

GSHDL/CRC1266 International Open Workshop 11-16 March 2019

Session 11:

Social resilience to climate changes with perspectives on the past 5000 years

Programme

Convener: Liang E. Yang, Mara Weinelt, Joana Seguin, Ingmar Unkel, Jutta Kneisel, Artur Ribeiro

Wednesday, 13th March

<i>Joint poster session</i>		
15.30	Transmission pathways of China's historical climate change impacts based on a food security frame work	<i>Jia He</i>
15.35	The Africa Story: Social Resilience to Climate Changes with Perspectives in the past 5000 years	<i>Queen Linda Chinozvina</i>
15.40	Analysis of the Evolution of Extreme Drought Events Based on Complex Networks - Take Dingwu Qihuang as an example	<i>Xianshuai Zhai</i>
15.45	Disentangling climate and human factors in the settlement of the Maori in the North Island of New Zealand: A multi-proxy approach	<i>Ronald Lloren</i>
15.50	Historical Environmental Extreme Events in China: Magic, Mysteries, and Challenges	<i>Hongming He</i>
15.55	Modeling the social resilience of mountain communities to climate change extreme events: A case of Northern areas of Pakistan	<i>Muhammad Abid</i>
16.00	Holocene sediment transfer and monsoon variability with human settlement in the Godavari River of Peninsular India: Inferences from Mineral Magnetism	<i>Y. R. Kulkarni</i>

Thursday, 14th March

<i>Time</i>	<i>Talk</i>	<i>First author</i>
08.30	Megadrought, Collapse and Resilience at 4.2 ka BP across West Asia	<i>Harvey Weiss</i>
09.00	The Roman Empire: on the brink of collapse	<i>Paul Erdkamp</i>
09.20	Boom and bust cycles in Neolithic Europe: climate sensitivity or social dynamics?	<i>Kai Wirtz</i>
09.40	The Toledo Mountains, a resilient landscape and a landscape for resilience. Hazards and strategies in a mid-mountain complex in central Spain	<i>Reyes Luelmo-Lautenschlaeger</i>
COFFEE BREAK		
10.30	Social resilience to climate changes in the Lake Ladoga basin during the past 5000 years	<i>Tatyana Sapelko</i>
10.50	Cold and dry winters 4200 years ago in the Northern Hemisphere and their impact on human societies	<i>Aurel Persoiu</i>
11.10	Paleo-climatic impacts and socio-cultural system resilience along the historical Silk Road	<i>Liang Emlyn Yang</i>
11.30	The Utopia of the mountain: resilience and collapse of a social-environmental system	<i>Alessio Cinti</i>
11.50	Discussion	

LUNCH BREAK		
13.30	Impact of climate change and resilience of human societies in Eurasian continent during the last millennium	<i>David Dian Zhang</i>
14.00	NEO-ARABIA: Analysis of sustainability and reorganisation of Arabian coastal Neolithic socio-ecological systems during the Mid-Holocene period (6.2-2.8 ka BC)	<i>Jean-Francois Berger</i>
14.20	Response of social evolution to climate change during late prehistoric and historical periods in the Hexi Corridor, northwest China	<i>Liu Yang</i>
14.40	Bell Beakers and the 4.2ka event: when worlds collide?	<i>Jos Kleijne</i>
COFFEE BREAK		
15.30	How was the ancient trans-Eurasia culture exchange affected by climate change?	<i>Guanghui Dong</i>
15.50	How to 'downsize' a complex society: experiments with agent-based models to assess the resilience of Indus Civilisation settlements to past climate change	<i>Andreas Angourakis</i>
16.10	Rethinking the 8.2 cal BP event: Resilience and Collapse in the Konya Plain in Central Anatolia	<i>Peter Biehl</i>
16.30	Long-term socio-ecological change in Cambodia Part 2: the exacerbating influence of control structures and material inflexibility on social resilience	<i>Tegan Hall</i>
16.50	Discussion	

Friday, 15th March

<i>Time</i>	<i>Talk</i>	<i>First author</i>
08.30	Temperature changes and difference of hydro-climatic pattern between centennial cold and warm periods in China for the past 2000 years	<i>Jingyun Zheng</i>
09.00	Resilience and Landscape Transformation during the Bronze and Iron Age in a Mountain Steppe (Tsaghkahovit Plain, Armenia)	<i>Amy Cromartie</i>
09.20	Climate change and the grain price anomaly around the turn of the 19th century in North China Plain	<i>Yanjun Wen</i>
09.40	Is landscape intensity resilient? A comparative view from South Asia	<i>Adam Green</i>
COFFEE BREAK		
10.30	Impacts of recurring extreme climatic events on societies and landscapes in Provence and Southern French Alps during the past 800 years	<i>Nicolas Maughan</i>
10.50	Temperature changes during the past millennium along the Ancient Silk Road and Social events	<i>Zhixin Hao</i>
11.10	Aridization and social resilience in Argentinean Andean prehistory	<i>Malena Pirola</i>
11.30	Ancestral Puebloan maize farmers in Utah distribution and growing season length using a statistically downscaled climate model, 850-1450 CE	<i>Marcus Thomson</i>
11.50	Discussion	
LUNCH BREAK		
13.30	Political Participation and Social Resilience to Climate-Related Disasters	<i>Peter Peregrine</i>
14.00	Integrating collapse theories to understand robust designs for social-ecological systems governance	<i>Cathy Rubinos</i>
14.20	How Europe and the Qing Dynasty Endured the Little Ice Age: Social Resilience Norms, and Adaptable Governance	<i>Susann Handke</i>

14.40	The role of swidden agriculture in contributing to long-term socio-ecological resilience in north-east Cambodia	<i>Rebecca Hamilton</i>
COFFEE BREAK		