

XIX International Conference of the Society for Human Ecology



jointly with

**IV International Conference on
Sustainability Science in Asia**



Decisions that Work:

Linking Sustainability,
Environmental Responsibility
and Human Well-being



February 4-8, 2013
The Australian National University
Canberra, Australia



**Australian
National
University**

Sponsors

The board and members of the Society for Human Ecology gratefully acknowledge the support and cooperation of:



**Australian
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***The Australian National University (ANU)
Fenner School of Environment and Society***



***Commonwealth Human Ecology Council
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Australian Government

**Department of Sustainability, Environment,
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***Melbourne Sustainable Society Institute
(MSSI)***



IHDP

**International Human Dimensions Programme
on Global Environmental Change**

***International Human Dimensions
Programme on Global Environmental
Change***



German Society for Human Ecology

General Information

Conference Venue

The Australian National University (ANU) is situated in a beautiful, tree-dense campus on the edge of the Canberra's central business district. It was created by an act of the Federal Australian Parliament in 1946, with the aim of advancing Australia's store of knowledge, its national identity and its place in the world.

The Conference is being held in a number of buildings across the ANU Campus. The plenary sessions will all be in Robertson Theatre and concurrent sessions and workshops will be held in the Fenner School of Environment & Society. The Art Gallery Opening and showing of the Hong Kong Project will be held at the ANU School of Art Gallery and the Conference Dinner will be held at University House. *Please refer to map on back page.*

Catering

Your registration includes morning and afternoon teas and lunches. Dietary requirements noted on your registration form have been passed on to catering staff. Please visit the Registration Desk if you have not registered your dietary requirements.

Registration location and hours

The registration desk will be located on the ground floor foyer of the Forestry Building and will be open as follows:

Tuesday 5 February	1100 - 1930
Wednesday 6 February	0730 - 1730
Thursday 7 February	0730 - 1730
Friday 8 February	0730 - 1730

Registration for SHE XIX also includes the opportunity to attend the ICSS-Asia Conference. The ICSS Conference will be held on Wednesday and Thursday within the concurrent streams. Speakers have been specially invited to present at this conference and the timings of the presentations are different to the SHE XIX Conference.

Taxi Phone Numbers

Canberra Elite	13 22 27
Cabxpress	02 6260 6011

Journal support

All presenters are invited to submit their papers to one of our supporting journals.

The Human Ecology Review (HER) –The Journal publishes peer-reviewed research and theory on the interaction between humans and the environment and other links between culture and nature (Research in Human Ecology), essays and applications relevant to human ecology.

Solutions – Solutions is a non-profit print and online publication devoted to showcasing bold and innovative ideas for solving the world's integrated ecological, social, and economic problems.

Fusion – Fusion is an international, online scholarly journal for the communication, creative industries and media arts disciplines.

EcoHealth – EcoHealth is the official journal of International Association for Ecology and Health.

Program Overview

Monday, February 4

2.00pm – 5.00pm – Student Pecha-Kucha Workshop: Sustaining People and Places , F101

Tuesday, February 5

1.00pm-2.55pm	<p>Workshops</p> <p>Incorporating human well-being into sustainability planning F103</p> <p>Human Ecology and Social Change F102</p> <p>What’s in it for them? Design sustainability projects that integrate the motivations for your targeted participants F108</p> <p>Participatory mapping for social change and environmental management Fenner Seminar</p> <p>Reinventing the future: the radical human ecology dialogues of communities in action F101</p>	
3.00pm-3.45pm	<p>Conference Opening and Welcome Addresses Robertson Theatre</p> <p>Rob Dyball, Conference Convenor, The Australian National University</p> <p>Ian Young, Vice Chancellor, The Australian National University</p> <p>Steve Dovers, Director, Fenner School of Environment and Society</p> <p>Paul Grimes, Secretary, Department of Sustainability, Environment, Water Population and Communities</p> <p>Kazuhiko Takeuchi, Senior Vice-Rector, United National University Institute for Sustainability and Peace / Director, Integrated Research System for Sustainability Science, University of Tokyo, Japan</p>	
3.45pm-5.20pm	<p>Opening plenary – Designing the Future</p> <p>Steve Dovers, Director, Fenner School of Environment and Society</p> <p>Darron Collins, President, College of the Atlantic</p> <p>Stephen Boyden, Founder, The Australian National University Human Ecology Program</p> <p>Kazuhiko Takeuchi, Senior Vice-Rector, United National University Institute for Sustainability and Peace / Director, Integrated Research System for Sustainability Science, the University of Tokyo, Japan</p> <p>Pecha-Kucha presentations – Geoff Kershaw, Dalhousie University and Sophia Christoe, The Australian National University</p>	
5.30pm-7.30pm	<p>Welcome Reception</p>	Foyer, Forestry Building

Wednesday February 6

9.05am-10.45am	Plenary 2 – Global Food Security & Urban Vulnerability <i>Will Steffen</i> , The Australian National University <i>Thomas Elmqvist</i> , Stockholm Resilience Centre, Sweden <i>Xuemei Bai</i> , Human Ecology Program, The Australian National University <i>Hiroshi Komiyama</i> , President Emeritus, University of Tokyo Commentary and discussion led by Will Steffen	Robertson Theatre
10.45am-11.15am	Morning Tea	Foyer, Forestry Building
11.15am-12.45pm	Concurrent Session 1 <i>ICSS-Asia Symposium 1 - Climate Change in Oceania Region</i> <i>SHE Symposium - Psychological perspectives on promoting pro-environmental behaviour</i> <i>SHE Symposium - Linking Environment and Society</i> <i>SHE Symposium - Co-management, local ecological knowledge and conservation of aquatic resources: practical solutions and future challenges</i> <i>SHE Symposium - Nature and Mind: Revisited</i> <i>SHE Session - Arts and design for sustainability</i>	Forestry Theatre F101 F102 F108 Fenner Seminar F103
12.45pm-1.45pm	Lunch	Foyer, Forestry Building
1.45pm-3.15pm	Concurrent Session 2 <i>ICSS-Asia Symposium 2 - Water management related to sustainability, environmental responsibility and human well-being</i> <i>SHE Symposium - Implementing Landscape Scale Conservation: Institutional approaches to support conservation across scales, tenures and jurisdictions</i> <i>SHE Symposium - How does water scarcity in the Murray-Darling Basin affect wellbeing?</i> <i>SHE Symposium – Achieving sustainable agriculture</i> <i>SHE Symposium - Reflections on Responsibility, Fairness and Justice: Where are we headed; who decides and how?</i> <i>Workshop - Good ideas that go somewhere: aligning the disciplines from imagination to action</i>	Forestry Theatre Fenner Seminar F103 F101 F102 F108
3.15pm-3.45pm	Afternoon tea	Foyer, Forestry Building
3.45pm-5.15pm	Concurrent Session 3 <i>ICSS-Asia Symposium 3 - Building a sustainable and resilient society through revitalizing nature harmonious society</i>	Forestry Theatre

	<i>Workshop</i> - Ecology, Health & Human Ecology: the way of the future?	F102
	<i>Roundtable</i> - New Directions in Human Ecology Higher Education - Core concepts and curricula in Human Ecology	F103
	<i>Workshop</i> - Partnerships with plants: interdisciplinary perspectives and discussion	F108
	<i>Workshop</i> - Escaping the Complexity Dilemma: A Practical System-Analysis	F101
	<i>Workshop</i> - Embedding agro ecology in Higher education curriculum: experiences from Venezuela	Fenner Seminar
5.30pm-8.30pm	Viewing of the Human Ecology art show “Biting the Carpet – food security and the lay of the land” curated by John Reid, the ANU School of Art Gallery. Followed by viewing of “The Hong Kong Project” and Q&A with Stephen Boyden (optional)	ANU School of Art Gallery

