



02 NOVEMBER 2015 | ARRIVAL | MONDAY PM

17:30	Scheduled Shuttles , Evergreen Manor & Stellenbosch Lodge to Spier Hotel
17:30 – 20:00	Registration Open , Hotel Foyer
18:00 – 20:00	WELCOME DRINK & SNACK , Restaurant Terrace, Spier Hotel
20:00	Scheduled Shuttles , Spier Hotel to Evergreen Manor & Stellenbosch Lodge
21:30	Scheduled Shuttles , Spier Hotel to Evergreen Manor & Stellenbosch Lodge

03 NOVEMBER 2015 | DAY 1 | TUESDAY AM

07:30 – 08:30	Poster Set-up , Wine Cellar		
08:00	Scheduled Shuttles , Evergreen Manor & Stellenbosch Lodge to Spier		
08:00 – 17:00	Registration Open , Foyer		
08:30 – 09:00	Tea/Coffee on Arrival , Foyer		
09:00 – 11:00	SESSION 1: PLENARY , Auditorium		
	09:00 – 09:30 (30min)	Welcome	Albert Norström, Oonsie Biggs & Rika Preiser
	09:30 – 10:00 (30min)	Scenarios: Balancing the Computable and the Noncomputable	Steve Carpenter
	10:00 – 10:30 (30min)	Postcards from the edge: transitioning from blue sky to coal face...	Debra Roberts
	10:30 – 11:00 (30min)	Moderated Discussion	
11:00 – 11:30	Tea/Coffee Break , Foyer		

03 NOVEMBER 2015

DAY 1

TUESDAY AM

11:30 – 13:00					
SESSION 2: CONCURRENT SESSIONS					
Venue	Auditorium (A)	Simonsberg (B)	Stellenberg (C)	Helderberg (D)	Wine Cellar (E)
Session	Contributed Session: Transformations in ecosystem services due to urbanization	Contributed Session: Integrating findings from place-based research on ecosystem services and social-ecological dynamics across scales	Thematic Session: Governance and institutions of social-ecological systems	Thematic Session: Cross-scale connections and feedbacks in social-ecological systems	Contributed Session: Seeds of a Good Anthropocene
Chair	H Nagendra & D Maddox	T Vaclavik & R Seppelt	L Schultz	T Luthé	E Bennett, R Preiser, O Biggs, G Peterson, A Norström
Talks	<p>11:30 – 11:45 (15min) Graying & greening in Bangalore – Impacts of urbanization on production and recreational eco-system services Harini Nagendra <u>11:45 – 12:00 (15min)</u></p> <p>Transforming spaces and services constrains livelihoods in Sub-Sahara Africa towns Charlie Shackleton <u>12:00 – 12:15 (15min)</u></p> <p>Telecouplings and Ecosystem Services in an Urbanizing World Jianguo Liu <u>12:15 – 12:30 (15min)</u></p> <p>It is difficult to take in the Glory of the Dandelion David Maddox <u>12:30 – 12:45 (15min)</u></p> <p>The sanitation dilemma of rainforest cities: Urban growth and ecosystem services in the Amazon Estuary-Delta Eduardo Brondizio <u>12:45 – 13:00 (15min)</u></p> <p>Audience Discussion</p>	<p>11:30 – 11:45 (15min) Assessing ecosystem services for informing land use decisions – a problem-oriented approach Johannes Förster <u>11:45 – 12:00 (15min)</u></p> <p>Using land system archetypes to investigate transferability of findings from