



## **International Conference on Human Ecology, Manchester, UK, June 29<sup>th</sup> to July 3<sup>rd</sup> 2009**

**Jointly convened by the Commonwealth Human Ecology Council,  
the Society for Human Ecology and the University of Manchester  
in cooperation with the German Society for Human Ecology**

### **Human Ecology for an urbanising world**



Supported by:



## Conference aims

This Conference will examine the status of, and current challenges facing, human ecology around the world. It aims to bring together scholars and practitioners associated with the study and practice of human ecology to demonstrate the relevance of the discipline, and its philosophy and applications, for the contemporary environment and for society.

## Conference notes

All sessions, except the Monday June 29<sup>th</sup> Postgraduate session are in the Renold Building. The keynote talks are held in Lecture Theatre C2 and lunch, tea and coffee will be served in the large foyer area on C floor outside the C2 theatre. The posters will be displayed in this foyer area.

All session organizers and chairpersons are urged to prepare the room before the start time, to begin on time, and to monitor discussion carefully. When another session follows soon after, please turn the room over to the next chairperson to allow for cueing up electronic files and re-arranging seating.

The program includes some roundtable discussions on topics suggested and/or organized by conference participants. The purpose is to provide open forums for raising questions, exchanging ideas, and discussing issues or plans. The names of a few participants appear under these in the program; hopefully they will draw in others and help facilitate the discussion. In addition to designated topics, there are three "undesigned roundtable" slots, as shown in the program, to allow for spontaneous groups to discuss themes of interest. If you want to reserve one of the available rooms in which to hold a discussion of open to interested attendees, please contact the registration desk staff.

Food and drink provided includes: the opening night reception at the Town Hall (wine & non-alcoholic beverages); lunches Tuesday, Wednesday and Thursday, and tea and coffee breaks. The conference dinner at the Yang Sing Restaurant is limited to those who booked and paid in advance. Food is readily available on campus in the adjacent Barnes Wallis Building (The Barnes Wallis self-service restaurant) and there are numerous pubs and restaurants close by.

## Conference Venue:

### **The Renold Building, University of Manchester**

see building 8 on the campus map on page 31 of this programme or at:  
<http://www.manchester.ac.uk/medialibrary/maps/campusmap.pdf>

Unless otherwise stated, all sessions and meetings will be held in the Renold Building

All sessions are numbered (e.g. #33), the Plenary Sessions first and then in order of appearance in the programme. The Conference CD, provided at registration, contains the programme with abstracts and an author index to abstracts which gives the number of the session in which a particular author and paper appears.

## **HIGHLIGHTS**

**29<sup>th</sup> June at 1700**

**Opening address by:**

**Dr. Anna Tibaijuka**

*UN Under-Secretary-General and Executive Director UN Habitat  
Chairman: David Hales (College of the Atlantic)*

**Followed from 1915 to 2015 by a**

**Welcoming reception at Manchester Town Hall**

**Hosted by the Lord Mayor of Manchester, Councillor Alison Firth**

**With an address by Professor Alistair Ulph**

*Vice-President and Dean of the Faculty of Humanities, University of Manchester*

**Plenary Sessions:**

**#1 June 30<sup>th</sup>**

**0930 to 1130**

**Sir Richard Leese**

*Leader, Manchester City Council*

*Manchester's progress towards a sustainable city*

*Introduced by Ian Douglas (University of Manchester)*

**Joe C Dwek CBE**

*North West Development Agency (NWD) Board Member, Chair of Environment Committee*

*Vice Chair of Enterprise & Skills Committee and*

*Former Chairman of Mersey Basin Campaign - Enworks and Envirolink*

*Business, the environment and human society*

*Introduced by Nigel Lawson (University of Manchester)*

**David Hales**

*President, College of the Atlantic*

*The importance of human ecology education*

*Introduced by Richard Borden (Executive Director, Society for Human Ecology)*

**Prof. Marina Fischer-Kowalski**

*IFF - Social Ecology, Vienna, Austria*

*Socio-metabolic transitions and the changing role of cities*

*Introduced by Bernhard Glaeser (President German Society of Human Ecology)*

**#2 July 1<sup>st</sup> 1045-1130**

**The Hon. Levi Oguike**

*Chairman, CHEC-Nigeria, Commissioner for Lands, Survey and Urban Planning,*

*IMO State, Nigeria.*

*Urbanisation, poverty and sustainability*

*Introduced by Mark Robinson (Commonwealth Human Ecology Council  
and Commonwealth Education Council)*

**#3 1330-1415**

**Richard Borden**

*Executive Director, Society for Human Ecology*

*The Future of Human Ecology*

*Introduced by Eva Ekehorn (Past President Society for Human Ecology and Governing Board Member  
Commonwealth Human Ecology Council)*

**1900-Late**

**Conference dinner**

**#4 July 2<sup>nd</sup> 1045 –1130**

**Peter Head,**

*Head of Planning and Integrated Urbanism at Arup (responsible for the Dongtan  
development):*

*Ecocities*

*Introduced by Professor Rusong Wang (President Ecological Society of China  
and Director Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences)*

**1615-1745**

**Final Plenary Session**

**Awards ceremony**

**Rapporteur's Comments Ian Douglas**

## #69 POSTER SESSIONS

**Posters will be displayed immediately outside the main plenary lecture theatre C2**

**Poster presenters are asked to be by their posters at the morning and afternoon tea and coffee breaks each day and also for some of the lunch break on June 29th**

### List of posters

Hugo Azcorra and Federico Dickinson (Human Ecology Department-Cinvestav, Merida, Mexico)  
*The growth status of sample of immigrants and natives preschoolers in a poor urban environment in Yucatan Mexico*

Helena Madureira, Ana Monteiro, Teresa Andresen (Universidade do Porto)  
*Landscape changes studies: exploring the relationship between census and land-cover data*

Helena Madureira, Teresa Andresen, Ana Monteiro (Universidade do Porto)  
*Land cover changes as a reflect of Man-Nature relationship evolution: a case study on River Leça Basin, NW Portugal.*

Margarete Cristiane de Costa Trindade Amorim, Ana Monteiro, Helena Madureira, João Lima Sant'Anna Neto (Universidade do Porto, Portugal)  
*The use of remote sensing on urban climate studies: Brazilian and Portuguese examples.*

Castillo-Burguete, María Teresa & Atoche Rodríguez, Karla, (Departamento de Ecología Humana, Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional, Mexico).  
*The contributions of qualitative research to human ecology studies: experiences from the coast of Yucatan, Mexico*

Vu Van Hieu (Vrije Universiteit Brussel)  
*Health impact assessment of transport and mobility in Hai Phong City, Vietnam*

Castillo-Burguete, María Teresa (Departamento de Ecología Humana, Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional), Martínez, Mallely (Fundación de Esperanto ) and Natali Pech (Departamento de Ecología Humana, Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional. Mexico))  
*Local efforts from Mexico to natural resources management: landscape, heritage, science and sustainability in 929 Management Plan.*

Deborah J Smith, (Michigan State University, USA)  
*Women's involvement with 12-step group support programs: does diagnosis, comorbid psychopathology and demographics impact attendance?*

Jose Azoh (Centro de Investigación y Acción, AC, Borroteran con San Pedro, 118, Col. Encinas, General Escobedo, NL, Mexico)  
*Quality of life and resilience of disadvantaged urban settlers in Haiti with uncertain access to clean water.*

Ina Susana López-Falfán and Federico Dickinson (Human Ecology Department-Cinvestav, Mexico)  
*Urban tree cover distribution and its associations to population and urban structure in Merida, Yucatan, Mexico*

Lawrence Fon Fombe (University of Buea, Cameroon)  
*Urban housing standards and development in Cameroon: urban centres: problems of crisis and policies*

Birgit Georgi (Project Manager - urban issues, European Environment Agency, Kongens Nytorv 6, DK 1050 Copenhagen K, Denmark)  
*Ensuring quality of life in Europe's cities and towns*

Muhammad Husnain (Institute for Landscape Architecture and Environmental Planning, Berlin University of Technology, Germany), Wolfgang Wende (Department of Environmental Assessment and Spatial Environmental Planning, Federal Environment Agency, Germany) and Robert E. Whale (a.k.a Rab Nawaz); (WWF Pakistan's Indus for All Programme, Shakra-e-Faisal, Karachi, Pakistan)  
*Ecological impacts of the Chotiari Reservoir and its socio-economic consequences in the District of Sanghar Sindh, Pakistan*

Ana Monteiro, Helena Madureira, Carlos Sousa, José Sousa, Marta Pimentel Martins, Sara Pinheiro Velho, Vânia Carvalho (Universidade do Porto, Portugal)  
*The green areas' importance on the reduction of morbidity and mortality at Valongo council*

