

**Members of the International Scientific Planning Committee
(in alphabetical order)
1st International Conference on Urbanization and Global Environmental Change**

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Bio

Harriet Bulkeley is a Reader at the Department of Geography, Durham University. Her research interests are in the nature and politics of environmental governance, and focuses on: policy processes; climate change; and urban sustainability. She is co-author (with Michele Betsill) of *Cities and Climate Change* (Routledge 2003), and has published widely including articles in *Political Geography*, *Environment and Planning A*, *International Studies Quarterly*, *Global Environmental Politics* and *Environmental Politics*. She is an editor of *Environment and Planning C* and editor of 'Policy and Governance' for WIREs Climate Change. She currently holds a Climate Change Leadership Fellowship, *Urban Transitions: climate change, global cities and the transformation of socio-technical systems*, from the UK's Economic and Social Research Council and co-ordinates the Leverhulme International Network *Transnational Climate Change Governance*. In 2007 Harriet was awarded a Philip Leverhulme Prize in recognition of her research in this field, under which she is examining the governing of climate change beyond the state.

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Bio

Urbano Fra Paleo, Ph.D. Geography (1996), University of Santiago de Compostela, Spain is certified as Geomatics Specialist (GIS/LIS). He is Professor in Geographic Information Systems at the University of Extremadura, currently on leave at the University of Santiago de Compostela and Manager of the regional research network on Geographic Information Systems REDIX. He has been Research Associate at the University of Denver. His research interests lie in the application of Geographic Information Systems to spatial analysis, risk perception and governance of risk from natural hazards. He is the editor of the book *Building safer communities. Governance, spatial planning, and responses to natural hazards*, published by IOS Press, and is editing a book on natural hazards in Spain. He currently is President of the Iberian Chapter of Sigma Xi, The Scientific Research Society.

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Bio

Dr. Nancy B. Grimm is a Professor of Ecology in the School of Life Sciences at Arizona State University, USA. She studies how human-environment interactions and climate variability influence biogeochemical processes in both riverine and urban ecosystems, collaborating with hydrologists, engineers, geologists, chemists, sociologists, geographers, and anthropologists. She is Lead Principal Investigator and Co-Director of the Central Arizona-Phoenix Long-Term Ecological Research (LTER) project, a study of the Phoenix metropolis and surroundings that is one of the first comprehensive investigations of an urban ecosystem. Grimm earned her BA (1978) from Hampshire College in Massachusetts and M.S. (1980) and Ph.D. (1985) from Arizona State University, and has held research scientist and faculty positions at the latter institution since 1990. She has been president of the Ecological Society of America and the North American Benthological Society and is a Fellow of the American Association for the Advancement of Science. Grimm chaired or served on several national and international advisory and editorial boards, and currently is assigning editor for Ecological Applications and an editor for Ecohydrology. She is author or co-author of over 120 scientific publications, and was a contributing author of the recently released synthesis report, Global Climate Change Impacts in the United States.

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Bio

Shu-Li Huang is a native of Taipei City. Upon receiving a Ph.D from the University of Pennsylvania in 1983, he accepted a teaching position with the Graduate Institute of Urban Planning, National Taipei University (Formerly College of Business and Laws of National Chung-Hsing University), Taiwan and is still currently with the Institute. His teaching and research focus includes ecological land use planning, ecological energetic analysis of urbanization, urban simulation, and urban sustainability assessment. Shu-Li Huang was the Chair of the Graduate Institute of Urban Planning, National Taipei University during 1990-1994. He also served as the Vice-President of National Taipei University during 2005~2007. In addition to his affiliation with National Taipei University, Shu-Li Huang also serves as the Program Coordinator for the Human Dimension of Sustainable Development Research Commission, National Science Council, Executive Yuan. Currently, he is also the committee member of Taiwan's National Committee on IHDP (International Human Dimension Program on Global Change Research). Shu-Li Huang has published papers and books on ecological land use planning and ecological energetic study of urban ecosystems. He has received numerous academic research honors and awards.