place-based research Tomas Vaclavik <u>12:00 – 12:15 (15min)</u></p> <p>Exploring uncertainties of monetary valued ecosystem services Stefan Schmidt <u>12:15 – 12:30 (15min)</u></p> <p>Future changes in the provision of ecosystem services in Southeast Asia under climate & land-use scenarios Fanny Langerwisch <u>12:30 – 12:45 (15min)</u></p> <p>Land use-based approach to ecosystem services assessment in participatory coastal management processes Leena Karrasch <u>12:45 – 13:00 (15min)</u></p> <p>Ecosystem service assessment, integrating multi, inter & transdisciplinary results – a case study for rubber production Inga Haeuser</p>	<p>11:30 – 11:45 (15min) The role of actors' values, beliefs, and identities in an integrated watershed management project Raphael Gaus <u>11:45 – 12:00 (15min)</u></p> <p>What happens when 'environmental stewardship' travels the world? On knowledge politics, activism and governmentality Henrik Ernstson <u>12:h00 – 12:15 (15min) - CHANGE</u></p> <p>Interactions between ecosystem management and people's vulnerability to climate variations in 2 Indonesian forest landscapes Giacomo Fedele <u>12h15 – 12h30 (15min)</u></p> <p>The multiple evidence base approach – connecting knowledge systems for governance of social-ecological systems Maria Tengö <u>12h30 – 12h45 (15min)</u></p> <p>A scientometric analysis of scientific discourse on the working for water research programme, 1995–2015 Brent Abrahams <u>12:45 – 13:00</u></p> <p>Audience discussion</p>	<p>11:30 – 11:45 (15min) Regime shifts in the anthropocene: Drivers, risks, and resilience Juan Carlos Rocha <u>11:45 – 12:00 (15min)</u></p> <p>Comparing regional environmental impacts and ecosystem services despite environmental heterogeneity in different parts of the world Markus Meyer <u>12:h00 – 12:15 (15min)</u></p> <p>Cities as mediators of cross-scale connections in social-ecological systems Karen Kotschy <u>12:15 – 12:30 (15min)</u></p> <p>Cooperation is not enough – critical social-ecological conditions for sustainable management of the commons Caroline Schill <u>12h30 – 12h45 (15min)</u></p> <p>Systems thinking and sustainability management: A review of the state of the art Amanda Williams <u>12:45 – 13:00</u></p> <p>Audience Discussion</p>	<p>11:30 – 11:45 (15min) Introduction & rationale of project Oonsie Biggs, Garry Peterson <u>11:45 – 12:00 (15min)</u></p> <p>Methods and tools for analysing seeds Laura Pereira <u>12:h00 – 12:15 (15min)</u></p> <p>Emerging insights from the global survey of seeds Ciara Raudsepp-Hearne <u>12:15 – 12:30 (15min)</u></p> <p>Emerging perspectives from Southern Africa Rika Preiser <u>12:30 – 13:00 (30min)</u></p> <p>Participatory exercise and audience discussion</p>
13:00 – 14:00					
Lunch, Foyer					