Peter Pfeiffer (Càtedra UNESCO Universitat Politècnica de Catalunya, Barcelona, Spain)  
*(Spanish) Society in need of spiritual help*

Armony Piron (Ph.D. social science, LASC, Université de Liège, Belgium)  
*How to enable townspeople to invest the biodiversity debate? The case of Seine-Saint-Denis (93), a French department*

Siti Nurhidayu Abu Bakar & Nick A. Chappell (Lancaster Environment Centre, Lancaster University, Lancaster, UK)  
*Sediment recovery, 20 years post-logging of selectively logged catchment in Danum Valley, Sabah, Malaysia*

Andreas Bjurström (Human Ecology, School of Global Studies, Göteborg University, Sweden)  
*Climate Change disciplines and interdisciplinarity*

## The Keynote Speakers



**Dr. Anna Kajumulo TIBAIJUKA** is the first African woman elected by the UN General Assembly as Under-Secretary-General of a United Nations programme. She is currently serving a second, four-year term as Under-Secretary-General and Executive Director of UN-HABITAT. A Tanzanian national born to smallholder banana-coffee farmers in Muleba, Tanzania, she was educated at the Swedish University of Agricultural Science in Uppsala. In October 2006, she was appointed Director-General of the United Nations Offices in Nairobi (UNON), the only UN headquarters in Africa and the developing world. She has served as a Member of the Commission for Africa established by British Prime Minister Tony Blair which resulted in the cancellation of multilateral debt for several African countries by the G8 Summit in 2005 at Gleneagles, Scotland. In July 2005 the Secretary General appointed Mrs. Tibaijuka as his Special Envoy on Human Settlements Issues in Zimbabwe following massive evictions. Since 2002, Mrs. Tibaijuka has been instrumental in promoting water, sanitation and slum upgrading globally and in assisting the African Union to establish the African Ministerial Conference on Housing and Urban Development (AMCHUD). She also helped place urban poverty high on the agenda of similar regional bodies for Latin American and the Caribbean, as well as the Asia-Pacific. In its unanimous decision to re-elect Mrs. Tibaijuka for a second term as Executive Director of UN-HABITAT, the General Assembly noted her success in forging strategic partnerships with financial institutions for follow-up investment in housing and urban infrastructure. These include the UN-HABITAT \$570 million agreement with the African Development Bank and \$500 million agreement with the Asian Development Bank.

Mrs Tibaijuka has received many awards including honorary Doctorate degrees conferred by the University of McGill in Canada, University College London, and Herriot Watt in Scotland. She is a Foreign Member of the Royal Swedish Academy of Agriculture and Forestry and the International Center for Tropical Agriculture.



**Sir Richard LEESE**, the Leader of Manchester City Council was born and brought up in Mansfield, Nottinghamshire. He was educated at The Brunts School situated in north east of the town. After graduating from the University of Warwick he worked as a teacher in Coventry and as an exchange teacher in the USA before moving to Manchester to take up a post as a youth worker. Sir Richard has been employed variously in youth work, community work, and education research 1979-1988. He was elected to the Manchester City Council in 1984 becoming Deputy Leader from 1990 to 1996 having previously chaired the Education Committee (1986-1990) and Finance Committee (1990-1995). He is currently a Labour Councillor in the Crumpsall ward.

He was knighted in the 2006 Queen's Birthday Honours List after overseeing the 10-year regeneration of the city after the IRA bomb of 1966. He was awarded the Knighthood for "*services to local government*".

His political interests include the links between economic development and social policy, developing open democracy and the community leadership role of local authorities; and the role of cities in creating a sustainable future.

Sir Richard is a board member of the East Manchester Urban Regeneration Company, and is Chair of Manchester Airport Group's Shareholders' Committee.





**Mr. Joseph Dwek CBE** was Executive Chairman and Chief Executive of Bodycote International Plc from 1972 until his retirement in 1998. He is currently a director of Jerome Group Plc, Penmarric Plc, Opal Property Group Ltd and Mercury Recycling Ltd; and Chairman and Chief Executive of Worthington Group Plc.

Joseph was formerly Chairman of the Mersey Basin Campaign, the Healthy Waterways Trust, Envirolink, Enworks, and a council member of environmental charity, ENCAMS. He was a member of the board of the Department for Business, Enterprise & Regulatory Reform Environmental Innovation Advisory Group, among other roles. Currently he co chairs Newlands.

He was awarded a CBE in 1997 for “*services to industry and to the Confederation of British Industry in the Northwest of England.*”, which he chaired from 1994 to 1996. In 2008 he was awarded the prestigious Environment Leadership award at the annual Business in the Environment Conference

His is currently the Vice Chair of the Enterprise & Skills Sub-committee and the Chair of the Environment Sub-committee of the Board of the UK Northwest Regional Development Agency



**Professor David Hales** was inaugurated as the fifth president of College of the Atlantic, Bar

Harbor, Maine, USA in 2006. Under his leadership, College of the Atlantic is the first university in the United States to become a “NetZero” emitter of greenhouse gases, and one of the first institutions in the United States to commit to being 100% reliant on renewable energy by 2015.

Professor Hales has held numerous positions promoting sustainability nationally and internationally. Most recently, Hales has been Counsel for Sustainability Policy to Worldwatch Institute, an independent research organization focused on energy, resource and environmental issues. Previously, he served as Deputy Assistant Secretary for Fish, Wildlife and Parks of the United States Department of the Interior, was Director of the Michigan Department of Natural Resources, and directed environmental policy and sustainability programs of the United States Agency for International Development. From 1980 to 1987, Professor Hales held the Samuel Trask Dana Chair of Natural Resources at the University of Michigan.

David has frequently been called upon to serve as chair or moderator of international conferences, including the Bonn Conference on Renewable Energy and the Hague Conference on Energy for Development and the World Conservation Congress Forum on Renewable Energy and Climate Change. He has represented the United States in multilateral negotiations, including the Framework Convention on Climate Change, the Convention on Biodiversity, the Convention to Prevent Desertification, the Convention on International Trade in Endangered Species, Rio Plus 5 and Habitat II, as well as in meetings of the United Nations General Assembly, Economic and Social Commission, Commission on Human Settlements and Commission on Sustainable development.



**Professor Dr. Marina Fischer-Kowalski** holds a Ph.D. in sociology, and is professor of social ecology at Klagenfurt University and



director of the Vienna based Institute of Social Ecology at the Faculty for Interdisciplinary Studies (IFF). She is, inter alia, president of the International Society for Industrial Ecology (ISIE), Chair of the Scientific Advisory Board of the Potsdam Institute of Climate Impact Research (PIK) and a member of the UNEP panel on the sustainable use of resources. She published several books on social and environmental issues, and 250 scientific articles in books and journals. Her latest book is *Socioecological Transitions and Global Change*, Cheltenham (E.Elgar).



**The Hon. Levi Oguike**, an alumnus of the college of Estate Management, Whiteknights, Reading, England, and a member of the Charter Society of the college. He served in the executive council of Nigerian Institute of Quantity Surveyors from 1992 to 1996 as the Publicity Secretary, Editor-in-Chief and Chairman, Publicity Committee of the Institute charged with the responsibility for the production of the official journal of the institute, "The Quantity Surveyor". He has long had an interest in human settlements and UN Habitat activities. He was a member of the Nigerian Federal House of Representatives, representing the Owerri North/Owerri West/Owerri-Municipal constituency and was chair of the House UN Habitat Committee. He found CHEC Nigeria and is now Commissioner for Lands, Survey and Urban Planning, IMO State, Nigeria.



**Dr. Richard Borden** is the Executive Director of the Society for Human Ecology and teaches

environmental psychology, personality and social development, contemporary psychology, and the history and philosophy of human ecology at the College of the Atlantic (COA). Richard served as COAs Academic Dean for twenty years. He is a Past-President of the Society for Human Ecology. His holds a B.A. from the University of Texas; an M.A. and a Ph.D. from Kent State University; and was a University Post-Doctoral Fellow in animal behavior and ecology at Ohio State University. An author of numerous books and articles, he has been a USIA academic specialist and consultant in the area of human ecology and served as an advisor to human ecology programs in China, Russia and elsewhere in Europe and in North and South America.



**Mr. Peter Head** is a Director of Arup and heads the newly integrated business of Planning and Integrated Urbanism, which includes Development Planning, Economics & Policy, Integrated Urbanism, Transport and Environmental Consulting and Sustainable Development. Peter worked at the forefront of steel bridge technology in his early career. He became Project Director for major crossings such as the Second Severn Crossing, receiving the OBE for "*services to the construction industry*". It was on this project that his interest in sustainable development took root. Peter first took a role as Chairman of the London First Sustainability Unit and then became Commissioner on the newly formed London Sustainable Development Commission from 2002-2008. Peter is project director for the planning and development of the Dongtan Ecocity on Chongming Island in Shanghai and other city developments in China for the client Shanghai Industrial Investment Co. He is a sustainability advisor for the London Olympics development project. He supported the development of a Zero Carbon housing project in Thames Gateway. Peter also advised the Cathedral Group's successful bid for the Circus St development in Brighton, another zero carbon urban regeneration project.