Thursday, February 7

9.05am-10.45am	<p>Plenary 3 – Co-benefits of actions to promote human health and wellbeing Tony Capon, University of Canberra</p> <p>Tony McMichael, National Centre for Epidemiology & Population Health, The Australian National University</p> <p>Kazuhiko Moji, Research Institute for Humanity & Nature, Kyoto, Japan</p> <p>Roderick Lawrence, Human Ecology Program, University of Geneva</p> <p>Commentary and discussion led by Tony Capon</p>	Robertson Theatre
10.45am-11.15am	Morning Tea	Foyer, Forestry Building
11.15am-12.45pm	<p>Concurrent Session 4 <i>ICSS-Asia Symposium 4</i> - Human activity, climate change and emerging health issues</p> <p><i>SHE Symposium</i> - Climate change migration: vested interests, ethical 'blindspots' and the future policy landscape</p> <p><i>SHE Symposium</i> - Landscape Values Mapping and Participatory GIS: Socio-spatial data for natural resource planning and management</p> <p><i>SHE Symposium</i> - Feeding People and/or Sustaining Places? Human ecological approaches to researching food systems.</p>	<p>Forestry Theatre</p> <p>F102</p> <p>F101</p> <p>F103</p>
4	<i>SHE Symposium</i> - Think globally - Acting locally: Why the Slogan Fails.	Fenner Seminar

	<i>SHE Session: Food security and local production</i>	F108
12.45pm-1.45pm	Lunch	Foyer, Forestry Building
1.45pm-3.15pm	Concurrent Session 5 <i>ICSS-Asia Symposium 5 - Sustainability education based on practical and concrete cases</i>	Forestry Theatre
	<i>SHE Symposium - The Aesthetic Link</i>	Fenner Seminar
	<i>SHE Symposium - Sharing Responsibility</i>	F102
	<i>Roundtable - Micro-enterprise for Women in South Pacific for Climate Projects</i>	F103
	<i>SHE Session - Climate Change Adaptation</i>	F101
	<i>SHE Session - Transformative Learning</i>	F108
3.15pm-3.45pm	Afternoon Tea	Foyer, Forestry Building
3.45pm-5.15pm	Concurrent Session 6 <i>SHE Session - Behavioural Change</i>	Forestry Theatre
	<i>SHE Symposium - Sustainable Consumption, Sustainable Selves</i>	Fenner Seminar
	<i>SHE Symposium - Reinventing the Future: Education for Human Ecology</i>	F101
	<i>SHE Symposium - Addressing Urban Health Challenges</i>	F102
	<i>Workshop - Transforming Politics & Economics for Human Survival</i>	F108
	<i>Workshop - Core capacities for adaptive governance: exploring an emerging research agenda</i>	F103
7.00pm-11.00pm	Conference Dinner	University House

Friday, February 8

9.05am-10.45am	Plenary 4 – Individual and Institutional Responsibility for Change <i>Rich Borden</i> , College of the Atlantic <i>Yolanda Kakabadse</i> , President, World Wildlife Fund for Nature International <i>Robert Costanza</i> , Crawford School, The Australian National University <i>Sasha Courville</i> , Independent Consultant <i>Charles Redman</i> , Arizona State University School of Sustainability Commentary and discussion led by Rich Borden	Robertson Theatre
10.45am-11.15am	Morning Tea	Foyer, Forestry Building

11.15am-12.45pm	Concurrent Session 7	
	<i>SHE Session - Education for Sustainability</i>	Fenner Seminar
	<i>SHE Session - Carbon Sequestration</i>	F103
	<i>SHE Session - Community Engagement</i>	F101
	<i>SHE Session - Stakeholder and participation</i>	F108
	<i>SHE Symposium - Sustainable Cities and Ecocity Development</i>	Forestry Theatre
	<i>SHE Symposium - Tackling wicked problems</i>	F102
12.45pm-1.45pm	Lunch	Foyer, Forestry Building
1.45pm-3.15pm	Concurrent Session 8	
	<i>SHE Session - Responding to environmental crises</i>	Fenner Seminar
	<i>SHE Session - Healthy people and places</i>	F103
	<i>SHE Session - Economic Dimensions of sustainability</i>	F108
	<i>SHE Session - Sustainable fishing communities</i>	F101
	<i>SHE Session - Urban metabolism</i>	Forestry Theatre
	<i>Workshop – Creative processes as tools for decision making</i>	F102
3.15pm-3.45pm	Afternoon tea	Foyer, Forestry Building
3.45pm-5.15pm	Closing plenary	
	Ken Hill , SHE Managing Director, College of the Atlantic	Robertson Theatre
	Pecha Kucha presentations	
	Gerald Young Book Award	
	Conference awards to best student presentations	
	Rob Dyball , Fenner School of Environment and Society, The Australian National University	

Plenary Speakers



Xuemei Bai is a Professor of Urban Environment and Human Ecology at the Fenner School of Environment and Society, The Australian National University. Her work focuses on urbanization and the environment, including drivers and impacts of urbanization, urban system function and processes, urban environmental governance, cities and climate change, and innovative urban practices and urban sustainability transition, mostly in Asian cities. She

has been playing an active role in several international scientific initiatives, and is the Vice Chair of the Scientific Committee of the International Human Dimensional Program for Global Environmental Change (IHDP).



Stephen Boyden qualified in Veterinary Science at London University in 1947 and practised as a veterinarian for a short time. From 1949 to 1965 he carried out research in immunology in Cambridge (UK), New York, Paris, Copenhagen and Canberra. From 1965 until his retirement at the end of 1990 he developed human ecology and biohistory at The Australian National University. In the 1970s he initiated and was Director of the Hong Kong Human Ecology Program – the first comprehensive attempt to study the ecology of a city. In 1973 he introduced the first undergraduate courses in Human Ecology at ANU. Since

retirement Boyden has been involved in the establishment and activities of the *Nature and Society Forum (NSF)* – a community-based organization committed to improving understanding, across the community, of the processes of life and human and ecological health. He is convener of NSF's Biosensitive Futures Program (www.natsoc.org.au/biosensitivefutures).



Darron Collins is a second-generation IrishAmerican and the first in his family to graduate from college. His grandmother, Josie Collins, lived in rural Roscommon and once commented on the photographs Darron brought home from Guatemala: “Those thatch roof homes remind me of my own childhood.” Darron grew up in New Jersey where his mother Dee Sadauskas encouraged his curiosity with nature. He developed a passion for rivers as a COA student and as a Watson Fellow from 1992 to 1993. His Watson adventures brought him to the headwaters of the Bio-Bio and Amazon rivers where he kindled an interest in

indigenous Americans. That interest, some luck and a generous grant brought him to Tulane University in New Orleans where Darron received a PhD in anthropology. Darron also fell in love with his wife Karen there. The two “honeymooned” in Guatemala doing fieldwork among the Q’eqchi’-Maya where they were affectionately known as Jose and Karina. Darron then began work at World Wildlife Fund where he designed, implemented and raised funds for conservation programs throughout Latin America and in the Russian Far East, northeast China and Mongolia. During that time Darron and Karen brought Maggie and Molly into the world. They are the light of their lives. Darron came home to COA on July 15, 2011 and the family is now happily settled in Bar Harbor.



Robert Costanza is Professor and Chair in Public Policy at the Crawford School of Public Policy at The Australian National University. Prior to this, he was Distinguished University Professor of Sustainability, at the Institute for Sustainable Solutions at Portland State University (PSU). Before moving to PSU in Sept. 2010, he was the Gund Professor of Ecological Economics and founding director of the Gund Institute for Ecological Economics at the University of Vermont (www.uvm.edu/giee). Before Vermont, he was on the faculty at Maryland and LSU,

a visiting scientist at the Beijer Institute in Sweden, and at the Illinois Natural History Survey. Dr. Costanza is also currently a Senior Fellow at the National Council on Science and the Environment, Washington, DC, and a

Senior Fellow at the Stockholm Resilience Center, Stockholm, Sweden, and an Affiliate Fellow at the Gund Institute for Ecological Economics at the University of Vermont. Dr. Costanza's transdisciplinary research integrates the study of humans and the rest of nature to address research, policy and management issues at multiple time and space scales, from small watersheds to the global system. Dr. Costanza is co-founder and past-president of the International Society for Ecological Economics, and was chief editor of the society's journal, *Ecological Economics* from its inception in 1989 until 2002. He is founding co-editor (with Karin Limburg and Ida Kubiszewski) of *Reviews in Ecological Economics*. He currently serves on the editorial board of ten other international academic journals. He is also founding editor in chief of *Solutions* (www.thesolutionsjournal.org) a unique hybrid academic/popular journal.