03 NOVEMBER 2015

DAY 1

TUESDAY PM

14:00 – 15:30					
SESSION 3: CONCURRENT SESSIONS					
Venue	Auditorium (A)	Simonsberg (B)	Stellenberg (C)	Helderberg (D)	Wine Cellar (E)
Session	Contributed Session: Collaborative transformations toward ecosystem stewardship - A dialogue between theory and practice	Contributed Session: Reconnecting people and ecosystems in fragmented social-ecological landscapes	Thematic Session: Traps and transformations in social-ecological systems	Thematic Session: Social-ecological dynamics of ecosystem services 1	Speedtalk Session
Chair	G Cundill	P O'Farrell	P Olsson	R Seppelt	M Meacham, O Selomane
Talks	<p>14:00 – 14:10 (10min) Collaborative transformations toward ecosystem stewardship. Georgina Cundill</p> <p>14:10 – 14:20 (10min) Landscape Mobilisers' build platforms for collaboration to improve stewardship: Lessons from South Africa Jessica Cockburn</p> <p>14:20 – 14:30 (10min) The operation of social spaces in Vembanad Lake, India Ashish George</p> <p>14:30 – 14:40 (10min) Collaborative management and governance of water resources in the Upper Ewaso Ng'iro basin, Kenya - opportunities and challenges Chinwe Ifejika</p> <p>14:40 – 14:50 (10min) Ecosystem stewardship in Swedish biosphere reserves – from conflict to collaboration Lisen Schultz</p> <p>14:50 – 15:00 (10min) Fostering collaboration in contested landscapes: land rights and identity in collaborative transformations toward stewardship in South Africa Joana Bezerra</p> <p>15:00 – 15:30 (30min) Audience Discussion</p>	<p>14:00 – 14:10 (10min) Knowledge co-production and boundary work Nadia Sitas</p> <p>14:10 – 14:20 (10min) Walking with stakeholders through catchments Dirk Roux</p> <p>14:20 – 14:30 (10min) Modelling tools to support stakeholder co-learning David Le Maitre</p> <p>14:30 – 14:40 (10min) Stakeholders and participatory mapping Christo Fabricius</p> <p>14:40 – 14:50 (10min) Enabling environments for collective action across scales Jeanne Nel</p> <p>14:50 – 15:30 (40min) Audience Discussion</p>	<p>14:00 – 14:15 (15min) Traps and transformations in social-ecological systems Erle Ellis</p> <p>14:15 – 14:30 (15min) Shaking the shackles: Rewiring rigidity trap dynamics in urban water governance through civic engagement in lakes Johan Enqvist</p> <p>14:30 – 14:45 (15min) Identifying barriers to climate change adaptation in Sub-Saharan Africa: What transformations might be needed for a socially-just future? Sheona Shackleton</p> <p>14:45 – 15:00 (15min) Socio-ecological trap in mangrove fisheries of the Bangladesh Sundarbans Mohammad Islam</p> <p>15:00 – 15:15 (15min) Fisheries-induced evolutionary regimes Pietro Landi</p> <p>15:15 – 15:30 (15min) Audience Discussion</p>	<p>14:00 – 14:15 (15min) Social-ecological dynamics of ecosystem service interactions in the Monteregie, Quebec, Canada Elena Bennett</p> <p>14:15 – 14:30 (15min) Making the connection: linking biodiversity, ecosystem services and human well-being in South Africa Maike Hamann</p> <p>14:30 – 14:45 (15min) Changes in biodiversity and trade-offs among ecosystem services, stakeholders and components of well-being: the contribution of the filter to pecc Patricia Balvanera</p> <p>14:45 – 15:00 (15min) Farm-level mapping of multiple ecosystem services in a diverse agricultural landscape in the Drakensberg, South Africa Rebecka Malinga</p> <p>15:00 – 15:15 (15min) The importance of social context for determining the contribution of ecosystem services to poverty alleviation Björn Schulte-Herbrüggen</p> <p>15:15 – 15:30 (15min) A basic needs approach to understanding the complex link between coastal ecosystem services and human wellbeing Tomas Chaigneau</p>	<p>14:00 – 14:30 (30min) 6 x 5min speedtalks:</p> <p>Group 1 – Wine Cellar Helene Ahlborg Michelle Audouin Ryan Blanchard Gregg Brill Ancia Cornelius Ilse Ruiz-Mercado</p> <p>Group 2 – Tamboer Lounge Améline Vallet Jacob Ziegler Louise Gammage Linda Luvuno Simphiwe Ngcobo Katre Leino</p> <p>14:30 – 15:00 (30 min) Group discussions in both venues</p>



03 NOVEMBER 2015 | DAY 1 | TUESDAY PM

15:30 – 17:00	POSTER SESSION with Photo Exhibition, Cheese & Wine, Wine Cellar
17:00 – 18:30	WALKABOUTS – Variety of walks around the wine estate, focusing on different topics, departing from The Courtyard
17:00	Scheduled Shuttles , Spier Conference Centre to Evergreen Manor & Stellenbosch Lodge
18:30	Scheduled Shuttles , Spier Conference Centre to Evergreen Manor & Stellenbosch Lodge

04 NOVEMBER 2015 | DAY 2 | WEDNESDAY AM

08:00	Scheduled Shuttles , Evergreen Manor & Stellenbosch Lodge to Spier Conference Centre	
08:00 – 17:00	Registration Open , Foyer	
08:30 – 09:00	Tea/Coffee on Arrival , Foyer	
09:00 – 10:30	SESSION 1: PLENARY , Auditorium	
	09:00 – 09:05 (05min)	Announcements Albert Norström PECS
	09:05 – 09:35 (30min)	Social-ecological systems in the Anthropocene: new dynamics, challenges and opportunities Garry Peterson
	09:35 – 10:05 (30min)	A Cultural Ecology of the Anthropocene: Understanding Social-Ecological Dynamics in the Amazon Delta Eduardo Brondizio
	10:05 – 10:30 (25min)	Moderated Discussion
10:30 – 11:00	Tea/Coffee Break , Foyer	