## DETAILED PROGRAMME

Monday 29 June 2009

**#6 1300-1600 Room H008 in the Sackville Building**  
**PhD student workshop: Research strategies and academic writing**  
*Andreas Bjurström ( Göteborg University )*

**#7 1300-1430 C2 Lecture Theatre: Special workshop on economic roots of the environmental crisis and their links to human ecology**  
*Convenor: Nadia Johanisova (Faculty of Social Studies, Masaryk University, Brno, Czech Republic)*

*Ian Douglas will report on the results of a SCOPE/Royal Society symposium on June 12<sup>th</sup> on the Financial Crisis and Environmental Problems.*

*Comments and suggestions from intending participants are welcome. Please contact Nadia Johanisova at [johaniso@fss.muni.cz](mailto:johaniso@fss.muni.cz) with a copy to [ian.douglas@manchester.ac.uk](mailto:ian.douglas@manchester.ac.uk)*

**#8 1430-1530 C2 Lecture Theatre: Special workshop on the crisis for university human ecology**

*Introduction by Ulrich Loening (Centre for Human Ecology, Scotland)*  
*The two Sciences, conventional and convivial*

*Followed by a discussion on raising the profile of human ecology as an academic discipline and responding to the current threats to university human ecology*

**#9 1545-1645 C2 Lecture Theatre: Special workshop and discussion on global urban planning needs**  
*Introduction by Vincent Goodstadt (Visiting Professor, Centre for Urban and Regional Ecology, University of Manchester, and former Director of the Glasgow & Clyde Valley Strategic Plan, Past-President of the Royal Town Planning Institute, co-chair of the Global Planning Network).*

**1700-1800 C2 Lecture Theatre: Opening keynote address**  
**Dr. Anna Tibaijuka**  
*UN Under-Secretary-General and Executive Director UN Habitat*

**1915-2015**  
**Welcoming reception**  
**Banqueting Reception Room, Manchester Town Hall,**  
**Hosted by the Lord Mayor of Manchester**  
**Councillor Alison Firth**

**With an address by Professor Alistair Ulph**  
*Vice-President and Dean of the Faculty of Humanities, University of Manchester*

**Tuesday 30 June 2009**

**#1 0930-1130 C2 Lecture Theatre:  
Plenary Opening Session and Keynote Addresses**

**Sir Richard Leese**

*Leader, Manchester City Council*  
Manchester's progress towards a sustainable city

**Joe C Dwek CBE**

*North West Development Agency (NWDA) Board Member, Chair of Environment Committee  
Vice Chair of Enterprise & Skills Committee and  
Former Chairman of Mersey Basin Campaign - Enworks and Envirolink*  
Business, the environment and human society

**David Hales**

*President, College of the Atlantic*  
The Importance of Human Ecology Education

**Prof. Marina Fischer-Kowalski**

*IFF - Social Ecology, Vienna, Austria*  
Socio-metabolic transitions and the changing role of cities

**1130-1145 Poster Exhibition and Coffee**

**#10 1145-1330 Room G1 Landscapes, heritage, and sustainability: translating principles into practice**

*Convenor: Peter Goodchild (GARLAND and Commonwealth Human Ecology Council (CHEC))*

Peter Goodchild (GARLAND and Commonwealth Human Ecology Council (CHEC))  
*The relevance of landscapes and heritage to sustainability and human ecology.*

Peter Goodchild (GARLAND and Commonwealth Human Ecology Council (CHEC))  
*A people and places agenda.*

**#11 1145-1315 Room G2 How do biosphere reserves deal with the challenges of an urbanised World?.**

*Round table discussion chaired by Cristina de la Vega-Leinert and Susanne Stoll-Kleemann*  
With contributions from: Susanne Stoll-Kleemann, Nele Leiner, Christoph Nolte, Rainer Schliep, Cristina de la Vega-Leinert (University of Greifswald (Germany), Institute of Geography, Chair of Sustainability Science and Applied Geography) with Marina Fischer-Kowalski, Lazaros Xenidis, Simron Jit Singh (Institute for Social Ecology, Klagenfurt University, Austria), and Marcelo Nolasco (University of Sao Paulo, Brazil)

**#12 1145-1330 Room H1 The urban metabolism approach**

*Convenor: Julia Steinberger (IFF-Austria)*

Barrie Gasson, (School of Architecture, Planning and Geomatics, University of Cape Town, South Africa)  
*The urban metabolism of Cape Town: policy implications of consumption and waste patterns across different income groups at metropolitan and sub-metropolitan scales.*

Michael Doherty, Hitomi Nakanishi, Xuemei Bai and Jacqui Meyers (CSIRO Sustainable Ecosystems, Canberra, Australia)  
*Relationships between form, morphology, density and energy in urban environments*

Helga Weisz (Potsdam-Institute for Climate Impact Research, Germany)<sup>1</sup>, Julia K. Steinberger and Anke Schaffartzik (IFF- Institute of Social Ecology, Klagenfurt University, Austria)  
*City walls and urban hinterlands: the importance of system boundaries for measuring urban energy use*

### **#13 1145-1330 Room H2 Urban health and the quality of life: global and local challenges**

*Chairman: Roderick Lawrence*

Roderick J. Lawrence (Human Ecology and Environmental Sciences, Faculty of Social and Economic Sciences, University of Geneva, Switzerland.)  
*Urban health and the quality of life: global and local challenges*

Ana Monteiro, Helena Madureira, Carlos Sousa, José Sousa, Sara Velho, Vânia Carvalho (Universidade do Porto, Portugal)  
*Extreme weather episodes and health degradation at Porto –the heat wave of 2003*

Chiho Watanabe (Department of Human Ecology, School of International Health, Graduate School of Medicine, University of Tokyo, Japan)  
*Inter-country comparisons of health in relation to the lifestyles and environment.*

### **#14 1145-1330 Room F1 Ecological thinking – algorithms for global challenges**

*Convenor: Joe Ravetz (Centre for Urban and Regional Ecology, Manchester University)*

A workshop to create discussion

A panel of expert speakers has been assembled, to put forward highly contrasting experiences of ecological thinking in different walks of life:

- **Sally Randles**, Manchester Institute for Innovation: “*industrial ecology*”
- **Tony Hodgson**, International Futures Forum & Decision Integrity: “*ecological participatory visioning*”
- **Ben Campbell**, Durham Univ: “*ecological thinking in world development*”
- **Mark Everard**, Environment Agency & Institute of Environment Science: “*ecological thinking in public policy*”.
- **(Simon Shackley**, Edinburgh Univ (tbc) “*ecological thinking and climate science / policy*”.

### **#15 1145-1330 Lecture Theatre C2 Ecopolis. Eco-cities, Eco-towns**

*SCOPE (Scientific Committee on Problems of the Environment)*

*Convenors: Rusong Wang (Chinese Academy of Sciences) and Ian Douglas (University of Manchester)*

Rusong Wang (State Key Lab of Urban and Regional Ecology, Chinese Academy of Sciences,  
*Ecopolis in progress: An integrative and adaptive approach to transform ego-city into eco-city*

Wolfgang H. Serbser (German Society for Human Ecology (DGH)  
*Developing Sustainable Communities – First steps in a new European challenge*

John Anderson (Past-President RTPI and former Executive Committee Chair, Commonwealth Human Ecology Council (CHEC))  
*The Essence of the Wekerle (Hungary): A unique design for living*

Mike Hodson and Simon Marvin (Sustainable Urban & Regional Futures, Salford University, UK)  
*Urban Ecological Security: A New Urban Paradigm?*

## **1330-1415 Poster Exhibition and Lunch**

### **#17 1415-1545 Room G1 Landscapes, Heritage, and Sustainability: Translating Principles into Practice (continued)**

*Chairman: Peter Goodchild*

Wael Salah Fahmi (Helwan University, Cairo, Egypt)

*Urban poverty and contested spaces within Cairo's historical bazaar: a stakeholder approach to sustainable heritage tourism*

Andrea Morf and Gunilla A. Olsson (Human Ecology, School of Global Studies, University of Gothenburg, Sweden)

*Local participation in conservation management begets empowerment?*

Eckart Lange and Sigrid Hehl-Lange (Department of Landscape, University of Sheffield)

*Integration of participation and 3D visualisation for improved environmental decision-making*

### **#18 1415-1545 Room G2 Directions in human ecology education – a core human ecology curriculum?**

*Chairs: Wolfgang H. Serbser, (Berlin, Germany) and Luc Hens, (Brussels, Belgium)*

#### **Part 1**

Roderick Lawrence (University of Geneva, Switzerland)

*Challenges for courses in human ecology: experience at the University of Geneva*

Luc Hens (Human Ecology Vrije Universiteit Brussel, Belgium)

*Skills and competences of the human ecologist*

Simon Batterbury (Department of Resource Management and Geography, and Office of Environmental Programs, University of Melbourne, Australia)

*Transdisciplinary environmental education; institutional and pedagogical challenges*

Roman Lenz (University of Applied Sciences Nuertingen-Geislingen, Germany)

*A summer school for integrative thinking: with real world problems, local people and scientific underpinning*

Alastair McIntosh (Centre for Human Ecology and University of Strathclyde, Glasgow, UK)

*Towards a pre-modern communitarian human ecology curriculum*

### **#19 1415-1545 Room H1 The urban metabolism approach (continued)**

*Convenor: Julia Steinberger (IFF-Austria)*

John E. Fernández (MIT-Portugal Program, Massachusetts Institute of Technology, USA)

*Urban activities and critical stocks*

Marta De Olazabal and Unai Pascual (LABEIN-Tecnalia, Urban and Industrial Environment Unit and University of Cambridge, Department of Land Economy).