Sasha Courville is a global expert in market-based sustainability tools and standards. She recently stepped down as Executive Director of the London-based ISEAL Alliance, the global association for sustainability standards and certification systems. ISEAL's members include Fairtrade, the Marine Stewardship Council and the FSC, among others. Prior to her time at ISEAL, she was a Research Fellow at the Regulatory Institutions Network, ANU, focusing on measuring impacts of sustainability standards and the exploring the interface between voluntary initiatives and regulatory frameworks for sustainable development. She also designed and led a Greening of Business Masters level course at the ANU. Sasha was a co-founder of the Fair Trade Association ANZ and was responsible for bringing the Fairtrade label to Australia. Sasha has a PhD from the ANU, an MSc from the London School of Economics and a Bachelor of Environmental Studies from York University in Canada. Sasha is currently based in Melbourne and provides advisory services on next generation standards and sustainability tools for sustainable value chains as well as working part-time in a strategy role at the National Australia Bank on exploring how natural value considerations can be incorporated into the Group's activities in line with the Natural Capital Declaration.



Thomas Elmqvist, PhD, is a professor in Natural Resource Management at Stockholm University. His research is focused on ecosystem services, land use change, natural disturbances and components of resilience including the role of social institutions. He is coordinating a major interdisciplinary research themes as part of the Stockholm Resilience Centre (www.stockholmresilience.su.se) at Stockholm University, focussing on governance and management of ecosystem services in urban landscapes, involving 12 cities around the world. He was involved in the Millennium Ecosystem Assessment and principal investigator of several multidisciplinary projects in Africa. He serves as associated editor for the journals *Ecology and Society*, *Conservation and Society*, *Ambio* and *Sustainability Science*. He is currently a co-chair of the Science Committee bioSustainability, as part of *Diversitas* and participated in the Economics of Ecosystems and Biodiversity project (www.teebweb.org).



Yolanda Kakabadse is World Wildlife Fund for Nature's International President and the former Ecuadorian Minister of Environment. President Kakabadse's work with the environmental conservation movement officially began in 1979, when she was appointed Executive Director of Fundación Natura in Quito, where she worked until 1990. During this time she helped Fundación Natura become one of Latin America's most important environmental organizations and, in 1993, she created Fundación Futuro Latinoamericano, an organization dedicated to promote the sustainable development of Latin America through conflict prevention and management. She was its Executive President until 2006 and remains as Chair of the Advisory Board. From 1990 until 1992, Yolanda Kakabadse coordinated the participation of civil society organizations for the United Nations Conference for Environment and Development (Earth Summit) in Geneva. From 1996 to 2004 she was President of the World Conservation Union (IUCN), and Member of the Board of the World Resources Institute (WRI) during the same period. In August 1998 Yolanda was appointed Minister

of Environment for the Republic of Ecuador, a position she held until January 2000. During 2001 she was a visiting professor at Yale's School of Forestry and Environment, USA She co-Chaired the Environmental Sustainability Task Force of the UN Millennium Project, 2002 – 2005. She chaired the Scientific and Technology Advisory Panel of the Global Environment Facility (STAP / GEF) from 2005 to 2008. Yolanda took office as WWF's International President on 1st January 2010.



Hiroshi Komiyama is a prominent academic and leading authority on global sustainability. He is President Emeritus of the University of Tokyo and Chairman of the Institute of Mitsubishi Research Institute, Inc. Most recently, he founded in December 2010 the Platinum Network. It grew out of his influential 1999 book published in Japanese, Chinese and English (*Vision 2050*, Springer/200). It describes a plan for global sustainability based on a growth strategy that he calls the "Platinum Society". It is a vision for a 21st century that is characterized by: 1) ecological values, (2) participation by all, including seniors, (3) lifelong growth, (4) abundant job opportunities, (5) a bright, shining sustainable society, and (6) created by green, silver, gold and various innovations. The Platinum Network has attracted more than 100 local governments and 40 enterprises as members. His concept is the foundation of environmental policy for the present Japanese Government.



Kazuhiko Takeuchi is Vice-Rector of United Nations University and Director of United Nations University Institute for Sustainability and Peace (UNU-ISP), Director and Professor of the Integrated Research System for Sustainability Science (IR3S) at the University of Tokyo. He has served, inter alia, as a member of the Central Environment Council, and a member of the Food, Agriculture and Rural Area Policies Council, Government of Japan, Editor-in-Chief of the journal *Sustainability Science* (Springer). Educated and trained as a geographer and landscape ecologist at the University of Tokyo, he engages in research and education on creating eco-friendly environments for a harmonious coexistence of people and nature, especially focusing on Asia and Africa. He leads the Satoyama Initiative as well as climate/ecosystem change research in Asia and Africa. His recent publications include *Satoyama-Satoumi Ecosystems and Human Well-being: Socio-Ecological Production Landscape of Japan* (co-edited, UNU Press, 2012), *Sustainability Science: A Multidisciplinary Approach* (co-edited, United Nations University, 2011). *Rebuilding the relationship between people and nature: The Satoyama Initiative*. (*Ecological Research*, 25, 891-897, 2010).



Tony (AJ) McMichael is Professor of Population Health at the ANU. Over the past decade he has developed and led the research program on the health risks of climate and environmental changes. He is an elected member of the US National Academies of Science, Associate Fellow of Chatham House (Global Health Security), and Honorary Professor of Climate Change and Health at the University of Copenhagen. He has contributed substantively to scientific assessments by the Intergovernmental Panel on Climate Change (IPCC) and in the Millennium Ecosystem Assessment. He advises WHO on climate change risks to health and chairs an expert group for the Tropical Diseases Research Program on the interactions between environment, climate, agriculture and poverty in the emergence of infectious diseases. Tony McMichael has published diverse papers and book chapters, and authored three books (Cambridge University Press). He is struggling to complete an historical analysis of climate change and human health: *When Climates Change: Famines, Fevers and Fates of Populations*.



Kazuhiko Moji has been the project leader of the RIHN Ecohealth Project

"Environmental Change and Infectious Disease in Tropical Asia" since 2008 at the Research Institute for Humanity and Nature (RIHN), Kyoto, Japan. He is the Director of the RIHN Resource Program. His team have carried out researches mainly in Laos, Vietnam, Yunnan-China, and Bangladesh. He received his MA (1978) and Ph.D. (1987) in Health Sciences at the University of Tokyo. He was Research Associate at the Department of Human Ecology at the University of Tokyo, Associate Professor in the Department of Public Health, and Professor at the Research Centre for Tropical Infectious Diseases, Nagasaki University Institute of Tropical Medicine. He is now President of the Japanese Society of Tropical Medicine.



Charles Redman is the founding director of Arizona State University's School of

Sustainability, the first in the US to offer sustainability degrees at all levels. Redman is an anthropologist/archaeologist by training but has spent the last 15 years directing large scale interdisciplinary projects focused on contemporary urban ecology and for the past ten years has been a member of the Resilience Alliance. His interests include human impacts on the environment, sustainable landscapes, rapidly urbanizing regions, sustainability education and public outreach. Together with colleagues from ASU and UNAM (Mexico City) he is currently developing a transdisciplinary project to create an analytical framework to address the various water related challenges facing Mexico City and other megacities in the face of climate change and continued rapid urbanization.



Roderick Lawrence is Professor at the Faculty of Economic and Social Sciences at

the University of Geneva and he directs the Human Ecology Group at the Institute of Environmental Sciences. He is currently Director of the Global Environmental Policy Programme (GEPP) and the Certificate of Advanced Studies in Sustainable Development at the University of Geneva. He has served as a Consultant to the Organization for Economic Cooperation and Development (OECD), the Economic Commission for Europe (UNECE) and the World Health Organization (WHO). From 1998-2003 he was Chairperson of the Evaluation Advisory Committee of the WHO-EURO Healthy Cities project. Since 1997 he has been an Associate Member of the New York Academy of Sciences

Program

Note: program correct at time of printing

Monday, February 4

2.00pm – 5.00pm Student Pecha-Kuch Workshop: Sustaining People, Sustaining Places. Room F101. Non-student delegates are welcome to attend.