04 NOVEMBER 2015

DAY 2

WEDNESDAY AM

11:00 – 13:00	SESSION 2: CONCURRENT SESSIONS				
Venue	Auditorium (A)	Simonsberg (B)	Stellenberg (C)	Helderberg (D)	Wine Cellar (E)
Session	Innovative Session: Balancing place-based and global perspectives - Challenges and opportunities	Innovative Session: Collaborative systemic inquiry as a critical component of social-ecological governance and resilience building	Innovative Session: Dynamic urban regions	Innovative Session: What does it mean to be a place-based social-ecological systems researcher? Reflections on tools, competencies and positionality	Innovative Session: Seeds of a Good Anthropocene - the game
Chair	P Balvanera	S Pollard, H Biggs	X Bai, T Elmqvist	J Cockburn, V Masterson, O Selomane	J Vervoort, O Biggs, G Peterson, E Bennett, L Pereira, C Raudsepp-Hearne and A Norström
Talks	Introduction of the advantages of international collaborations and the links between place based results in contrasting contexts emerging from networks such as PECS. The aim of this workshop is to further inquire on the challenges and opportunities for balancing place-based and global perspectives in sustainability research.	Taking resilience-building onto the streets and into the community halls where planning and action emerge ... allowing systemic co-construction between relevant players and across governance scales ... this has been what the RESILIM-O project has been working at in transboundary natural resource management and climate change preparedness, for more than two years in the Olifants River Basin. We wish to draw in a participating audience at this meeting, and explore with you in interactive ways how social learning, coupled to actual practices, can ultimately be institutionalised as ongoing resilience-building governance.	This workshop will outline the framework for a multi-national interdisciplinary place-based comparative research initiative building upon on-going, but independent research in several highly dynamic regions, aiming to understand: a) drivers of urban growth; b) the role of actors/agencies /policies/external processes (such as foreign investment) in urban growth; c) interlinkages (trade-offs and synergies) between different processes and urban and rural areas; d) the impacts (social, economic, environmental and human wellbeing) of rapid urbanization and associated processes, e) the opportunities for improved human well-being and sustainable use of resources, and f) leverage points for interventions and actionable options towards sustainability transitions.	PART I: Game of Theories – A Contest of Beliefs A creative discussion in a “game arena” highlighting different beliefs, arguing their merits and disadvantages, exploring the emergent identity of SES researchers in sustainability science. Groups of participants will assume opposing identities in a debate which will be made up of a number of quick-fire rounds, each with its own topic PART II: Learning from place-based case study research Many SES young scholars are conducting place-based research, at a variety of scales. What are the tools, approaches, and competencies which are required for effective and engaged social-ecological research?	Interactive game session that focuses on generating creative scenarios about transformations toward a better Anthropocene. Session leaders from the group involved in the game design include Joost Vervoort, Oonsie Biggs, Stephen Carpenter, Per Olsson, Elena Bennett, Laura Pereira, Ciara Raudsepp-Hearne, Victor Galaz and Albert Norström. Players will be recruited from PECS participants both before and during the conference.
13:00 – 14:00	Lunch, Foyer				