*Urban metabolism and urban resilience: a human ecology approach*

Anke Schaffartzik and Julia K. Steinberger (IFF Institute of Social Ecology, Klagenfurt University, Austria) and Helga Weisz (Potsdam-Institute for Climate Impact Research, Germany)

*Urban metabolic profiles*

Wolf Schluchter (Germany)

*Sustainable energy situation as an human-ecological project.*

**#20 1415-1545 Room H2 Animals in the urban environment (attitudes towards urban wildlife, human-wildlife conflict, human-wildlife interactions, feral animals, zoos, pets and related topics),**

*Chairperson: Susan Clayton*

Megan M. Draheim (George Mason University and Project Coyote), Larry L. Rockwood, Gregory Guagnano, and E.C.M. Parsons (George Mason University, USA)

*Predators and People in an Urbanizing World*

Penny Marshall (Australian National University, Canberra, Australia)

*The curious case of the savannah cat: the 2009 proposed importation of savannah cats into Australia*

Susan Clayton (The College of Wooster, USA)

*Nature in urban environments: The role of zoos*

**# 21 1415-1545 Room F1 Ecological thinking – algorithms for global challenges  
(continued)**

*Convenor: Joe Ravetz*

**#22 1415-1545 Lecture Theatre C2 Ecopolis. Eco-cities, Eco-towns (continued)**

*Chairman: John Anderson (John Anderson Planners)*

Xiangrong Wang (Fudan University, Shanghai)

*Assessment on eco-coupling relationship of a resource-saving and environment-friendly city --- a case study of Baoshan, Shanghai, China*

Wong Tai-Chee (National Institute for Education, Singapore)

*Coastal ecocities in China: pearls in the sea of degrading urban environments?*

Robert W. Taylor (Montclair State University, USA and De La Salle University, Manila, Philippines) and Jose Santos Carandang, (Biology, De La Salle University, Manila, Philippines)

*Sustainability and redevelopment in the City of Manila, Philippines*

Pierre Laconte ((President, International Society of City and Regional Planners, Belgium)

*Eco-city planning and design: requirements for an eco-city planning concept and selected examples.*

**1545-1615 Poster Exhibition and Tea**

**#23 1615-1745 Room G1 Undesignated roundtable session**

**Room available for ad hoc discussions**

**#24 1615-1745 Room G2 Directions in human ecology education – a core human ecology curriculum? (continued)**

*Chairman: Wolfgang Serbser*

Part 2

Rob Dyball (The Australian National University, Australia)

*Comments on Part 1*

Jay Friedlander (College of the Atlantic, USA)

*The "business" of human ecology*

Helmut Haberl (Institute of Social Ecology, Alpen Adria Universität, Austria)

*The master study programme "Social and Human Ecology" at the Institute of Social Ecology, Vienna*

Meriel Brooks (Green Mountain College, USA)  
*Green Mountain College's Environmental Liberal Arts Program: A Common Curriculum for Sustainability.*

Wolfgang Serbser (German Society for Human Ecology, College of Human Ecology for Europe, Germany)  
*A German Human Ecology Curriculum – Some Aspects of 'What We Can Call the Core*

**#25 1615-1745 Room H1 The urban metabolism approach (continued)**

**#26 1615-1745 Room H2 Animals in the urban environment (attitudes towards urban wildlife, human-wildlife conflict, human-wildlife interactions, feral animals, zoos, pets and related topics),**  
*Chairperson: Susan Clayton*

David Gledhill and Philip James (University of Salford, UK)  
*Are nice ponds in nice places? A socio-ecological perspective of a New Town development*

Anne-Caroline Prevot-Julliard (Laboratoire Ecologie, Systematique Evolution University Paris-Sud, France)  
*Human-based conflicts about urban wildlife: the management of urban populations of feral pigeons.*

G.U. Caravello and M. Mazza (Department of Environmental Medicine and Public Health of the University of Padova) and P. Mazzetto and S. Pollazzi (Environmental Section, Municipality of Padova, Italy)  
*Pigeons in the town: a census of the pigeon population in Padua (Italy)*

**#27 1615-1745 Room F1 Understanding and managing the problem of gross rebound effects: a suggestion about how to solve global environmental problems**  
*Chairman: Stig-Olof Holm (Umeå University, Sweden)*

Anders Wijkman, a member of the European parliament, will make a presentation "Cooperation between scientists and politicians in solving global environmental problems" by video-link from Visby in Sweden. After the presentation he will answer questions from the audience.

Stig-Olof Holm (Department of Ecology and Environmental Science, Umeå University, Sweden)  
*Understanding and managing gross rebound effects: a suggestion about how to solve global environmental problems*

**#28 1615-1745 Lecture Theatre C2 Ecopolis. Eco-cities, Eco-towns (continued)**  
*Chairman: Pierre Laconte*

Merritt Polk (Human Ecology, School of Global Studies, Göteborgs University)  
*Transdisciplinary collaboration for sustainable urban development*

R.E.S.Tanner (Nijmegen Institute for Mission Studies, Netherlands)  
*Pessimism and large scale planning.*

Fátima Loureiro de Matos (Geography Department, University of Porto, Portugal)  
*Housing, sustainability and quality of life*

Thomas K. Rudel (Rutgers University, USA)  
*A drop in the bucket?: Local sustainability and its effects on global patterns*



**1800-2000 Commonwealth Human Ecology Council Board of Governors Meeting** *(venue to be confirmed)*

## Wednesday 1<sup>st</sup> July

### **#29 0900-1030 Room G1 Climate change and the urban environment: the conceptual framework**

*Chairman: John Handley (University of Manchester, UK)*

John Handley (CURE: University of Manchester, UK)  
*Urban ecology in a changing climate*

Rose Bailey, Jim Longhurst and Enda Hayes (University of the West of England, UK), K. Vala Ragnarsdottir (University of Bristol, UK/University of Iceland), Lorraine Hudson (Bristol City Council, UK) and Joshua Thumim (Centre for Sustainable Energy, UK)  
*Managing carbon emissions at the city scale: opportunities and challenges*

Sarah Schweizer and Jessica Thompson (Colorado State University, USA)  
*Organizational resilience: a proposed framework for understanding and facilitating organizational change in the context of climate change*

### **#30 0900-1030 Room G2 Research paper workshop for PhD students**

*Chairman: Andreas Bjurström (Göteborg University, Sweden)*

Farhod Ahrorov (Vrije Universiteit Brussel, Belgium)  
*The sustainable agriculture and soil problems in Uzbekistan*

Boon Emmanuel Kwesi, Egyir Isaac Kwasi and Sanchez Shenna (Vrije Universiteit Brussel (VUB), Belgium)  
*Improving livelihoods in developing countries through sustainable forest management: A case study of Ghana*

Oyedeki Philips (Nigeria)  
*The role of the petroleum industry in promoting sustainable development in Nigeria: a case study of Rivers State, Nigeria*

Iwu Callista Chika (Vrije Universiteit Brussels, Belgium)  
*Sustainable development dilemmas in the Niger delta area of Nigeria: Assessing the interrelations between oil pollution, agricultural performance, poverty reduction and household food security.*

### **#31 0900-1030 Room H1 Regional development: urban impact on natural ecosystems**

*Chairman: Rafael Guzmán Mejía (University of Guadalajara, México)*

María del Carmen Anaya Corona and Rafael Guzmán Mejía (University of Guadalajara, Jalisco, Mexico)  
*A human ecology perspective of Los Altos de Jalisco, Mexico*