Tuesday, February 5

TIME	EVENT	TITLE	PRESENTER	VENUE
11.00am-7.30pm	Registration open			Foyer, Forestry Building
1.00pm – 2.30pm	Workshops	<i>Incorporating human well-being into sustainability planning</i>	Kelly Biedenweg, Natural Capital Project, Stanford University, USA	F103
		<i>Human Ecology and Social Change</i>	Stephen Boyden, The Australian National University	F102
		<i>Reinventing the future: the radical human ecology dialogues of communities in action</i>	Lewis Williams, Koru International Network, Canada	F108
		<i>What's in it for them? Design sustainability projects that integrate the motivations for your targeted participants</i>	Helen Burnie, University of Western Sydney	Fenner Seminar
		<i>Participatory mapping for social change and environmental management</i>	Greg Brown, School of Geography, Planning and Environmental Management, University of Queensland	F101
3.00pm-3.45pm	Opening	Conference opening and welcome addresses	Chair: Rob Dyball	Robertson Theatre
	3.00pm	Conference Welcome	Rob Dyball, Conference Convenor, The Australian National University	
	3.05pm	Welcome to The Australian National University	Ian Young, Vice Chancellor, The Australian National University	
	3.15pm	Welcome to the Fenner School of Environment and Society	Steve Dovers, Director, Fenner School of Environment and Society, The Australian National University	
	3.25pm	Welcome to Canberra	Paul Grimes, Secretary, Department of Sustainability, Environment, Water Population and Communities	
3.35pm	ICSS-Asia Welcome	Kazuhiko Takeuchi, Senior Vice-Rector, United National University Institute for Sustainability and Peace / Director, Integrated Research System for Sustainability Science, University of Tokyo, Japan		

3.45pm-5.20pm	Plenary	Opening plenary – Designing the Future	Chair: Steve Dovers	Robertson Theatre
3.45pm		Introduction	Steve Dovers, Director, Fenner School for Environment and Society, The Australian National University	
3.50pm		What human ecology is and what it does	Darron Collins, President, College of the Atlantic, USA	
4.10pm		The biohistorical paradigm: the first 25 years of human ecology at ANU	Stephen Boyden, Founder, The Australian National University Human Ecology Program	
4.30pm		Teaching Sustainability Science through University Networks in Asia and Africa	Kazuhiko Takeuchi, Senior Vice-Rector, United National University Institute for Sustainability and Peace / Director, Integrated Research System for Sustainability Science, the University of Tokyo, Japan	
4.50pm		Pecha Kucha presentations		
5.10pm		Open discussion	Steve Dovers	
5.30pm-7.30pm	Welcome Reception			Foyer, Forestry Building

Wednesday, February 6

TIME	EVENT	TITLE	PRESENTER	VENUE
7.30am-5.30pm	Registration open			Foyer, Forestry Building
9.05am-10.45am	Plenary 9.05am	Plenary 2 – Global Food Security & Urban Vulnerability Introduction	Chair: Will Steffen Will Steffen, The Australian National University	Robertson Theatre
	9.10am	Global Urbanisation, Land Use Change and Food Security	Thomas Elmqvist, Stockholm Resilience Centre, Sweden	
	9.30am	Linking cities to food production: from dichotomy to integrated systems approach	Xuemei Bai, Human Ecology Program, The Australian National University	
	9.50am	The Revitalisation for Japan - the platinum society	Hiroshi Komiyama, President Emeritus, University of Tokyo, Japan	
	10.10am	Commentary and discussion	Will Steffen	
10.45am-11.15am	Morning Tea			Foyer, Forestry Building
11.15am-12.45pm	Concurrent Session 11.15am	ICSS -Asia Symposium 1 - Climate Change in Oceania Region Global sustainability in the Anthropocene	Chair: Will Steffen Will Steffen, The Australian National University	Forestry Theatre
	11.30am	Detection and predication of climate changes	Masayoshi Ishii, Meteorological Research Institute, Japan	
	11.55am	Prediction of El Nino, Indian Ocean Dipole and Australian climate	Jing-Jia Luo, Australian Bureau of Meteorology	
	12.15pm	Vulnerability of paddy production in Bali under climactic changes	Edvin Aldrian, The Centre for Climate Change & Air Quality, Indonesia	
	12.35pm	Discussion		
11.15am-12.45pm	Concurrent Session 11.15am	SHE Symposium - Psychological perspectives on promoting pro-environmental behaviour An intra-individual perspective on pro-environmental behaviour	Chair: Megan Bissing-Olson Megan Bissing-Olson, University of Queensland	F101
	11.35am	A work climate perspective on employee green behaviour	Tom Norton, University of Queensland	
	11.55am	Supporting self-determination makes communication about climate change more effective	Anna Cooke, University of Queensland	
	12.15pm	Understanding mental models of the policy making process to support pro-environmental behaviour	Katie Moon, ANZSOG Institute for Governance/Institute for Applied Ecology	
	12.35pm	Discussion		

11.15am-12.15pm	Concurrent Session	<i>SHE Symposium – Linking environment and health</i>	Chair: Valerie Brown	F102
11.15am		Where global change meets pandemics: emerging infectious diseases, ecology and society	Colin Butler, University of Canberra	
11.35am		Catch if you can: Issues of food security in vulnerable environments through the promotion of country food consumption	Ursula King, University of Sydney	
11.55am		Convergence: Why Human Ecology and Ecohealth matter for Disaster Management	Margot Parkes, University of Northern British Columbia, Canada	
12.15pm		Global inequalities in health: questions for sustainability	Jenny Stewart-Williams, University of Newcastle	
12.35pm	Discussion			
11.15am-12.45pm	Concurrent Session	<i>SHE Symposium - Co-management, local ecological knowledge and conservation of aquatic resources: practical solutions and future challenges</i>	Chair: Juarez Pezzuti	F108
11.15am		Fishers knowledge indicates trophic levels, feeding habits and bioaccumulation patterns in tropical marine and freshwater fishes	Renato Silvano, Universidade Federal do Rio Grande do Sul, Brazil	
11.35am		Indigenous management of marine turtles and dugongs in north Australia	Rod Kennett, Charles Darwin University	
11.55am		Amazon river turtle community-based conservation: advances, constraints and lessons for the future	Juarez Pezzuti, Federal University of Pará, Brazil	
12.15pm		Oyster farming in Vietnam: A Photovoice story of impact of this environmentally sensitive industry in enhancing rural community sustainability through the camera lens of oyster farmer community members	Janine Pierce, University of South Australia	
12.35pm	Discussion			
11.15am-12.45pm	Concurrent Session	<i>SHE Symposium - Nature and Mind: Revisited</i>	Chair: Richard Borden	Fenner Seminar
11.15am		Contemplative Experience in Nature: Human Ecology Writ Particular	Patricia Honea-Fleming, Licensed Psychologist, College of the Atlantic, USA	
11.35am		Ecology and Experience: Closing the Gap	Richard J Borden, College of the Atlantic, USA	
11.55am		Fences, gates and stiles: the value of poetic reasoning in expressing the complexity of place	Tom Lee, University of Western Sydney	
12.15pm		Minds and Brains: Explorations in the Explanation of Behaviour	Author: John Visvader, College of the Atlantic, USA (presenter to be confirmed)	
12.35pm	Discussion			