04 NOVEMBER 2015

DAY 2

WEDNESDAY PM

14:00 – 15:30					
SESSION 3: CONCURRENT SESSIONS					
Venue	Auditorium (A)	Simonsberg (B)	Stellenberg (C)	Helderberg (D)	Wine Cellar (E)
Session	Innovative Session: Financial markets and the biosphere – current debates and research frontiers	Innovative Session: Biocultural systems in the anthropocene – building connections between people and nature in development interventions?	Thematic Session: Governance and institutions of social-ecological systems 2	Thematic Session: Social-ecological dynamics of ecosystem services 3	Thematic Session: Social-ecological dynamics of ecosystem services 3
Chair	V Galaz	M Tengö	L Pereira	B Martin-Lopez	C Raudsepp-Hearne
Talks	<p>14:00 – 14:10 (10min) How are financial institutions implicated in the Anthropocene – debates and frontiers Cecilia Repinski</p> <p>14:10 – 14:20 (10min) Understanding Financial “Telecouplings” – Financial actors as change agents of global environmental change Victor Galaz</p> <p>14:20 – 14:30 (10min) The corporate bond water risk tool –resources for the finance sector to integrate natural capital risks and opportunities Anders Nordheim</p> <p>14:30 – 14:40 (10min) Nedbank’s work on biodiversity Vicky Beukes</p> <p>15:00 – 15:10 (10min) Discussion Facilitated by Fredrik Moberg</p>	<p>14:00 – 14:15 (15min) Linking and navigating social-ecological systems – the role of local and traditional knowledge Maria Tengö</p> <p>14:15 – 14:30 (15min) Biocultural approaches to neotraditional human-nature interactions Michelle Cocks</p> <p>14:30 – 14:45 (15min) Biocultural refugia in the Anthropocene Stephan Barthel</p> <p>14:45 – 15:00 (15min) Connections to rural “home” landscapes of the former Transkei homeland, South Africa Vanessa Masterson</p> <p>15:00 – 15:30 (15min) Audience Discussion</p>	<p>14:00 – 14:15 (15min) - CHANGE Do policy networks connect actors with different agendas related to local and global ecosystem services? Cases of Peru And Brazil Bruno Locatelli</p> <p>14:15 – 14:30 (15min) Money and motives: Private conservation areas Hayley Clements</p> <p>14:30 – 14:45 (15min) The role of agency science in obtaining the evidence based for conservation management and policy Dirk Roux</p> <p>14:45 – 15:00 (15min) Synchronized peak-rate years of global resources use Ralf Seppelt</p> <p>15:00 – 15:15 (15min) Towards integrated social-ecological indicators for tracking progress to sustainable development: Exploring the contribution and gaps in existing global data Odirilwe Selomane</p> <p>15:15 – 15:30 (15min) Audience Discussion</p>	<p>14:00 – 14:15 (15min) Investigating mid-sized cities in rural Western US as social ecological systems: The miles program (managing Idaho's landscapes for ES) Antonio Castro</p> <p>14:15 – 14:30 (15min) Socioecological dynamics in response to urban flooding and land abandonment in New Orleans following Hurricane Katrina Joshua Lewis</p> <p>14:30 – 14:45 (15min) Biodiversity for society—a reflection on Kruger National Park as a benefit provider and a benefactor Louise Swemmer</p> <p>14:45 – 15:00 (15min) Linkages between food security, livelihood shocks, and natural resource use: insights from a longitudinal dataset from rural South Africa Wayne Twine</p> <p>15:00 – 15:15 (15min) Detecting potential impacts on ecosystem services related to ecological regime shifts—A matter of wording Juan Rocha</p> <p>15:15 – 15:30 (15min) Audience Discussion</p>	<p>14:00 – 14:15 (15min) Cultural ecosystem services, resilience and place attachment within vineyards threatened to be abandoned Beni Rohrbach</p> <p>14:15 – 14:30 (15min) Understanding impact of community-based conservation on perceptions of ecosystem services and human wellbeing: insights from coastal Kenya Shauna Mahajan</p> <p>14:30 – 14:45 (15min) Systems maps and future scenarios- tools for enhanced systems understanding in coastal Kenya and Mozambique Kate Brown</p> <p>14:45 – 15:00 (15min) Socio-ecological effects of forest regime shifts: Identifying resilience through community-based perception Rafael Calderón-Contreras</p> <p>15:00 – 15:15 (15min) Native tree species in forest carbon projects to recover and advance socio-ecological systems in Africa Anne Mette Lykke</p> <p>15:15 – 15:30 (15min) Audience Discussion</p>
15:30 – 16:00					
Tea/Coffee Break, Foyer					