José M. de Mascarenhas and Ana L. Rocha (University of Evora, Portugal)  
*Multifunctional valorization of extensive systems landscapes: a comparative study of Portuguese "Montado" and Brazilian "Cerrado".*

Werner Kvarda (Institute of Soil Science, University of Natural Resources and Applied Life Sciences – BOKU, Austria)  
*Soil water and land use and responsible regional development*

### **#32 0900-1030 Room H2 Indigenous knowledge and the urban environment**

*Chairman: Alpina Begossi and Priscila Lopes (UNICAMP, Brazil)*

Prof. Juarez Carlos Brito Pezzuti (Universidade Federal do Pará, Brazil)

*Patterns of harvesting, consumption and illegal trade of turtles in várzea ecosystem of the Purus River, Amazon, Brazil*

Shirley P Souza and Alpina Begossi (UNICAMP, Brazil)

*Fishers' LEK on the distribution and diet of cetaceans in the city of São Sebastião, Brazil*

J.M. Menuka Udugama (Department of Agribusiness Management, Wayamba University of Sri Lanka)  
Leel Randeni and R.S.S. Ratnayake (Biodiversity Secretariat, Ministry of Environment and Natural Resources, Sri Lanka) and U.K Jayasinghe-Mudalige (Department of Agribusiness Management, Wayamba University of Sri Lanka)

*A case of community participation in conserving the environment through indigenous knowledge in urban areas of Sri Lanka*

Chadare, F.J.; Hounhouigan, J.D (University of Abomey-Calavi, Cotonou, Benin) and Linnemann, A.R. Nout, M.J.R., van Boekel, M.A.J.S. (Wageningen University, Netherlands)

*Indigenous knowledge and processing of Adansonia digitata L food products in Benin*

### **#33 0900-1030 Room F1 Connecting systems theories for human ecological challenges in urban regions –**

*Chair: Felix Tretter (Munich, Germany).*

Felix Tretter (German Society for Human Ecology, Munich FRG)

*Introduction – methodological aspects of systems theories*

Marina Fischer-Kowalski (Alpen-Adria-University, Vienna, Austria)

*Can civilizations collapse? Approaching the question by a theory of coupled systems.*

Wolfgang Serbser (German Society for Human Ecology, Munich, Germany)

*A system approach of social change and innovation*

Peter Mandl (Inst. of Geography and Regional Studies, Alpen-Adria-University, Klagenfurt, Austria)

*Spatial agent based models as recent representations of urban human ecological systems*

### **#34 0900-1030 Lecture Theatre C2 Ecopolis. Eco-cities, Eco-towns (continued)**

*Chairman: Wong-Tai Chee*

Eleanor Morris (Chairman, Executive Committee, Commonwealth Human Ecology Council, Past-President Royal Town Planning Institute Scotland)

*Down with ecotowns? Up with Ecocommunities? Or Ecotowns as models*

Geoffrey Binder (RMIT University, Australia)

*Understanding innovating for sustainability for a master-planned community in Melbourne, Australia: A social-learning model.*

Selin Mutdogan (Hacettepe University, Turkey)

*Sustainable transformation in Istanbul*

Semra Atabay (Yildiz Technical University, Turkey) and Zeynep Kaçmaz Öztürk (Ekosehir–Istanbul, Turkey)

*A global ecological approach to regional planning*

### **1030-1045 Poster Session and Coffee**

**1045-1130 Lecture Theatre C2 Keynote Address by The Hon. Levi Oguike**  
*Chairman, CHEC-Nigeria, Commissioner for Lands, Survey and Urban Planning,*  
*IMO State, Nigeria.*

Urbanisation, poverty and sustainability

**#35 1130-1245 Room G1 Climate change and the urban environment:  
organisational and behavioural change towards a decarbonised economy.**

*Chairman: John Handley*

Desley Speck (Australian National University, Australia)

*A Hot Topic? Constructions and communication of climate change: a local scale investigation*

Paul Ofei-Manu and Skerratt, G

*Sustainable low-carbon, climate-resilient society and people's values and attitudes: the use of education-action systems within the framework of Greater Sendai Area Regional Center of Expertise, (RCE) in Japan*

Sebastian Carney (CURE: University of Manchester)

*A process of stakeholder engagement for producing: emissions baselines, energy baselines, energy scenarios and plans at the city scale: The EU CO2 80/50 project – 18 European City Regions.*

**#36 1130-1245 Room G2 Research paper workshop for PhD students**

*(continued) Chairman: Andreas Bjurström*

Marie Widengård (School of Global Studies, Gothenburg University, Sweden)

*An evaluation of environmental impact assessment as a deliberative tool for sustainable development: A case study of biofuels production in developing countries*

Shamik Chakraborty (School of Asia Pacific Studies, Ritsumeikan Asia Pacific University, Japan)

*The role of environmental policy processes on urban expansions in the land water interface regions: case study from Laguna de Bay, Philippines*

Madeleine Prutzer (School of Global Studies, Human Ecology, Gothenburg University, Sweden)

*Cooperation as a tool for sustainable water drainage system along Säve stream*

**#37 1130-1245 Room H1 Regional development: urban impact on natural ecosystems (continued)**

*Chairman: Maria del Carmen Anaya Corona (Mexico)*

Le Xuan Quynh and Luc Hens (Vrije Universiteit Brussel, Belgium), Vu Van Hieu (Vietnam National University in Ha Noi, Vietnam) Nguyen Thanh Hung (Ho Chi Minh City Institute of Resources Geography, Vietnam) and Tran Dinh Lan (Institute of Marine Environment and Resources, Haiphong, Vietnam)

*Strategic environmental assessment for port areas: application to the ports of Hai Phong and Vung Tau in Vietnam*

Abhik Chakraborty (Ritsumeikan Asia Pacific University, Japan)

*A case study of the Ganges Basin area in the immediate upstream of the Farakka Barrage in West Bengal, India*

Zhou Hong and Zhang Jinfeng (China)

*Ecological Culture and Fung Shui Woods in Villages of China*

### **#38 1130-1245 Room H2 #37 Tourism, Eco-Tourism and Conservation**

*Chairperson: Kalyani Chatterjee*

Thomas C. Meredith (McGill University, Canada)

*Public participation in conservation initiatives: how global conservation agendas: influence community-based development decisions in north-east Laikipia, Kenya.*

Lee Cerveny ( Pacific Northwest Research Station, U.S. Forest Service) and Erin Seekamp, (Southern Illinois University Carbondale)

*“The lights are on, but no one is home” : managing natural resource partnerships in an era of capacity constraint*

Lasisi Isiaka Adesanya (Nigeria)

*Sustainable tourism development in Nigeria and its impact on poverty reduction*

Lee K. Cerveny (Pacific Northwest Research Station, U.S. Forest Service) and Dale Blahna, (Pacific Northwest Research Station, U.S. Forest Service)

*Use of science by interdisciplinary teams for environmental assessment in the U.S. Forest Service*

### **#39 1130-1245 Room F1 Nature management and immigrants – an intercultural necessity in an urbanizing world!**

*Chair: Dr. Christine Katz (German Society for Human Ecology (DGH)*

***Open Symposium: further participants are invited***

For the session we invite short presentations (10 min.) contributing to the discussion of:

- The present situation in European countries, regarding the integration of intercultural aspects into concepts of sustainable nature management – especially in Urban Landscapes;
- The experiences of stakeholders and users involved in the management of Urban Landscapes with integrating the perspectives of people with a migrant background (potentials, obstacles etc.);
- The existing conditions and essential prerequisites for a powerful participation of migrants, their demands, perceptions, awareness and know-how regarding nature in general and Urban Landscapes in particular.

One primary objective of the session is establishing a (research) network for further collaboration on this field.