11.15am-12.45pm	Concurrent Session	<i>SHE Session - Arts and design for sustainability</i>	Chair: Andrew MacKenzie	F103
11.15am		Design school: ecology for the imaginary	Craig Bremner, Charles Sturt University	
11.35am		Infusing the wicked with the muse: tackling the complexity of sustainability through co-creation	Viveka Hocking, The Australian National University	
11.55am		Changing the sustainability story through nature-based personal stories	Jennifer Wilhoit, TEALarbor Stories, USA	
12.15pm		Mind the gap: exploring the disconnection between design research and policy	Andrew MacKenzie, University of Canberra	
12.35pm		Discussion		
12.45pm-1.00pm	Lunch			Foyer, Forestry Building
1.45pm-3.15pm	Concurrent Session	<i>ICSS-Asia Symposium 2 - Water management related to sustainability, environmental responsibility and human well-being</i>	Chair: Ken'ichi Nakagami	Forestry Theatre
1.45pm		Water management related to sustainability, environmental responsibility and human wellbeing	Ken'ichi Nakagami, Ritsumeikan University, Japan	
2.00pm		Wisdom of land and water management	Tsuguhiro Watanabe, Yamagata University, Japan	
2.20pm		Decentralised local water reuse and sustainability	Jun Nakajima, Ritsumeikan University, Japan	
2.35pm		Water related problems, well-being and sustainability status – a sustainability assessment in China's provinces	Keishiro Hara, Osaka University, Japan	
2.50pm		Water: looming starvation in the midst of plenty - water management policies and practice in the Asia-Pacific region	Malcolm Cooper, Ritsumeikan University, Japan	
3.05pm		Discussion		
1.45pm-3.15pm	Concurrent Session	<i>SHE Symposium - Implementing Landscape Scale Conservation: Institutional approaches to support conservation across scales, tenures and jurisdictions</i>	Chair: Carina Wyborn	Fenner Seminar
1.45pm		The problem of misfits. Diagnosing and designing institutions for biodiversity conservation	Sarah Clement, Murdoch University	
2.05pm		Successful cost-sharing arrangements with collaborators	Graham Fifield, Greening Australia	
2.25pm		Amenity-orientated rural landholders: conceptualising social good conservation outcomes through individualised management practices?	Ben Cooke, RMIT University	
2.45pm		Discussion		

1.45pm-3.15pm	Concurrent Session	<i>SHE Symposium - How does water scarcity in the Murray-Darling Basin affect wellbeing?</i>	Chair: Leonie Pearson	F103
1.45pm		Water scarcity and wellbeing: an economic-policy perspective	Neil Byron, University of Canberra	
2.05pm		Farmer wellbeing and water scarcity: the role of drought	Helen Berry, University of Canberra, and Lean O'Brien, University of Canberra	
2.25pm		Impact of NRM policy on human wellbeing in the Murray Darling Basin	Jacki Schirmer, University of Canberra	
2.45pm		De-coupling human wellbeing and water scarcity: the past and the future	Leonie Pearson, University of Canberra	
3.05pm		Discussion		
1.45pm-3.15pm	Concurrent Session	<i>SHE Symposium - Achieving sustainable agriculture</i>	Chair: Saan Ecker	F101
1.45pm		Food matters: shrinking the food-print by shifting consumer demand	David Pearson, University of Canberra	
2.05pm		Embodied ecology: An exploration of food waste, solidarity and change	Bethaney Turner, University of Canberra	
2.25pm		Motivations for sustainable land management practices in Australian agriculture	Lyndal-Joy Thompson, Department of Agriculture, Fisheries & Forestry	
2.45pm		Discussion		
1.45pm-3.15pm	Concurrent Session	<i>SHE Symposium - Reflections on Responsibility, Fairness and Justice: Where are we headed; who decides and how?</i>	Chair: Catherine Gross	F102
1.45pm		The Cycles and Spirals of Justice in Water Allocation Decision Making	Marian Patrick, The Australian National University	
2.05pm		Where we are headed and how do we get there?: The farm/forest interface as an illustration	Allan Curtis, Charles Sturt University	
2.25pm		Long Term Planning for Water Reform?	Geoff Syme, Edith Cowan University	
2.45pm		Whose responsibility for fairness and justice?	Catherine Gross, The Australian National University	
3.05pm		Discussion		
1.45pm-3.15pm	Workshop	<i>Good ideas that go somewhere: aligning the disciplines from imagination to action</i>	Viveka Hocking, The Australian National University	F108
3.15pm-3.45pm	Afternoon tea			Foyer, Forestry Building

3.45pm-5.15pm	Concurrent Session	<i>ICSS-Asia Symposium 3 - Building a sustainable and resilient society through revitalizing nature harmonious society</i>	Chair – Kazuhiko Takeuchi	Forestry Theatre
3.45pm		Opening remarks	Kazuhiko Takeuchi, University of Tokyo, Japan	
3.55pm		Trend of agricultural productivity in the world	Hiroataka Matsuda, University of Tokyo, Japan	
4.15pm		Sustainability and resilience: the role of education	Janette Lindesay, The Australian National University	
4.35pm		Global urbanisation: land use change and food security	Thomas Elmqvist, Stockholm Resilience Centre, Sweden	
4.55pm	Discussion			
3.45pm-5.15pm	Workshop	<i>Ecology, Health & Human Ecology: the way of the future?</i>	Ursula King, University of Sydney; Kerry Arabena, Onemda Koori Health Unit; Valerie Brown, The Australian National University; Margot Parkes, University of Northern British Columbia, Canada	F102
3.45pm-5.15pm	Roundtable	<i>New Directions in Human Ecology Higher Education - Core concepts and curricula in Human Ecology</i>	Wolfgang Serbser, German Society for Human Ecology, Germany	F103
3.45pm-5.15pm	Workshop	<i>Partnerships with plants: interdisciplinary perspectives & discussion</i>	Libby Robin, The Australian National University; Joslin Moore, Australian Research Centre for Urban Ecology; Sharon Willoughby, The Australian National University; Cameron Muir, The Australian National University	F108
3.45pm-5.15pm	Workshop	<i>Escaping the Complexity Dilemma: A Practical System-Analysis</i>	Katrina Proust, The Australian National University	F101
3.45pm-5.15pm	Workshop	<i>Embedding agroecology in Higher education curriculum: experiences from Venezuela</i>	Federico Davila, The Australian National University; Miguel Angel Nunez, Insituto Latinoamericano de Agroecologia Paulo Freire, Venezuela	Fenner Seminar
5.30pm-8.30pm	Art Gallery Opening	Viewing of the Human Ecology art show “Biting the Carpet – food security and the lay of the land”, followed by viewing of “The Hong Kong Project” with Q&A with Stephen Boyden (optional)	Curated by John Reid	Foyer, The Australian National University School of ArtGallery

Thursday, February 7

TIME	EVENT	TITLE	PRESENTER	VENUE
7.30am-5.30pm	Registration open			Foyer, Forestry Building
9.05am-10.45am	Plenary	Plenary 3 – Co-benefits of actions to promote human health and wellbeing	Chair: Tony Capon	Robertson Theatre
	9.05am	Introduction	Tony Capon, University of Canberra	
	9.10am	Collateral health gains, local and global: a crucial incentive for living sustainably	Tony McMichael, National Centre for Epidemiology & Population Health, The Australian National University	
	9.30am	Bridging the gap between local ecohealth diversity and global health universality	Kazuhiko Moji, Research Institute for Humanity & Nature, Kyoto, Japan	
	9.50am	The added value of human ecology for understanding urban health challenges	Roderick Lawrence, Human Ecology Program, University of Geneva, Switzerland	
	10.10am	Commentary and discussion	Tony Capon	
10.45am-11.15am	Morning Tea			Foyer, Forestry Building
11.15am-12.45pm	Concurrent Session	<i>ICSS-Asia Symposium 4 - Human activity, climate change and emerging health issues</i>	Chair: Chiho Watanabe	Forestry Theatre
	11.15am	Introduction	Chiho Watanabe, University of Tokyo, Japan	
	11.25am	More evidence on health impacts of climate change from developing regions	Masahiro Hasizume, Nagasaki University, Japan	
	11.45am	Study on Forest cover in relation with Malaria in Lao PDR	Bunpei Tojo, The Research Institute for Humanity & Nature, Japan	
	12.05pm	Indirect Impact of Flood and Drought on Human Health: Food Contamination with Waterborne Pathogens	Toru Watanabe, Yamagata University, Japan	
	12.25pm	Multidisciplinary Health Survey in Response to Thailand Great Flood in 2011	Pratap Singhasivanon, Mahidol University, Thailand	