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Bio

Dr. Jordán studied Geography with a minor in Urban Geography at the Catholic University of Chile. He graduated in 1977 with a thesis about regional economic development and policy implications in Chile. Dr. Jordán received his Masters degree from the Institute of Urban Studies at the Catholic University in 1979 with specialization in urban local development, strategies and instruments. In 1980 he took a Diploma course at UN-ECLAC-ILPES on Regional Economic Development and in 1982 received a Masters degree in Regional Economics and Urban Planning at The Institute of Social Studies in Holland. His professional experience includes: full time professor and researcher in the masters programs in Urban Development and Human Settlements and Environment at the Institute of Urban Studies, Catholic University of Chile; professional assistance at the Division of Interministry Coordination, Ministry General Secretary of the Presidency, Government of Chile; Director of the Institute of Urban Studies, Catholic University of Chile; and from 1995, Economic Affairs Officer – Coordinator Urban Management Program at the Division of Sustainable Development and Human Settlements in UN-ECLAC. Here he has coordinated a wide array of projects on urban local management and assistance to municipalities in cities in Latin America and the Caribbean. Most recently, between 2006-2007, Dr. Jordán was Coordinator of a German Helmholtz consortium -ECLAC project on Habitat, Risk and Megacities in Latin America; Coordinator of a GTZ- ECLAC project on urban externalities; and Coordinator of Italian Scientific Association-ECLAC project on energy savings and emissions reduction in the building industry. These projects have a regional perspective and are based in countries all over Latin America and the Caribbean.

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Bio

Dr. Shuaib Lwasa is a Geographer with over 12 years experience of University teaching and research at the Makerere University, Uganda. His work has focused on *property rights, environmental management, livelihood systems, and vulnerability assessment in both rural and urban areas*. He has led multi-disciplinary and inter-disciplinary research teams on applied geospatial technologies on coupled social and environmental systems. Lwasa has completed his tenure as a Regional Research Scientist with Urban Harvest of CGIAR and project leader working on the linkages between poverty and environment in urban systems with a focus on innovative strategies to mediate the intertwined conditions. His recent publications have concentrated on adaptation of cities to climate change, land and property rights, vulnerability assessment and the urbanization of poverty. He is currently relates with the UN-Habitat project on Cities in Climate Change Initiative focusing on Kampala. He is the convener and scientific chair of AfricaGIS 2009 in Kampala, Uganda.

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Bio

Peter Marcotullio is Distinguished Lecturer at Hunter College (2007 – present), City University of New York (CUNY), where he teaches in the Department of Urban Affairs and Planning, the Department of Geography and in the CUNY Macaulay Honors College. He is also Senior Fellow at the CUNY Institute for Sustainable Cities and Adjunct Associate Professor at Columbia University Department of Urban Planning. Prior to returning to New York City, Dr. Marcotullio was Professor of Urban Planning, Urban Engineering Department, University of Tokyo (1998-2006), and held several positions at the UNU-IAS (1997- present). His research interests include urban sustainable development, urbanization and the environment, urban and regional environmental planning and global cities. He has over 50 publications including peer-reviewed journals articles, book chapters and research reports. His edited volumes include, (2009) *Connected Cities: Hinterlands, Hierarchies, Networks and Beyond*, Sage publications, with Michael Douglass, *Scaling Urban Environmental Challenges: From Local to Global and Back*, (2007), Earthscan, James & James, Pub, with Gordon McGranahan, *Towards Sustainable Cities: East Asian, North American, and European Perspectives on Managing Urban Regions* (2004), Ashgate Publishing Limited, with Andre Sorenson and Jill Grant, and *Globalization and the Sustainability of Cities in the Asia Pacific Region* (2001) UNU Press, with Fu-chen Lo.