Participants/ Speakers:

Dr. Christine Katz: Input

Dr. Parto Teherani-Kroenner (Institute for Economic and Social Science of Land-Use, Humboldt-University, Berlin, Germany)

### **#40 1130-1245 Lecture Theatre C2 Human ecology, sustainability and business**

*Chair Jay Friedlander (College of the Atlantic, Bar Harbor, Maine, USA)*

Dr Will Williams (Programme Director, Natural Economy Northwest, UK)

*Embedding and repositioning the natural environment within sustainable economic growth*

María Dolores Viga de Alva (Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional, Unidad Mérida. Departamento de Ecología Humana, Mexico) and Arely Anahí Paredes Chí (Secretaría de Desarrollo Urbano y Medio Ambiente, Mexico)

*Human ecology research in urban enterprises: level of development in environmental education of companies in Merida, Yucatan and the impact on its organization and productivity*

María Isabel Rivera Vargas (University of Guadalajara, Mexico)

*Did foreign direct investment foster sustainable industrial development in the Guadalajara Region?*

Jay Friedlander (College of the Atlantic, Bar Harbor, Maine, USA)

*Sustainable advantage*

**1245-1330 Poster session and Lunch**

**1330-1415 Lecture Theatre C2 Keynote Address by Richard Borden**

*Executive Officer, Society for Human Ecology*

*The Future of Human Ecology*

*Introduced by Eva Ekehorn (Past-President, Society for Human Ecology and Governing Board member, Commonwealth Human Ecology Council (CHEC))*

**#41 1415-1545 Room G1 Climate change and the urban environment: understanding societal response to climate change impacts (continued)**

*Chairman: John Handley*

Erik Bichard and Aleksandra Kazmierczak (University of Salford, UK)

*Resilient homes: facing flood risk in urban areas*

Heather Aslin (School for Environmental Research, Charles Darwin University, Casuarina, NT, Australia) and Jacqui Russell (Bureau of Rural Sciences, Canberra, Australia)

*Social impacts of drought in rural Australia*

Atsuko Kuribayashi, NLI Research Institute, Japan

*How the positioning of climate change as an everyday risk influences on reducing CO2 emission behaviors in Japan?*

**#42 1415-1545 Room G2 Research paper workshop for PhD students**

*(continued) Chairman: Andreas Bjurström*

G. Kokoeva (Vrije Universiteit Brussel, Belgium), Frischknecht C. (University of Geneva, Switzerland)

*Community perception of natural and technological (natech) disaster risks related to landslides and uranium tailings in the Mailuu-Suu Valley (Kyrgyzstan)*

Martin Bae Pedersen (Human Ecology, Göteborg University, Sweden)

*Cars, consumers and the environment. An interdisciplinary project about prerequisites for choosing environmentally classified vehicles (ECV's) in Sweden.*

Andreas Bjurström (Human Ecology, Göteborg University, Sweden)

*Nature-Culture dualism and the Fact-Value distinction: notes on the case of climate change*

Rose Bailey, Jim Longhurst and Enda Hayes (University of the West of England, UK), K. Vala Ragnarsdottir (University of Bristol, UK/University of Iceland), Lorraine Hudson (Bristol City Council, UK) and Joshua Thumim (Centre for Sustainable Energy, UK)

*The low carbon futures for the Bristol region*

**#43 1415-1545 Room H1 Regional development: urban impact on natural ecosystems (continued)**

*Chairman: Rafael Guzmán Mejía*

Kazi Ahmed Kabir (Independent University Bangladesh)

*Wetlands in the culture of Bangladesh: valuing urban wetland conservation*

Martin Ochieng Oulu and Emmanuel Boon (Vrije Universiteit Brussel, Belgium)

*Mainstreaming Environment and Development in Kenya: Lessons for Human Ecology and Sustainable Development*

Gusti Ayu Ketut Surtiari (Population Studies Center, Indonesia Institute of Science)

*The Impact of Urban Growth on Land Use Change*

Rafael Guzmán Mejía and María del Carmen Anaya Corona (University of Guadalajara, México)  
Puerto Vallarta, Mexico: a Laboratory for Human Ecology

#### **#44 1415-1545 Room H2 Faith and Human Ecology**

*Chairman: Professor Salvino Busuttil (President of the Fondation de Malte, Co-Founder Commonwealth Human Ecology Council (CHEC))*

Salvino Busuttil (Fondation de Malte, Malta)  
*Teilhard de Chardin (the celebrated Jesuit 'environmentalist')*

Brendan Connolly (Ireland)  
*Religion - a human ecological creation.*

Ana Monteiro (Univerisdad do Porto, Portugal)  
*The importance of the "Christian Bible - Old Testament" to our relationship with the other environmental components.*

Mohamed M. Ahmed, Ph.D. (Lafayette, California, USA)  
*The origins of due process: implications from community justice to governance*

#### **1415-1545 Room F1 German Society for Human Ecology Annual Business Meeting**

#### **#45 1415-1545 Lecture Theatre C2 Urbanization and land-system change**

*Chairman: Helmut Haberl (Institute of Social Ecology, Vienna, Austria)*

Helmut Haberl, Karl-Heinz Erb, Fridolin Krausmann, Stefan Berecz, Nikolaus Ludwiczek, and Annabella Musel (Institute of Social Ecology, Vienna, Austria.)  
*Embodied HANPP: an innovative tool for analyzing teleconnections between source and sink areas*

Rob Dyball (Human Ecology Program, Australian National University, Canberra, Australia)  
*Global food flows*

H. S. Sharma (Formerly Professor of Geography, University of Rajasthan, Jaipur, and President, Chec-India (Commonwealth Human Ecology Council))  
*Land transformation and environmental degradation in the Jaipur Urban Region*

Iwu Callista Chika (Vrije Universiteit Brussels Belgium)  
*The challenges of land tenure systems on household food security in Eastern Nigeria.*

#### **1545-1615 Poster Session and Tea**

#### **#46 1615-1745 Room G1 Climate change and the urban environment: the role of green infrastructure in climate change management**

*Chairman: John Handley*

Ana Monteiro, Helena Madureira, Marta Pimentel (Universidade do Porto, Portugal)  
*Climate perception and reaction in urbanized areas – a case study during the heavy rain episode of 2000/2001 and during the 2004 drought*

Jeremy Carter (CURE: University of Manchester)  
*Climate change adaptation in theory and practice*

Jill Edmondson, Z.G. Davies, S. McCormack, J.R. Leake, and Ken J. Gaston (University of Sheffield, UK)  
*Carbon sequestration in UK urban greenspace- Leicester city as a case study*



Anna Gilchrist, Adam Barker, Richard Kingston and John Handley (CURE, University of Manchester)  
*Facilitating species range expansion in an urban region: the experience of the urban Mersey Basin, UK*

**#47 1615-1745 Room G2 Undesignated roundtable session/ ad hoc meeting**

**#48 1615-1745 Room H1 Practising human ecology: a round table discussion on moving ideas into action**

*Chairman: Rob Dyball (Australian National University, Canberra, Australia)*

"Intending participants are encouraged to send their email contacts to Rob at [rob.dyball@anu.edu.au](mailto:rob.dyball@anu.edu.au) in order to participate in some pre-conference exchange of ideas".

**#49 1615-1745 Room H2 Applied human ecology**

*Chairman: Ken Cline (College of the Atlantic, Bar Harbor, Maine, USA) (Chair)*

Co-presenters: Ken Cline, Isabel Mancinelli, Samantha Haskell, Jay Friedlander and Richard Borden (College of the Atlantic, Bar Harbor, Maine, USA)

*College-community collaboration as a model for applied human ecology*

Irma Marilú Cardoz Dzul (Universidad Autónoma de Yucatán) and María Dolores Viga de Alva (Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional, Unidad-Mérida)  
*Environmental Problems of the Industry in Merida and the Capacity of Environmental Educators to Present Alternatives of Solution*

**1615-1745 Room F1 German Society for Human Ecology Annual Business Meeting (continued)**

**#50 1615-1745 Lecture Theatre C2 Vulnerable societies: facing the violence of nature**

*Chairman: Simron Singh (IFF - Social Ecology, Vienna, Austria)*

**Simron Singh (IFF - Social Ecology, Vienna, Austria)**

**The human ecology of complex disasters: Nicobar Islands in the aftermath of the tsunami.**

**1900-late Yang Sing Restaurant Conference Dinner**

(for those who have booked in advance: admission by ticket only)

at 34 Princess Street in the city centre

consult: [www.yang-sing.com](http://www.yang-sing.com)

## Thursday 2<sup>nd</sup> July

### **#51 0900-1030 Room G1 Ecology in thought and action: philosophy and human ecology**

*Chair: William Throop (Green Mountain College - USA)*

William Throop (Vice President for Academic Affairs, Green Mountain College, Poultney, VT USA)  
*Strengthening social sustainability*

Patricia Honea-Fleming (Licensed Psychologist - USA)  
*Fractals, feelings and faithfulness*

Richard Borden (College of the Atlantic - USA)  
*Metaphors of change: the ecology of figurative language*

Valerie A. Brown AO, PhD (Human Ecology Program, Australian National University)  
*The transdisciplinary imagination: integrated inquiry towards a sustainable future*

### **#52 0900-1030 Room G2 Urban food provision**

*Convenor: Peter Chatalos (Commonwealth Human Ecology Council (CHEC))*

Crispin Hayes (Centre for Human Ecology, Scotland)  
*The role of communities in reviving traditional orchards: a case study of localisation*

Susan Kutiwa, Emmanuel Boon and Dimitri Devuyt (Vrije Universiteit Brussel)  
*The contribution of urban agriculture to combating the negative impacts of food crises in Zimbabwe*

Deborah J Smith (Michigan State University), Mary Sabaj (Director), James Webster (Consultant, Ingham County Community Corrections) and Randy Bell (Director, Ingham County/MSU Extension)  
*From gavel to garden: An idea well planted*