11.15am-12.45pm	Concurrent Session	<i>SHE Symposium - Climate change migration: vested interests, ethical 'blindspots' and the future policy landscape</i>	Chair: Hedda Ransan-Cooper	F102
11.15am		Problem, Asset or Victim - A Critique of Dominant Discourses Concerning Climate Change Migration and Displacement	Fanny Thornton, The Australian National University	
11.35am		Re-visiting migration decisions in a context of climate stress: Implications for policy and equity	Hedda Ransan-Cooper, The Australian National University	
11.55am		Influence of political structures on environmental stress, migration, and the people left behind in Honduras and Peru	David Wrathall, University of California Santa Cruz (via skype)	
12.15pm		Mobility in a State of distress: Rethinking rights and climate adaptation in northern Ethiopia	James Morrissey, Oxford University (via skype)	
12.35pm		Discussion		
11.15am-12.45pm	Concurrent Session	<i>SHE Symposium - Landscape Values Mapping and Participatory GIS: Socio-spatial data for natural resource planning and management</i>	Chair: Lee Cervený	F101
11.15am		A spatial method for integrating social and ecological values into conservation planning	Chris Raymond, Charles Sturt University	
11.35am		Using public participation GIS (PPGIS) to assess the human ecology of urban green space	Greg Brown, University of Queensland	
11.55am		Landscape Values Mapping and Participatory GIS: Socio-spatial data for natural resource planning and management	Lee Cervený, Pacific Northwest Research Station, USA	
12.15pm		Demographic and cognitive differences in community-based values and activities mapping on the Olympic Peninsula	Kelly Biedenweig, Stanford University, USA	
12.35pm		Discussion		
11.15am-12.45pm	Concurrent Session	<i>SHE Symposium - Feeding People and/or Sustaining Places? Human ecological approaches to researching food systems</i>	Chair: Federico Davila	F103
11.15am		Greenhouse Gas emissions associated with food, agriculture and land-use change	Eskild Bennetzen, University of Copenhagen, Denmark	
11.35am		Food Sovereignty: An emerging notion for food systems change in international policy discourse	Federico Davila, The Australian National University	
11.55am		Meal Cultures: A new Approach to Engendering the Global Food Security Debate	Parto Teherani-Kroenner, Humboldt University of Berlin, Germany	
12.15pm		Green eggs and land: using Emergy to evaluate the true energetic costs of chicken egg farming	Sophia Christoe, The Australian National University	
12.35pm		Discussion		

11.15am-12.45pm	Concurrent Session	<i>SHE Symposium - Think globally - Acting Locally. Why the Slogan Fails.</i>	Chair: David Dumeresq	Fenner Seminar
11.15am		Think globally - Acting Locally. Why the Slogan Fails	David Dumaresq, The Australian National University	
11.35am		Linking the global and local	Carleton B Christensen, The Australian National University	
11.55am		What might be the role of a regulator in accelerated human ecological co-evolution?	Stefan Kaufman, EPA Victoria	
12.15pm		The next shadow line: on the difficulty and means of achieving what is natural for Homo sapiens	Juan Ruiz, Autonoma University, Spain	
	12.35pm	Discussion		
11.15am-12.45pm	Concurrent Session	<i>SHE Session: Food security and local production</i>	Chair: Ferne Edwards	F108
11.15am		Cuban legal structures for urban agriculture: co-benefits of translation to New South Wales local government law and policy	Leisel Spencer, University of Western Sydney	
11.35am		Local food production in action: exploring its potential for improving food security	Sumita Ghosh, University of Technology, Sydney	
11.55am		Organic Farming of Lettuce in Sandy Soils under arid environment	Saud Al- Oud, King Saud University, Saudi Arabia	
12.15pm		The hum of the hive: negotiating human/ honeybee relationships towards the productive city	Ferne Edwards, The Australian National University	
	12.35pm	Discussion		
12.45pm-1.00pm	Lunch			Foyer, Forestry Building
1.45pm-3.15pm	Concurrent Session	<i>ICSS-Asia Symposium 5 - Sustainability education based on practical and concrete cases</i>	Chair: Takashi Mino	Forestry Theatre
1.45pm		Introduction	Takashi Mino, University of Tokyo, Japan	
1.55pm		Pragmatic approach for framing Sustainability Science as practical methodology	Noriyuki Tanaka, Hokkaido University, Japan	
2.10pm		Campus as sustainability classroom	Jennifer McMillin, The Australian National University	
2.25pm		Indirect Impact of Flood and Drought on Human Health: Food Contamination with Waterborne Pathogens	Motoharu Onuki, University of Tokyo, Japan	
	2.40pm	Discussion		

1.45pm-3.15pm	Concurrent Session	<i>SHE Symposium - The Aesthetic Link</i>	Chair: John Reid	Fenner Seminar
	1.45pm	Engaging Visions: A Guide	John Reid, The Australian National University	
	2.05pm	Celebrating the "Engaging Visions" community fieldwork experience in the Murray Darling Basin: Community knowledge and expertise can guide university projects	Charles Tambiah, The Australian National University	
	2.25pm	Making art that deals with sustainability problems: providing guidance to artists	Carolyn Young, The Australian National University	
	2.45pm	Adaptation: dance ecology as a transnational terrain practice	Rachel Sweeney, The Australian National University (via skype)	
	3.05pm	Discussion		
1.45pm-3.15pm	Concurrent Session	<i>SHE Symposium - Sharing Responsibility</i>	Chair – Sandra Lauer	F102
	1.45pm	Bushfire management: sharing the responsibility?	Sandra Lauer, The Australian National University	
	2.05pm	Climate change vulnerability and adaptive capacity in the United States Rocky Mountain West	Carina Wyborn, University of Montana, USA	
	2.25pm	The role of an independent bridging institution to assist rural communities to realize their social capacities to contribute to social-ecological systems resilience	David Eastburn, Landmark Communication	
	2.45pm	Discussion		
1.45pm-3.15pm	Roundtable	<i>Micro-enterprise for Women in South Pacific for Climate Projects</i>	Chair: Donnell Davis	F103
1.45pm-3.15pm	Concurrent Session	<i>SHE Session - Climate Change Adaptation</i>	Chair: Adrian Hayes	F101
	1.45pm	Climate change and food insecurity in West Africa's Sahel region: implications for public health and the millennium development goals	Derick Akompab, University of Adelaide	
	2.05pm	Community Social Vulnerability to Climate Change-Related Hazards: Insights from Cambodia, Vietnam and the Philippines	Maria Emilinda Mendoza, University of the Philippines Los Banos, Philippines	
	2.25pm	The advantage of the climate field school for farmers in Indonesia	Temi Miranda, Indonesian Institute of Sciences, Indonesia	
	2.45pm	Demographic Change and Greenhouse Gas Emissions in Indonesia : Understanding the Links between Population Dynamics and Sustainable Development	Adrian Hayes, The Australian National University	
	3.05pm	Discussion		