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Bio

Charles Redman has been committed to interdisciplinary research; since he was an archaeology graduate student working closely in the field with botanists, zoologists, geologists, art historians, and ethnographers. Dr. Redman received his BA from Harvard University, and his MA and PhD in Anthropology from the University of Chicago. He taught at New York University and at SUNY-Binghamton before coming to Arizona State University in 1983. Since then, he served nine years as Chair of the Department of Anthropology, seven years as Director of the Center for Environmental Studies and, in 2004, was chosen to be the Julie Ann Wrigley Director of the newly formed Global Institute of Sustainability. In July 2007, Redman became the inaugural director of ASU's School of Sustainability. Redman's interests include human impacts on the environment, sustainable landscapes, rapidly urbanizing regions, urban ecology, environmental education, and public outreach. He is the author or co-author of 14 books including *Explanation in Archaeology*, *The Rise of Civilization*, *People of the Tonto Rim*, *Human Impact on Ancient Environments* and, most recently, co-edited *The Archaeology of Global Change* and *Applied Remote Sensing for Urban Planning, Governance and Sustainability*. Redman is currently working on building upon the extensive research portfolio of the Global Institute of Sustainability to develop the new School of Sustainability which is educating a new generation of leaders through collaborative learning, transdisciplinary approaches, and problem-oriented training to address the environmental, economic, and social challenges of the 21st Century.

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Bio

Dr. Debra Roberts heads the Environmental Management Department of eThekweni Municipality (Durban, South Africa). Her key responsibilities in this post include overseeing the planning and protection of the city's natural resource base; ensuring that environmental considerations influence all aspects of planning and development in the city; and directing and developing the Municipality's Climate Protection Programme. Prior to joining the Municipality in January 1994, Dr. Roberts lectured at the (then) University of Natal for a period of ten years in the departments of Biology and Geographical and Environmental Sciences. Dr. Roberts has written widely in the fields of open space planning and environmental management and has received numerous awards for her work.

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Patricia Romero Lankao is scientist II and Deputy Director at the Institute for the Study of Society and Environment in NCAR. She was Tenure Professor at the Autonomous Metropolitan University, Xochimilco in Mexico-City, Mexico, where she taught graduate and postgraduate students during 14 years. In addition, she has led a range of outreach activities on environmental issues (e.g. inter-faculty and inter-university short courses on environment and development for medium- and senior-level public servants and managers in private enterprises). Alongside her work in academic institutions in Mexico, Germany and US, she has contributed to a number of international networks of interdisciplinary research projects. She is member of the scientific committee of the Global Carbon Project; she was convening author of Ch. 7 Industry, Settlement and Society, as well as lead author of the Summary for Policy Makers and Technical Summary of the Fourth Assessment Report; she is Fellow of the 8th Cohort of the International Program Leadership for Environment and Development (LEAD International); she has served on several committees of the National Academies that functions as the independent science advisor to US. Dr. Romero-Lankao has published 10 books, 25 book chapters and almost 20 peer-reviewed articles on the interface of the human dimensions of global environmental change (e.g. urban development pathways and public policies as drivers of and responses to climate change). She is sociologist by training and holds two Ph.D. degrees, one in Regional Development, from the Autonomous Metropolitan University, Mexico, the other in Agricultural Sciences and Environmental Policy from the University of Bonn, in Germany.

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Bio

Dr. Sánchez-Rodríguez is Professor in the Department of Environmental Sciences at the University of California, Riverside, and co-chair of the UGEC Scientific Steering Committee. He completed his Ph.D. in Regional and Urban Planning from the University of Dortmund, Germany and has taught urban and environmental studies at universities in Mexico, France, and the United States. He also worked at the North American Commission for Environmental Studies, created under NAFTA. His research seeks to build a better understanding of the bidirectional interactions of urban areas and climate change. He studies social and urban vulnerability and adaptation to climate change, multilevel governance in urban areas in the context of climate change, and the science-policy/practice interface in urban areas with a particular emphasis on the role of spatial planning building urban responses to climate change. His research interests include also the search of new paths of growth and development in the context of global change in the 21st century. He has also designed and directed international training seminars for young scholars and practitioners of middle and low-income countries for the International Human Dimensions Program of Global Environmental Change and the Inter American Institute for Global Change.