Shashi Kumar (Institute of Home Economics, Delhi, India)  
*To roll down with nature for ecology and the environment*

### **#53 0900-1030 Room H1 Global village interactive session**

*An opportunity for an informal discussion on any theme emerging during the conference.*

### **#54 0900-1030 Room H2 Psycho-social explorations of environmental issues**

*Chairman: José Palma Oliveira (University of Lisbon, Portugal)*

Sílvia Luís, Ana Cristina Neves, José Palma Oliveira (University of Lisbon, Portugal) and Fátima Bernardo (University of Évora, Portugal)  
Assessing and managing psychosocial environmental impact

Vera Soeiro, João Carvalho, Mariana Vieira, José Palma Oliveira (University of Lisbon, Portugal)  
*The role of psychosocial factors in the choice of a place to live: exploring the moderator roles of place identities, attractiveness and risk perceptions in Lisbon's Metropolitan Area*

Melinda S. Merrick (Ball State University, USA) and Joanne Vining (University of Illinois at Urbana-Champaign, USA)  
*Environmental epiphanies: exploring the shifts in Human-Nature interactions.*

Lia Ruttan (University of Alberta, Canada)  
*Locating homelessness: ecological concepts used by street youth in urban spaces.*

## **#55 0900-1030 Room F1 Fisheries management**

*Chairman: Nicholas Watts (Commonwealth Human Ecology Council (CHEC))*

Nicholas Watts (Commonwealth Human Ecology Council and London Metropolitan University)  
*Fisherfolk livelihoods in Belize, Fiji, Sierra Leone and South Africa: co-management of small-scale inshore fisheries in Commonwealth countries:*

Richard Bourne (Commonwealth Policy Studies Unit)  
*Key issues emerging from regional study tours of the Commonwealth Fisheries Programme in the Indian Ocean, South Pacific and the Caribbean.*

Karl Bruckmeier (Göteborg University)  
*Swedish fisheries and coastal communities: resilience and sustainable resource management*

Andrew Baio and Andy Thorpe (Portsmouth Business School, University of Portsmouth, UK)  
*'Who feels it knows it': a choice experimental elicitation of vulnerability: factors in the artisanal fisheries of Sierra Leone*

## **#56 0900-1030 Lecture Theatre C2 Urban greenspace and safe, secure, cohesive communities (**

*Facilitated by Pete Frost (CCW Wales) for the UK MAB Urban Forum*

### **Keynote theme address**

Gerald Dawe (Chairman, UK MAB Urban Forum)  
*Urban street trees: the fight with the built environment and development-dominated concerns, and consequences for communities*

Ambra Burls (Anglia Ruskin University – Cambridge and Chelmsford) and David Scoffield (Kensington and Chelsea MIND – Meanwhile Wildlife Garden)  
*From disability to embracement: personal journeys of community engagement and stewardship of urban green spaces.*

Kalyani Chatterjea (National Institute of Education, Nanyang Technological University, Singapore)  
*Pressures of recreation and sustainable management of urban forest: Bukit Timah Nature Reserve, Singapore*

Aleksandra Kazmierczak and Philip James (University of Salford)  
*Social inclusion, community cohesion and urban green spaces in Greater Manchester*

## **1030-1045 Poster Session and Coffee**

### **1045-1130 Keynote Address Peter Head,**

*Head of Planning and Integrated Urbanism at Arup (responsible for the Dongtan development):  
Ecocities*

## **#57 1130-1245 Room G1 Philosophy/Human Ecology (Continued)**

*Chairman: Bill Throop*

John Schooneveldt (Australian National University, Canberra, Australia)  
*Scientific metaphors: a contextual approach*

Brendan Connolly (Ireland)  
*Human ecology - a specialization within animal ecology.*

Justin Carter (Glasgow School of Art, Department of Sculpture and Environmental Art, UK)  
*Art and ecology – future thinking in an age of climate change*

**#58 1130-1245 Room G2 Urban food provision (continued)**

*Convenor: Peter Chatalos (Commonwealth Human Ecology Council (CHEC))*

Pam Warhurst (Natural England)

*Incredible, edible Todmorden*

João Manuel Bernardo (Universidade de Évora, Portugal) Ângela Ferreira (Universidade de Lisboa) and, Gonçalo Ribeiro Telles (Universidade de Évora)

*Urban Agriculture in Lisbon, Portugal: types, actors and their motivations*

Fiona Marshall, (SPRU, University of Sussex, Brighton, UK)

*Peri-urban agriculture in India: the price of indifference*

Maurizio G. Paoletti (Dipartimento di Biologia, Università di Padova, Italy)

*Using wild biodiversity as human food. Cases and strategies from Amazon and the Mediterranean region.*

**#59 1130-1245 Room H1 Challenges of the megacities**

*Convenor: Gary Haq (York University, UK)*

Dietrich Schwela (Senior Research Associate, Stockholm Environment Institute, University of York, UK)

*The challenge of health and poverty in major and mega cities in Asia and Africa*

Gary Haq (Senior Research Associate, Stockholm Environment Institute, University of York, UK)

*The challenge of environmental management in major and mega cities in Asia and Africa*

John Whitelegg (Senior Research Associate, Stockholm Environment Institute, University of York, UK)

*The challenge of mobility, accessibility and equity in major and mega cities in Asia and Africa*

**#60 1130-1245 Room H2 Undesignated roundtable session**

**Room available for an informal or ad hoc meeting**

**#61 1130-1245 Room F1 Fisheries management (continued)**

*Chairman: Nicholas Watts (Commonwealth Human Ecology Council (CHEC))*

Meriel Brooks (Green Mountain College, Poultney, VT, USA)

*Drift pattern of larval fish in the Poultney River*

Karma Norman (NOAA Fisheries, USA) and Ariana Pitchon (Department of Anthropology, California State-Dominguez Hills, USA)

*United States fishery resources and overlooked communities in an urban context: pier angling in Los Angeles County, CA*

**#62 1130-1245 Lecture Theatre C2 Urban greenspace and safe, secure, cohesive communities (continued)**

*Facilitator: Pete Frost*

Kai Yin, Sheng-hui Cui, Qian-jun Zhao, Long-yu Shi, and Tao Lin (Institute of Urban Environment, Chinese Academy of Sciences, Xiamen, China)

*Using PCA and DCA methods to detect the effect of Human-induced disturbance on understory plant diversity pattern in urban forest, Xiamen, China*

Cara Marie DiEnno (Human Dimensions of Natural Resources, Colorado State University, USA)  
*Social capital and community-based ecological restoration in an urban setting.*

Rik De Vreese and Luc Hens (Human Ecology Department, Vrije Universiteit Brussel, Belgium)  
*Evaluating policies, plans and programmes for urban and peri-urban green areas in developing countries*

James Musinguzi, (Uganda Wildlife Education Centre, Faculty of Science, Mbarara University of Science and Technology, Uganda)  
*Youths and community volunteerism towards achievement of environmental sustainability*

## **1245-1345 Poster Session and Lunch**

### **#63 1345-1545 Room G1 Theory/method in Human Ecology: Interdisciplinarity in action.**

*Convenor: Jessika Graham (Göteborg University, Sweden)*

Jessika Graham (School of Global Studies Gothenburg University)  
*Human being - a social construction of meaning and matter: Steps to an ecology integrating human body and mind*

Liesa Nestmann (German Society for Human Ecology)  
*Thresholds and the threshold effect in human ecology*

João Manuel Bernardo (Universidade de Évora, Portugal)  
*Nature and ideology contemporary myths, ecologisms, neo-pantheism*

### **#64 1345-1545 Room G2 The future of human ecology**

*Convenor: Luc Hens (Human Ecology, Vrije Universiteit Brussel, Belgium)*

Luc Hens and Charles Susanne (Vrije Universiteit Brussel, Belgium)  
*Quo vadis human ecology? An analysis of its basic characteristics*

Gerald L. Young (Bainbridge Island, WA, USA)  
*Keeping track of oneself in an increasingly complex world: outlier concepts as tools of change.*

Alistair McIntosh (Centre for Human Ecology and University of Strathclyde, Glasgow, UK)  
*Towards a pre-modern communitarian human ecology curriculum*  
*If it's not serving the poor and the broken in nature, it's not authentic human ecology*

M. Gibert (Université Paul Sabatier, Toulouse, France)  
*Biological anthropology: understanding complexity*

Philippe Lefevre-Witier M.D., Ph.D. (France)  
*Human ecology: a present-day gift for a better future for humanity*

Iva Miranda Pires (Faculdade Ciências Sociais e Humanas, Universidade Nova de Lisboa, Portugal)  
*Training programmes and the future of human ecology in Europe (Postgraduate education in human ecology in Europe)*