04 NOVEMBER 2015

DAY 2

WEDNESDAY PM

16:00 – 17:00	SESSION 4: CONCURRENT SESSIONS				
Venue	Auditorium (A)	Simonsberg (B)	Stellenberg (C)	Helderberg (D)	Wine Cellar (E)
Session	Contributed Session: Finding structure in diversity: functional traits and their use in studies of social-ecological systems	Contributed Session: Ecosystem service trade-offs and synergies – patterns across case-studies	Contributed Session: Multi-scale adaptations to climate change and social-ecological sustainability in coastal areas	Contributed Session: Addressing power in the governance and resilience of social-ecological systems	Speed Talk Session
Chair	E Andersson	A Norström	C Fabricius	C Ifejika Speranza	M Sellberg
Talks	<p>16:00 – 16:10 (10min) Ecosystem services and human preferences Julie Goodness</p> <p>16:10 – 16:20 (10min) Ecological resilience and green infrastructure Erik Andersson</p> <p>16:20 – 16:30 (10min) Urban species richness, traits, and resilience Timon McPhearson</p> <p>16:30 – 16:40 (10min) Comparative trait studies Discussion Pippin Anderson</p>	<p>16:00 – 16:15 (15min) Unbundling ecosystem service bundles: Key considerations for the assessment of ecosystem service bundles Megan Meacham</p> <p>16:15 – 16:30 (15min) A simple typology of ecosystem service tradeoffs: How the sign and shape of the tradeoff frontier indicate the type of policy required to maximize benefits Bob Scholes</p> <p>16:30 – 16:45 (15min) Social relationships across spatial scales matter in the analysis of ecosystem services bundles Berta Martin-Lopez</p> <p>16:45 – 17:00 (15min) Ecosystem service bundles and trade-offs: Lessons from local practice Sander Jacobs</p>	<p>16:00 – 16:10 (10min) Frameworks, feedbacks and foresight: grappling with the wicked problem of adaptations to global change in coastlines Christo Fabricius</p> <p>16:10 – 16:20 (10min) From Cornwall to Eden via Languedoc: A comparative analysis of coastal vulnerabilities to climate change in Britain, France, and South Africa through the IAD and Robustness Framework lens Ute Brady</p> <p>16:20 – 16:30 (10min) Place attachment, demographic change and perception of risk in coastal areas Tara Quinn</p> <p>16:30 – 16:40 (10min) Formal discourses and public perceptions about risk, vulnerability and adaptations to global change in coastlines Katrina Brown</p> <p>16:40 – 16:50 (10min) A typology of transfers of vulnerability and robustness in SES prone to global changes Olivier Barreteau</p> <p>16:50 – 17:15 (25min) Facilitated Discussion Nadia Sitas, Christo Fabricius</p>	<p>16:00 – 16:15 (15min) Land governance, power and social-ecological resilience in the Caroni Region, Trinidad Desiree Daniel, Chinwe Ifejika Speranza</p> <p>16:15 – 16:30 (15min) Ecosystem services flows: why stakeholders' power relationships matter Maria Felipe-Lucia</p> <p>16:30 – 16:45 (15min) Competing place narratives of social-ecological ecotopes and places within a proposed co-management nature reserve in the former Transkei, South Africa Vanessa Masterson</p> <p>16:45 – 17:00 (15min) Audience Discussion</p>	<p>16:00 – 16:40 (40min) 8 x 5min speedtalks: Athina Copteros Ulrika Gunnarsson-Östling Saori Ogura Uche Okpara Avinash Venkata Adavikolanu Roelof Burger Alison Goldstuck Ugo Arbieu</p> <p>16:40 – 17:00 (20min) Group Discussion</p>
18:00 – 24:00	CONFERENCE PICNIC, WINE TASTING & PARTY , Spier Wine Tasting Room				
21:00	Scheduled Shuttles , Spier Wine Tasting Centre to Evergreen Manor & Stellenbosch Lodge				
24:00	Scheduled Shuttles , Spier Wine Tasting Centre to Evergreen Manor & Stellenbosch Lodge				



