttgart (1987) and from 1987-1989 he was a scientific researcher at the Fraunhofer Institute for Solid State Technology in Munich. His research projects have focused on: climate change effects of the trace gas methane (especially in Russia); external and social costs of energy use in the public transport sector; studies on the energetic amortization of renewable energy generation technologies; use of hydrogen in existing natural gas grids; hydrogen production from biomass; analysis of the existing hydrogen markets; introduction scenarios for hydrogen into the energy and transport economy; fundamental questions of the power industry; analysis of fossil resource availability and advanced hydrogen storage systems for automotive use: He is a member of the Association for the Study of Peak Oil; Germanwatch e.V.; Global Challenges Network e.V.; and Vice-President of ASPO [The Association for The Study of Peak Oil and Gas] Germany e.V. Among his major publications are: Campbell, Colin J.; Liesenborghs, Frauke; Schindler, Jörg; Zittel, Werner: Ölwechsel (München: Deutscher Taschenbuch Verlag, 2002, <sup>2</sup>2007); Strobl, Wolfgang; Zittel, Werner: "Effiziente Energieanwendung - Energie und Verkehr", in: Rebhan, E. (Ed.): Energiehandbuch - Gewinnung, Wandlung und Nutzung von Energie (Berlin - Heidelberg: Springer Verlag): 713-783.

Address: Dr Werner Zittel, Ludwig-Bölkow-Systemtechnik GmbH, Daimlerstrasse 15, 85521 München-Ottobrunn, Germany.

Email: <zittel@lbst.de>.

Mattanyah Zohar (Israel), Ph.D, was born in Germany in 1938. As his family perished or scattered during the Nazi persecutions, he was saved when he was sent to his family in Turkey. In Turkey and India he had his basic education. During the 1950's and 1960's he worked as a sailor and technician in several European countries. In 1970 he immigrated with his wife to Israel. After completing his military service, he began studying archaeology and assyriology at The Hebrew University in Jerusalem. He worked with the Mission archeologique Tell Yarmouth sponsored by the French C.N.R.S. Paris and with the Israel Department of Antiquities on various excavations which were published in: Israel Exploration Journal and Atiqot, The New Encyclopedia of Archaeological Excavations in the Holy Land, The Oxford Companion to Archaeology and in several monographs on the burial customs of semi-nomadic populations of the Near East, linguistics, etc. His Ph.D. dissertation: Early Transition Periods in the Archaeology of Syria-Palestine at the Institute of Archaeology of the Hebrew University (1993) attributed the rise and decline of ancient Near Eastern cultures to factors beyond the scope of human capability, in particular to climate change what was then flatly rejected by academic circles. He continued working for the Department of Antiquities and as lecturer for prehistory on specialized study tours in the Balkan countries, Anatolia, and Caucasia. By 2000 he joined Prof. Arie Issar, hydrogeologist at Ben Gurion University, Beer Sheva, with whom he co-authored: Climate Change – Environment and Civilization in the Middle East (Berlin – Heidelberg – New York: Springer 2004, 2007).

Address: Dr. Mattanyah Zohar, Rehov Mishlat 12 b, Po.B. 82548, 90805 Mevasseret Zion, Israel. Email: <megalith@zahav.net.il>.