

## LIST OF PARALLEL SYMPOSIA AND SESSIONS

**Symposium 01 - Disappearing snow and altered ecosystems: Observations, experiments, and outcomes.** Brian Buma  
*Day Thursday 4<sup>th</sup> Room U6-1a*

**Symposium 02 - From conservation priority area to ecological security pattern.** Jian Peng, Jeroen Meersmans *Day Tuesday 2<sup>th</sup> Room U6-1c*

**Symposium 03 - Integrating food systems into landscape research.** Maria Garcia-Martin, Tobias Plieninger, Mario Torralba *Day Thursday 4<sup>th</sup> Room U6-07*

**Symposium 04 - Reconstructing past landscapes to simulate future sustainable scenarios through multidisciplinary approaches.** Rebecca Kariuki, Colin Courtney-Mustaphi, Claudia Capitani *Day Thursday 4<sup>th</sup> Room U6-1d*

**Symposium 05 - The ecological role of sound in terrestrial and aquatic landscapes: theories, methods and application of ecoacoustics.** Almo Farina, Susan Fuller, Sandra Muller, Alice Eldridge, Gianni Pavan *Day Thursday 4<sup>th</sup> Room U6-1b*

**Symposium 07 - Anthropocene or Urbanocene? The need of a new theory of global sustainability, including urban metabolism.** Massimo Palme, Luis Inostroza, Daniele La Rosa *Day Friday 5<sup>th</sup> Room U6-1c*

**Symposium 08 - Towards a 'traits' framework that is both ecologically and socio-culturally relevant: Functional traits beyond life history characteristics. Join a discussion on theory and application.** Erik Andersson, Dagmar Haase, Timon McPhearson, Johannes Langemeyer *Day Tuesday 2<sup>th</sup> Room U6-1d*

**Symposium 09 - Scoping with future challenges in mountain landscapes.** Uta Schirpke, Ulrike Tappeiner, Georg Leitinger *Day Tuesday 2<sup>th</sup> Room U6-04 Aula Martini*

**Symposium 10 - Using landscape simulation models to help balance conflicting goals in a changing forest: from timber production to carbon sequestration and biodiversity conservation.** Anouschka Hof, Miguel Montoro Girona, Caren Dymond *Day Tuesday 2<sup>th</sup> Room U6-03*

**Symposium 11 - From urban agriculture to edible cities – challenges and chances for approaching sustainable urban socio-ecological systems.** Martina Artmann, Jan Vávra, Rommel Marius *Day Tuesday 2<sup>th</sup> Room U6-08*

**Symposium 12 - Landscape resilience and ecological governance in Anthropocene.** Yangfan Li, Yi Li *Day Thursday 4<sup>th</sup> Room U6-08*

**Symposium 13 - Addressing the challenges of the Anthropocene with strategic planning: novel ways to couple ecological sciences and territorial governance.** Hersperger Anna M., Grădinaru Simona R., Pierri Daunt Beatriz *Day Tuesday 2<sup>th</sup> Room U6-07*

**Symposium 14 - Linking natural and anthropogenic forces: landscape pattern and processes in global urbanized deltas and lowlands.** Zhifeng Wu, Paolo Tarolli, Xiuzhen Li *Day Tuesday 2<sup>th</sup> Room U6-18*

**Symposium 15 - Toward a landscape-scale management of large carnivores in human-dominated areas.** Olivia Dondina, Valerio Orioli, Alberto Meriggi *Day Friday 5<sup>th</sup> Room U6-05*

**Symposium 16 - Data Science in environmental research, planning and evaluation – for a scalable multi-source environmental monitoring network.** Lausch Angela *Day Thursday 4<sup>th</sup> Room U6-1a*

**Symposium 17 - Metropolitan Landscapes. Resilient articulation of the interface between city, agriculture and nature promoting the quality of dwelling and ensure the human well-being within the metropolis.** Antonella Contin, Domingo Sanchez Fuentes, Ramon Reyes *Day Tuesday 2<sup>nd</sup> Room U6-1a*

**Symposium 18 - Temporal dynamics in landscape science: New applications and opportunities in social-ecological systems.** Alexander Killion, Mario Torralba, Patrick Behrer, Jessica Gilbert, Adam Dixon *Day Thursday 4<sup>th</sup> Room U6-05*