1.45pm-3.15pm	Concurrent Session	<i>SHE Session - Transformative Learning</i>	Chair: Celeste Young	F108
1.45pm		Transformative online social learning for sustainability	Bonnie McBain, University of Newcastle	
2.05pm		The Consciousness Conundrum: what the evolution of the universe tells us about achieving sustainability on Earth	Elisa Frank, Holigent.org, USA	
2.25pm		Disclosing wicked problems	Lee Moerman, University of Wollongong	
2.45pm		Innovation learning - creating communities of practice	Celeste Young, Victoria University	
3.05pm		Discussion		
3.15pm-3.45pm	Afternoon tea			Foyer, Forestry Building
3.45pm-5.15pm	Concurrent Session	<i>SHE Session: Behavioural Change</i>	Chair: Elisa Frank	Forestry Theatre
3.45pm		Ecopreneurship as an innovative strategy towards community environmental stewardship: the case of a rural and urban community in the Philippines	Carla Edith Jimena, University of the Phillipines Los Banos, Philippines	
4.05pm		Creating desire for less! Communicating notions of sustainable consumption	Doreen Donovan, University of South Australia	
4.25pm		The real reasons why people reduce their carbon footprints: What motivates adults in Western Sydney to take actions that help mitigate climate change?	Helen Burnie, University of Western Sydney	
4.45pm		Who Do You Think You Are?: the influence of social identity on motivating behavioural change in pursuit of sustainability	Elisa Frank, Holigent.org, USA	
5.05pm		Discussion		
3.45pm-5.15pm	Concurrent Session	<i>SHE Symposium - Sustainable Consumption, Sustainable Selves</i>	Chair: Carleton Bruin Christensen	Fenner Seminar
3.45pm		What is rational about "ecological rationality"?	Tom Swann, The Australian National University	
4.05pm		The consumer as chooser? Reconceptualising the consumer through an examination of clothing consumption in the United Kingdom	Rachael Wakefield-Rann, The Australian National University	
4.25pm		Understanding the power of political rhetoric in the sustainability debate	Emma Wannell, The Australian National University	
4.45pm		Sustainable Consumption, Sustainable Selves	Carleton B Christensen, The Australian National University	
5.05pm		Discussion		

3.45pm-5.15pm	Concurrent Session	<i>SHE Symposium - Reinventing the Future: Education for Human Ecology</i>	Chair: Eleanor Malbon	F101
	3.45pm	Student Facilitators in the Human Ecology Program at the The Australian National University	Federico Davila, The Australian National University	
	4.05pm	Student Facilitators in the Human Ecology Program at the The Australian National University	Thomas Sloan, The Australian National University	
	4.25pm	Reinventing the Future: Education for Human Ecology	Eleanor Malbon, The Australian National University	
	4.45pm	Discussion		
3.45pm-5.15pm	Workshop	<i>Transforming Politics & Economics for Human Survival</i>	Peter Tait, Public Health Association Australia and Fiona Armstrong, Climate and Health Alliance	F108
3.45pm-5.15pm	Concurrent Session	<i>SHE Symposium - Addressing Urban Health Challenges</i>	Chair: Roderick Lawrence	F102
	3.45pm	Building shared understanding	Barry Newell, The Australian National University	
	4.05pm	Maladaptative Dependence: The Case of Domestic Air Conditioning	Katrina Proust, The Australian National University	
	4.25pm	PHENOTYPE: Beyond Disciplinary Confinement to Imaginative Transdisciplinarity	Roderick J Lawrence, Institute of Environmental Services, Switzerland	
	4.45pm	Health Co-Benefit of Strategies to Reduce Greenhouse-Gas Emissions: Opportunities to Replace Short Car Trips with Active Transportation	Ting Xia, University of Adelaide	
	5.05pm	Discussion		
3.45pm-5.15pm	Workshop	<i>Core capacities for adaptive governance: exploring an emerging research agenda</i>	Lorrae van Kerkoff, The Australian National University	F103
7.00pm-11.00pm	Conference Dinner			University House

Friday, February 8

TIME	EVENT	TITLE	PRESENTER	VENUE
7.30am-5.30pm	Registration open			Foyer, Forestry Building
9.05am-10.45am	Plenary	Plenary 4 – Individual & Institutional Responsibility for Change	Chair: Richard Borden	Robertson Theatre
	9.05am	Introduction	Richard Borden, College of the Atlantic, USA	
	9.10am	Individual and Institutional Responsibility for Change	Yolanda Kakabadse, President, World Wildlife Fund for Nature International, Ecuador	
	9.30am	Implementing a new economic paradigm	Bob Costanza, Crawford School, The Australian National University	
	9.50am	Shaping sustainability markets through multi-stakeholder partnerships: sustainability standards as tools for collective leadership and individual action	Sasha Courville, independent consultant	
	10.10am	Wither sustainability and resilience: as one or separately?	Charles Redman, Arizona State University School of Sustainability, USA	
	10.30am	Commentary and discussion	Richard Borden	
10.45am-11.15am	Morning Tea			Foyer, Forestry Building
11.15am-12.45pm	Concurrent Session	<i>SHE Session: Education for Sustainability</i>	Chair: Jay Friedlander	Fenner Seminar
	11.15am	What do you do with a degree in Human Ecology? Forty years of evidence	Ken Hill, College of the Atlantic, USA	
	11.35am	Sustainability, emergence and the graduate attribute of global citizenship	Kate Judith, University of Southern Queensland	
	11.55am	Nepal's climate change education to youth, poor & indigenous people	Dambar Narayan Yadav, Centre for Poverty Alleviation, Environment Conservation & Women's Welfare, Nepal	
	12.15pm	Moving from theory to action: a model for higher education	Jay Friedlander, College of the Atlantic, USA	
	12.35pm	Discussion		

11.15am-12.45pm	Concurrent Session	<i>SHE Session: Carbon Sequestration</i>	Chair: John Schooneveldt	F103
11.15am		Valuing adaptation of social and natural assets under rapid climate change	Roger Jones, Victoria University	
11.35am		The role of private landholders as change agents in the success of carbon planting schemes	Nooshin Torabi, RMIT University	
11.55am		The impact of formal regulation and offset policy on the rate of deforestation in Australia	Megan Evans, The Australian National University	
12.15pm		Managing Vegetation and the Carbon Balance	John Schooneveldt, The Australian National University	
12.35pm		Discussion		
11.15am-12.45pm	Concurrent Session	<i>SHE Session: Community Engagement</i>	Chair: Carla Edith Jimena	F101
11.15am		Perceived effects of lead recycling to selected communities in Bulacan, Philippines	Emilia Visco, University of the Philippines Los Banos, Philippines	
11.35am		Designing for Creative Public Discourses: a critique of methodologies used to address climate change	Haken Edeholt, Oslo School of Architecture and Design, Norway	
11.55am		How national food security can ensure food sustainability for marginalised communities including women agriculture workers and small farmers in Pakistan?	Nazima Shaheen, University of Melbourne	
12.15pm		Social Performance of SIKAP Microfinance Program in a Rural Village in Magdalena, Laguna, Philippines	Carla Edith Jimena, University of the Philippines Los Banos, Philippines	
12.35pm		Discussion		
11.15am-12.45pm	Concurrent Session	<i>SHE Session: Stakeholder and participation</i>	Chair: Dave Kendal	F108
11.15am		The role of social capital in the assessment and remediation of polluted sites in the Philippines	Jennifer Marie Amparo, University of the Philippines Los Banos, Philippines	
11.35am		Communication for change	Celeste Young, Victoria University	
11.55am		Community participation in landscape evaluation and design in Latin America	Juan Ruiz, Autonoma University, Spain	
12.15pm		Extinction of experience or botanical riches? How do residential gardens shape people's experience of plant diversity in western cities?	Dave Kendal, Australian Research Centre for Urban Ecology	
12.35pm		Discussion		