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Bio

Karen Seto is an Associate Professor at the School of Forestry and Environmental Studies at Yale University. Professor Seto studies the human transformation of land and the links between urbanization and global change. A geographer by training, her research focuses on satellite remote sensing to characterize land-use dynamics, forecasting urban growth, and examining the environmental consequences of land-use change and urban expansion. She uses satellite images to reconstruct historical land-use and develops empirical models to explain and forecast urban growth. Her current research areas include urbanization and the loss of agricultural land, climate change and urbanization, sustainable development, and developing methodologies to identify land-use with time series remote sensing. Her geographic region of specialization is China, where she has worked on urban development issues for more than fifteen years. She also has research projects in India, Vietnam, and Qatar.

Professor Seto is co-chair of the Urbanization and Global Environmental Change Project of the International Human Dimensions Programme of Global Environmental Change (IHDP), and executive producer of *10,000 Shovels: Rapid Urban Growth in South China*, a short documentary film that highlights the urban changes occurring in China. From 2002 to 2008, she was the Remote Sensing Thematic Leader for the IUCN Commission on Ecosystem Management. She is a Fellow of the Aldo Leopold Leadership Program, and a recipient of the NASA New Investigator Program Award, the NSF Career Award, and a National Geographic Research Grant.

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Dr. J. Marshall Shepherd is an associate professor of geography/atmospheric sciences at the University of Georgia. He conducts research, advising, and teaching in atmospheric sciences, climatology, water cycle processes and urban climate systems. Prior to joining the UGA faculty, Dr. Shepherd spent 12 years as a research meteorologist at NASA. Dr. Shepherd was also Deputy Project Scientist for the Global Precipitation Measurement (GPM) mission. For his work on urban climate, Dr. Shepherd was honored in 2004 at the White House with the Presidential Early Career Award for pioneering scientific research. Dr. Shepherd is a Fellow of the American Meteorological Society and has over 50 publications (refereed articles, book chapters, reports). Dr. Shepherd has served on the American Meteorological Society (AMS) Executive Council and as contributing author on the 2007 Inter-governmental Panel on Climate Change (IPCC) AR4 report amongst other activities. He serves on the NOAA Climate Working Group and is a Project Associate for the Urbanization and Global Environmental Change project. Dr. Shepherd also served on a World Meteorological Organization committee to assess the impact of aerosols on clouds and precipitation and a 2009 National Research Council panel examining the impact of climate change on U.S. Naval operation. He is an editor for the Journal of Applied Meteorology and Climatology and co-section editor (climatology) for the journal, Geography Compass. Dr. Shepherd received his B.S., M.S. and PhD in physical meteorology from Florida State University.

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Dr. Solecki is Professor and Chairperson, Department of Geography, Hunter College of the City University of New York. Dr. Solecki's research focuses on the human dimensions of global environmental change, land use and land cover change, and environmental risks and hazards. Dr. Solecki led the Metropolitan East Coast Region Assessment for the U.S. National Assessment of Climate Variability and Change. He is a panel member of the Committee on Population and Land Use of the U.S. National Research Council, and a member of U.S. National Committee on the Scientific Committee of Problems of the Environment (SCOPE), National Research Council. He also is the Chair of the Human Dimensions of Global Change Specialty Group of the Association of American Geographers. He serves on the editorial board of the journals *Urban Ecosystems*, *Social Science Quarterly*, and *Professional Geographer*. Bill is a member of the UGEC Scientific Steering Committee. His education includes a Ph.D., 1990, Rutgers University, New Brunswick, New Jersey – Geography, and along with many others has participated in the (2007) *IPCC Working Group II Contribution to The Fourth Assessment Report*. He was a contributing author for Chapter 7. Industry, Settlement, and Society, and Chapter 14. North America; and Solecki, W.D. and Rosenzweig, C. (2007). *Climate Change and Cities*. In *Cities as Heroes in the Face of Environmental Change*. Bai, X. Ed. Yale University Press.