05 NOVEMBER 2015

DAY 3

THURSDAY AM

08:00	Scheduled Shuttles , Evergreen Manor & Stellenbosch Lodge to Spier Conference Centre. REMINDER: Check-out at hotel. Luggage may be stored at Spier / Registration Desk.				
08:00 – 17:00	Registration Open , Foyer				
08:30 – 09:00	Tea/Coffee on Arrival , Foyer				
09:00 – 10:30	SESSION 1: PLENARY , Auditorium				
	09:00 – 09:05 (05min)	Announcements			Albert Norstrom PECS
	09:05 – 09:35 (30min)	Social-ecological systems approaches for development in the Anthropocene: experiences from South Africa			Belinda Reyers
	09:35 – 10:05 (30min)	Agroforestry solutions for reconciling resource use and biodiversity conservation in Africa			Cheikh Mbow
	10:05 – 10:30 (25min)	Moderated Discussion			
10:30 – 11:00	Tea/Coffee Break , Foyer				
11:00 – 12:30	SESSION 2: CONCURRENT SESSIONS				
Venue	Auditorium (A)	Simonsberg (B)	Stellenberg (C)	Helderberg (D)	Wine Cellar (E)
Session	Innovative Session: value of landscape stewardship for managing social-ecological systems	Contributed Session: Interrogating a third space: what methods are appropriate for understanding social-ecological systems?	Thematic Session: Social-ecological dynamics of ecosystem services 4	Thematic Session: Governance and institutions of social-ecological systems 4	Contributed session: Body-based creative movement
Chair	C Raymond	A De Vos, R Preiser, O Biggs	E Bennett	M Spierenburg	A Copteros
Talks	Rapid-fire perspectives on landscape stewardship: 11:00 - 11:05 (05min) Christopher Raymond 11:05 – 11:10 (05min) Erik Andersson 11:10 – 11:15 (05min) Maria Tengö 11:15 - 11:20 (05min) Georgina Cundill 11:20 – 11:25 (05min) Carl Folke 11:25 – 11:30 (05min) Harry Biggs 11:30 – 11:35 (05min) Christo Fabricius 11:35 – 12:30 (55min) Moderated discussion between audience & panel	11:00 – 11:05 (05min) Introduction to SES methods project & session Oonsie Biggs 11:05 – 11:20 (15min) Complexity and social-ecological systems: A conceptual exploration Rika Preiser 11:20 – 11:35 (15min) Methods in social-ecological systems: A systematic review Alta De Vos 11:35 – 11:50 (15min) Transdisciplinarity & learning Heila Lotz-Sisitka 11:50 – 12:05 (15min) Panel responses by: P Balvenera, B Martin-Lopez, V Masterson, G Peterson 12:05 – 12:30 (25min) Audience discussion	11:00 – 11:15 (15min) Exploring the role of provisioning services in households' response to vulnerability in the dry woodlands of Venda, South Africa Fiona Paumgarten 11:15 – 11:30 (15min) Exploring trade-offs between agricultural production and biodiversity Anna Cord 11:30 – 11:45 (15min) Valuing socio-economic benefits of investing in sustainable land management in the upper Tana River Basin, Kenya Adrian Vogl 11:45 – 12:00 (15min) Trade-offs in ecosystem services payments: Water, biodiversity & cultural services in Vietnam Pamela McElwee 12:00 – 12:15 (15min) Ecological restoration and large dam construction: inherent social-ecological tradeoffs, contradictions and solutions Helen Fox 12:15 – 12:30 (15min) Embedding an ecosystem services framework in appraisal: key barriers and enablers Camilla Adelle	11:00 – 11:15 (15min) Fostering changes towards transformation in a pelagic tropical fishery: a case of The Bali Sardinella Fishery in Indonesia Eny Buchary - CANCELLED 11:15 – 11:30 (15min) Emergence and spread of social-ecological fit in management of urban lake networks Johan Enqvist 11:30 – 11:45 (15min) When the tea hits the fan: Role of governance & institutions in rooibos & honeybush production systems Rhoda Malgas 11:45 – 12:00 (15min) Transformative capacity in the Anthropocene: 3 Strategic imperatives for understanding large-scale systemic change towards sustainability Per Olsson 12:00 – 12:15 (15min) Ecosystem service trade-offs under future management scenarios in Unesco biosphere reserves Zuzana Harmackova 12:15 – 12:30 (15min) Audience Discussion	Participate in a body-based creative movement experience exploring the meaning of transdisciplinarity Dance Movement Psychotherapy as a body-based methodology of engagement is explored in the research work of Rhodes University
12:30 – 13:30	Lunch , Foyer				