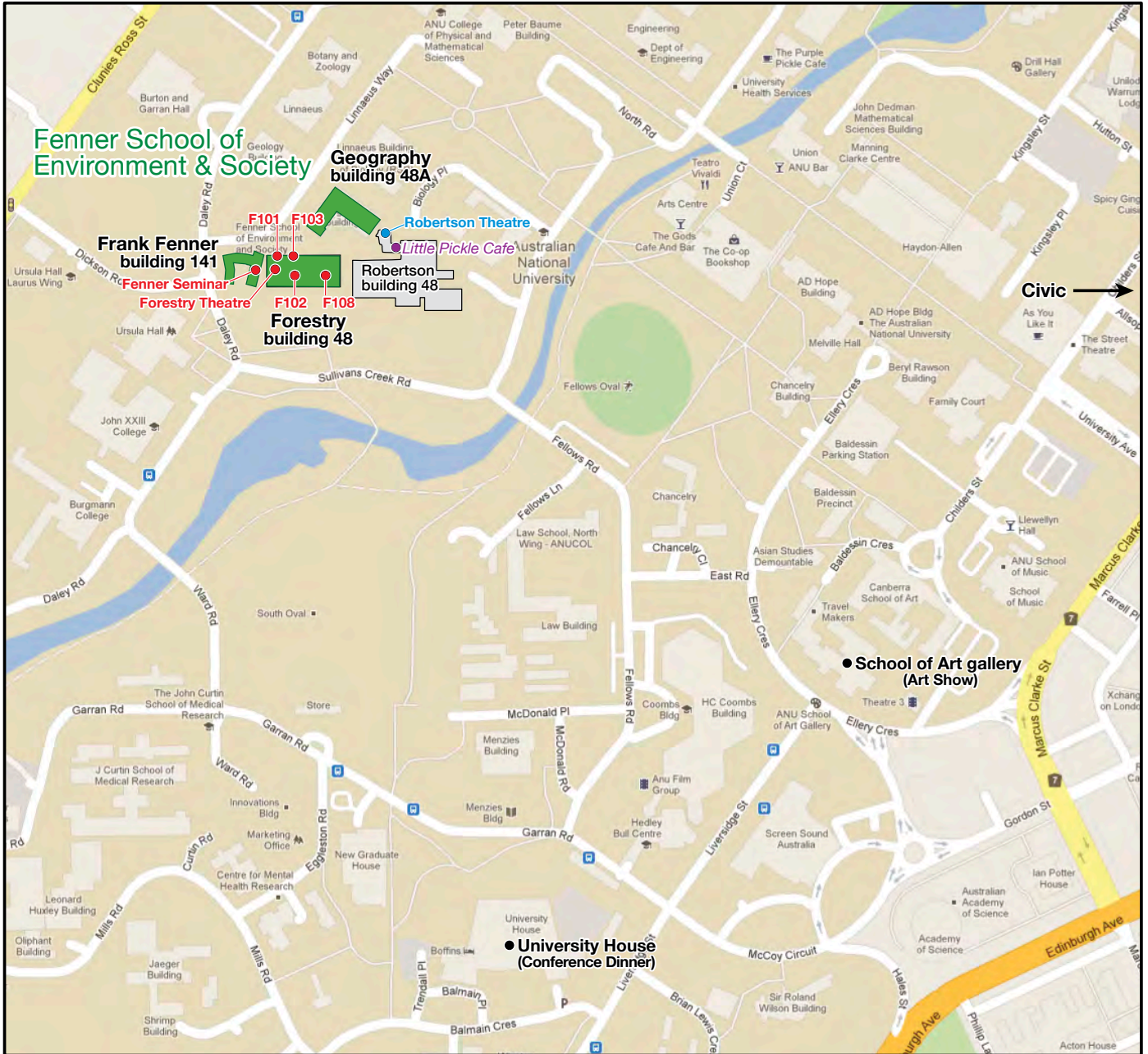
11.15am-12.45pm	Concurrent Session	<i>SHE Symposium - Sustainable Cities and Ecocity Development</i>	Chair: Ian Douglas Jason Byrne, Paul Downton, Richard C Rockwell, Mark McDonnell, Bruce Ryan, State Key Laboratory of Urban and Regional Ecology reps	Forestry Theatre
11.15am-12.45pm	Concurrent Session	<i>SHE Symposium - Tackling wicked problems</i>	Chair: Margot Parkes	F102
	11.15am	A Toolkit for Eco-epidemiological Enquiry under Global Ecological Change	Colin Soskolne, University of Alberta, Canada	
	11.35am	Tackling wicked problems: towards a transformation science	Valerie Brown, The Australian National University	
	11.55am	Volunteering for a healthy planet and healthy humans	Marina Lewis, Deakin University	
	12.15pm	Discussion		
12.45pm-1.00pm	Lunch			Foyer, Forestry Building
1.45pm-3.15pm	Concurrent Session	<i>SHE Session: Responding to environmental crises</i>	Chair: Maria Emilinda Mendoza	Fenner Seminar
	1.45pm	Coping strategies of resettled communities in Laguna, Philippines	Emilia Visco, University of the Philippines Los Banos, Philippines	
	2.05pm	Climate change adaptation in the Pacific - issues for the governance of responses to natural disasters in Fiji	Ingrid Johnston, University of Tasmania	
	2.25pm	Human Ecological Imperatives of Community Resettlement as a Response to Environmental Crises	Maria Emilinda Mendoza, University of the Philippines Los Banos, Philippines	
	2.45pm	Discussion		
1.45pm-3.15pm	Concurrent Session	<i>SHE Session: Healthy people and places</i>	Chair: Paul Blaschke	F103
	1.45pm	Systematic Review: Reducing Meat Consumption to Combat Climate Change and Bring Co-benefits to Population Health	Sau Chun Yip, University of Adelaide	
	2.05pm	The Human Dimension of Deforestation and Agricultural Intensification in Northern Belize, Central America	Clifford Patterson, University of Otago, New Zealand	
	2.25pm	Healthy food from vibrant communities in healthy biodiverse landscapes	Maarten Stapper, BioLogic AgFood	
	2.45pm	Relationship between nature conservation and health and wellbeing benefits in New Zealand -an exploratory review	Paul Blaschke, Department of Public Health, New Zealand	
	3.05pm	Discussion		

1.45pm-3.15pm	Concurrent Session	<i>SHE Session: Economic Dimensions of sustainability</i>	Chair: Ed Arrington	F101
	1.45pm	Critical renderings of economic accountability in contexts relevant to human ecology: overcoming the hegemony of neoliberal accounting	Ed Arrington, University of Wollongong	
	2.05pm	Monocultures at multiple scales: The dominance of the for-profit corporation as a threat to cultural, organisational and ecological diversity	Liam Phelan, University of Newcastle	
	2.25pm	Influence of regulation and information on environmental investment decision-making: An experimental study	Tapan Sarker, Griffith University	
	2.45pm	Orders of worth and the extractive industries: economic accountability, legislative failure and communicative practice	Ed Arrington, University of Wollongong	
	3.05pm	Discussion		
1.45pm-3.15pm	Concurrent Session	<i>SHE Session: Sustainable fishing communities</i>	Chair: Renato Silvano	F108
	1.45pm	Waterways and people's values from catchment to coast	Sylvie Shaw, University of Queensland	
	2.05pm	The impact of fishing ground information on the sustainability of fisheries : the link between government contribution and community needs in the district of Indramayu, Indonesia	Gusti Surtiari, Indonesian Institute of Sciences, Indonesia	
	2.25pm	The food security of coastal fisheries in SE Brazil	Renato Silvano, Universidade Federal do Rio Grande do Sul, Brazil	
	2.45pm	Discussion		
1.45pm-3.15pm	Concurrent Session	<i>SHE Session: Urban metabolism</i>	Chair: Devin Bowles	Forestry Theatre
	1.45pm	Phytoremediation in Australia Pollution and Human Health: The need for Integrative Approaches in Clean-up and Remediation of Polluted sites	Augustine Doronila, University of Melbourne	
	2.05pm	Study on Chinese nitrogen footprint during 1990 and 2009	Yalan Shi, Instituted of Urban Environment, China	
	2.25pm	Freeing Policy from the Proximate: Expanding the scope of public health practice to match epidemiological insights	Devin Bowles, The Australian National University	
	2.45pm	Discussion		

1.45pm-3.45pm	Workshop	<i>Creative process as tools for decision making</i>	Celeste Young, Victoria University	F102
3.15-3.45	Afternoon tea			Foyer, Forestry Building
3.45pm-5.15pm	Plenary	Closing Plenary	Chair: Ken Hill	Robertson Theatre
		Final words	Ken Hill, SHE Managing Director, College of the Atlantic, USA	
		Pecha Kucha presentations (to be chosen on Monday at workshop)		
		Gerald Young Book Award		
		Conference award to best student presentations		
		Passing of Presidency and closing remarks	Rob Dyball, Fenner School of Environment and Society, The Australian National University	

NOTES

SHE XIX Conference 2013 The Australian National University Campus



Google Maps 2013

- Fenner School of Environment & Society
- Concurrent sessions and workshops
- Plenary sessions (Robertson theatre)