Yves Lignereux, (National Veterinary School, Toulouse, France)  
*The role of a natural history museum in sensibilising to human ecology. The project of the Natural History Museum of Toulouse.*

**#65 1345-1545 Room H1 Gender: a regulation category in an urbanizing world?**

*Joint Chairs: Angela Franz-Balsen and Parto Teherani-Krönner (German Society on for Human Ecology)*

Merritt Polk (University of Göteborg, Sweden)

*Gender perspectives in human ecological research: sustainable transportation and gender mainstreaming, in practice and in theory*

Irmgard Schultz (ISOE, Frankfurt am Main, Germany)

*Gender as a political, regulatory category in urban planning*

Parto Teherani (Humboldt University, Berlin, Germany)

*Engendered spaces - public transportation in the megacity of Teheran*

**#66 1345-1545 Room H2 Literature, the humanities and human Ecology: Does Postmodernism Need to Merge with Ecology?**

*Chairperson: Vernon Gras (George Mason University, USA)*

Ulf Schulenberg (University of Bremen, Germany)

*Bridging the Gap? Postmodernism, Science and the Two Cultures.*

Timo Mueller (University of Augsburg, Germany)

*Inside and Outside the Text: Cultural Ecology in Between Poststructuralism and Ecology*

Vernon Gras (George Mason University, USA)

*Yes, for Three Reasons: 1) Postmodern standpoint epistemologies have led to disaster; 2) Complexity science no longer supports the two culture opposition; 3) Ecology can provide a believable wider narrative to replace unbelievable supernaturalism.*

**#67 1345-1545 Room F1 Water Management and Society**

*Caryll Stephen (Foundation for Water Research, UK)*

Mr Neil Tytler (Foundation for Water Research)

*The global implications of the EU Water Framework Directive*

Fiona Marshall (SPRU, University of Sussex, Brighton, UK) Pritpal Randhawa, Lyla Mehta, Hayley Macgregor and Linda Waldman (Institute of Development Studies, University of Sussex, UK) and Dipu Sharan (Sarai, New Delhi, India)

*Pathways to Sustainable water management in south Asian cities.*

Iain White (School of Environment and Development, University of Manchester, UK)

*The Absorbent City: Urban Form and Flood Risk Management*

**#68 1345-1545 Lecture Theatre C2 Urban greenspace and safe, secure, cohesive communities (continued)**

*Facilitator: Pete Frost*

Helen Barber (Aston University, UK)

*Obstacles and solutions to maximising biodiversity in major urban development schemes.*

Wan-Yu Shih (CURE, University of Manchester, UK)

*A Social Value Index to Assist in Sociotope Mapping of Urban Green Space Planning*

Konstantinos Tzoulas and Philip James (University of Salford, UK)

*Linking Social and Human Systems to Promote Safe, Secure and Cohesive Communities in Urban Areas: An Integrative Conceptual Framework*

1545-1615 Tea

**#69 1615-1715 Lecture Theatre C2 Closing Plenary Session:  
SHE Awards Presentation including the Gerald L. Young SHE Book Awards for  
2009 and student paper and poster awards.**

*Rapporteur's Summary:* Ian Douglas

**1715-1815 Lecture Theatre C2 SHE Business Meeting**

### **July 3<sup>rd</sup>: Final Day Activities**

**The following field visits have been arranged and places have been booked.  
There are still places on the two walking tours, but the minibus to the Peak  
District is almost full. Please enquire about the trips at registration on June 29th**

#### **A. Tours in the Manchester Urban Area**

0900-1100 Walking tour City Centre canals (2 hours) (Free)

1100-1300 Walking Tour (after short tram ride) Salford Quays (2 hours) (Participants  
will have to buy tram rickets)

**B. A full-day tour of the Peak District National Park**, including a visit to the Spa  
Town of Buxton, Chatsworth House and the limestone scenery of the White Peak  
(A charge will be made for minibus or coach hire and for admission to Chatsworth  
House)



# **International Conference on Human Ecology, Manchester, UK, June 29<sup>th</sup> to July 3<sup>rd</sup> 2009**

## **INTERNATIONAL ADVISORY COMMITTEE**

Professor Rusong Wang (Chinese Academy of Sciences and Ecological Society of China)

Professor Karl Bruckmeier, (Institute for Global Studies, University of Göteborg)

Professor Luc Hens (Department of Human Ecology, Vrije Universiteit, Brussel)

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Professor H.S. Sharma (University of Rajasthan and CHEC-India)

### ***Ex Officio:***

Richard Borden (Executive Director, Society for Human Ecology)

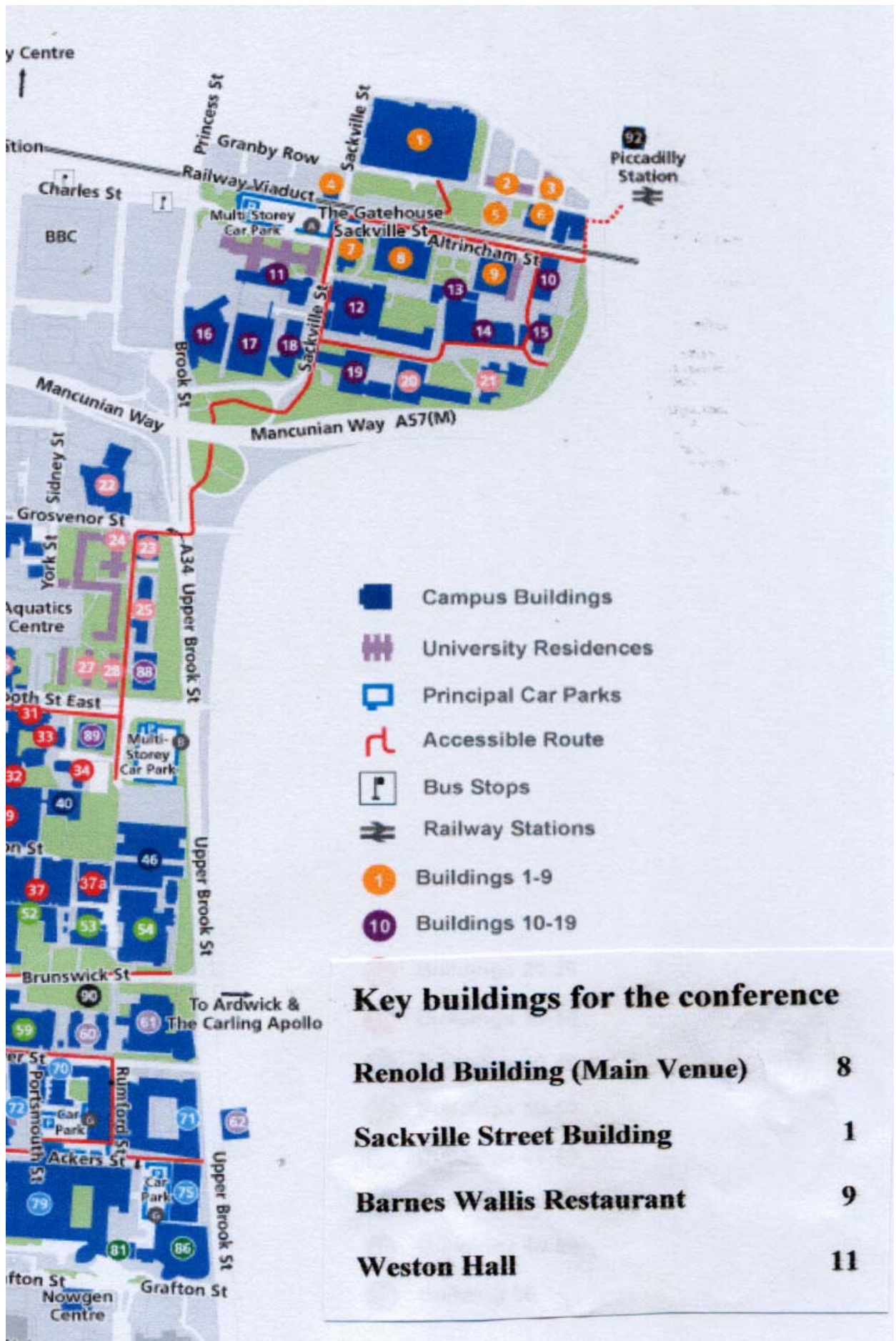
Zena Daysh, CNZM (Executive Vice-Chair, Commonwealth Human Ecology Council)

Eva Ekehorn (Co-convener)

Ian Douglas (Co-convener)

### ***Administrative and logistical assistance***

The Committee thanks Ms Debra Whitehead and Mr. Nigel Lawson of the University of Manchester, School of Environment and Development for their unstinting support in making the conference possible



Conference Co-Sponsors

*The Co-operative Group*

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