05 NOVEMBER 2015

DAY 3

THURSDAY PM

13:30 – 15:00					
SESSION 3: CONCURRENT SESSIONS					
Venue	Auditorium (A)	Simonsberg (B)	Stellenberg (C)	Helderberg (D)	Wine Cellar (E)
Session	Contributed Session: Towards new approaches for sustainable development planning	Thematic Session: Governance and institutions of social-ecological systems 4	Contributed Session: Gastronomic landscapes. Can the art of eating well enhance biosphere stewardship?	Thematic Session: Cross-scale connection and feedbacks in social-ecological systems 2	Contributed Session: One Table Two Mountains: A film on Ways of Knowing Urban Nature in Cape Town
Chair	B Reyers	G Peterson	L Pereira & L Gordon	B Scholes	H Ernstson
Talks	<p><u>13:30 – 13:40 (10min)</u> Implementing the sustainable development goals: the role of science in fostering integrated approaches Farooq Ullah</p> <p><u>13:40 – 13:55 (15min)</u> Sustainable development planning through explicit consideration of nature's services: progress and new frontiers Anne Guerry</p> <p><u>13:55 – 14:10 (15min)</u> Equity and environmental change in an urbanising world Bonnie Keeler</p> <p><u>14:10 – 14:25 (15min)</u> Exploring knowledge co-production for sustainable development planning in South Africa Nadia Sitas</p> <p><u>14:25 – 14:35 (10min)</u> Measuring sustainable development with social-ecological data and indicators Odirilwe Selomane & Maïke Hamann</p> <p><u>14:35 – 15:00 (25min)</u> Panel Discussion M Ruckelshaus, J Nel, D Roberts, F Ullah, C Folke</p>	<p><u>13:30 – 13:45 (15min)</u> Intermediaries and learning in sustainability-oriented urban transitions: A transdisciplinary case study from Stellenbosch Municipality Megan Davies</p> <p><u>13:45 – 14:00 (15min)</u> Benefits & challenges of cross-fertilizing resilience assessment and the approach of the transition movement My Sellberg</p> <p><u>14:00 – 14:15 (15min)</u> Participatory approaches to develop urban adaptation strategies through ecosystem-based adaptation: A case of three pilot cities in the Czech Republic Eliska Krkoska Lorencova</p> <p><u>14:15 – 14:30 (15min)</u> Shaping socio-ecological resilience by building the adaptive capacity of local youth: The flow project in Bergrivier Municipality Gina Ziervogel</p> <p><u>14:30 – 14:45 (15min)</u> Punctuated Complexity: Resilience and landscape dynamics in Southern Madagascar the Longue Durée Paul Sinclair</p> <p><u>14:45 – 15:00 (15min)</u> Audience Discussion</p>	<p><u>13:30 – 13:42 (12min)</u> Why are we ignoring our local gastronomic gems? Loubie Rousch</p> <p><u>13:42 – 13:50 (8min)</u> Chefs as innovators of agrobiodiversity Laura Pereira</p> <p><u>13:50 – 14:02 (12min)</u> Rethinking Consumption Zayaan Khan</p> <p><u>14:02 – 14:10 (8min)</u> Gastronomic Landscapes: a new framework Line Gordon</p> <p><u>14:10 – 14:22 (12min)</u> Tyisa Nabanye: experimentation in urban permaculture Mzu Zele, Unathi Dyanti, Chuma Mgcoyi- Tyisa Nabanye</p> <p><u>14:22 – 14:30 (8min)</u> Nutrition Sensitive Landscapes Fabrice DeClerk</p> <p><u>14:30 – 15:00 (30min)</u> Audience discussion</p>	<p><u>13:30 – 13:45 (15min)</u> Knowledge co-production and boundary work to promote implementation of integrated spatial plans Jeanne Nel</p> <p><u>13:45 – 14:00 (15min)</u> Cross-scale connections for systemic conservation governance: Enabling feedbacks from global targets to local action and back Dirk Roux</p> <p><u>14:00 – 14:15 (15min)</u> Expanding the protected area network in Namibia: Identifying and categorising stakeholders around the Etosha National Park Lelani Mannetti</p> <p><u>14:15 – 14:30 (15min)</u> The design and application of participatory modelling in linked human-environmental systems. Experience and reflection from the Volta River Basin, Africa Julius Kotir - CANCELLED</p> <p><u>14:30 – 14:45 (15min)</u> Impossible or inevitable: Scaling innovation in agro-ecological systems Saskia Van Oosterhout - CANCELLED</p> <p><u>14:45 – 15:00 (15min)</u> Audience Discussion</p>	<p><u>13:30-14:15 (45min)</u> "One Table Two Elephants." This documentary follows on one hand ecologists and 'experts' and how they work to place the urban nature of Cape Town 'in the know', mainly using cartesian scientific practices like maps and GIS. On the other hand the film also traces alternative ways of knowing urban nature. The film is made in collaboration between Dr. Jacob von Heland (Telltales) and Dr. Henrik Ernstson (KTH, UCT)</p> <p><u>14.15-15.00 (45min)</u> Discussion. Facilitated discussion with audience. What does knowledge politics about urban nature and ecology mean in rapidly urbanising and highly unequal cities of the world? What does it mean when we contrast expert-ways of knowing with those of 'non-experts'? And finally, what does it mean to use film as a tool for research to demonstrate and provoke discussions about knowledge politics? Does for instance film bring something that ethnography or more conventional methods of research brings?</p>
15:00 – 15:30	Tea/Coffee Break, Foyer				



05 NOVEMBER 2015

| DAY 3

| **THURSDAY PM**

15:30 – 16:30	CLOSING PLENARY , Auditorium		
	15:30 – 16:15	Reflections, lessons and ways forward from PECS2015	Paul van Gardingen, Berta Marin-Lopez, Marja Spierenburg
	16:15 – 16:30	Closing remarks	Albert Norström, Oonsie Biggs, Rika Preiser