**Symposium 19 - Promoting Ecosystem Services for Sustainable Development Goals.** Wenwu Zhao, Manish Kumar Goyal, Yihe Lu, Paolo Tarolli, Stefani Daryanto *Day Tuesday 2<sup>nd</sup> and Thursday 4<sup>th</sup> Room Aula Magna*

**Symposium 20 - Challenges of Arid and Semi-Arid Landscapes in the Anthropocene: Searching for New approaches for Adaptation, Conservation, Planning and Management.** Sima Fakheran, Wenjiang Liu, Xi Chen, Josef Senn *Day Friday 5<sup>th</sup> Room Aula Magna*

**Symposium 22 (together with 48) - Land-use legacies and forest change: understanding the past to forecast the future.** Matteo Garbarino, Peter Weisberg *Day Tuesday 2<sup>th</sup> Room U6-09*

**Symposium 24 - Multiple roles for landscape ecology in future farming systems.** Diane Pearson, Richard Aspinall, Julian Gorman [Day Thursday 4<sup>th</sup> Room U6-10](#)

**Symposium 26 - Application of novel remote sensing data and techniques to habitat and biological assessments.** Bronwyn Price, Christian Ginzler, Janine Bolliger [Day Thursday 4<sup>th</sup> Room U6-09](#)

**Symposium 27 - Working with Natural Processes: Co-benefits at the Landscape Scale.** Jessica Neumann, Chris Short, Emma Shuttleworth [Day Friday 5<sup>th</sup> Room U6-1d](#)

**Symposium 28 - Forest disturbances as drivers of tree species range shifts under global change.** Juha Honkaniemi, Brian Buma [Day Friday 5<sup>th</sup> Room U6-02](#)

**Symposium 29 - Good anthropocene practices in contributing landscape ecology. Discourses and perspectives on governance process towards resilience and adaptation of complex systems.** Angela Colucci, Emma Puerari, Luca Sára Bródy [Day Friday 5<sup>th</sup> Room U6-08](#)

**Symposium 30 - Mapping and monitoring farmland biodiversity and ecosystem services.** Felix Herzog, Yunhui Liu, Majid Iravani, Tian Xiang Yue [Day Tuesday 2<sup>nd</sup> and Thursday 4<sup>th</sup> Room U6-02](#)

**Symposium 31 - Biocultural Seascapes of the Anthropocene.** Gloria Pungetti, Sun-Kee Hong [Day Thursday 4<sup>th</sup> Room U6-06](#)

**Symposium 32 - Past, present, and future resilience of forest landscapes: Unpacking effects of multi-scale climate change.** Rupert Seidl, Winslow D. Hansen [Day Friday 5<sup>th</sup> Room U6-1e](#)

**Symposium 35 - Planning and design for sustainable and healthy cities: mainstreaming urban ecological measures beyond demonstration projects.** Ina Saumel, Federica Larcher [Day Friday 5<sup>th</sup> Room U6-1b](#)

**Symposium 36 - The importance of coppice forests for landscape diversity and the factors influencing the proportion and distribution of young growth stages.** Debbie Bartlett, Valeriu-Norocel Nicolescu [Day Thursday 4<sup>th</sup> Room U6-1e](#)

**Symposium 38 - 3-D landscape metrics and visualization techniques - applications in spatial planning, environmental assessment and participatory decision processes.** Christine Fürst, Mihai Stupariu, Ileana Stupariu [Day Friday 5<sup>th</sup> Room U6-06](#)

**Symposium 39 - The design of the contemporary cities through a green and blue infrastructure for Ecosystem services provision.** Silvia Ronchi, Andrea Arcidiacono, Angela Colucci [Day Tuesday 2<sup>th</sup> Room U6-1a](#)

**Symposium 40 - Challenge and opportunity in the creation of bee landscapes.** Sabine van Rooij, Eveliene Steingrover, Arjen de Groot, Lawrence Jones-Walters [Day Thursday 4<sup>th</sup> Room U6-08](#)

**Symposium 41 - Ecology, water and the city: strengthening water-sensitive planning with Nature-Based Solutions in urban contexts.** Daniele La Rosa, Raffaele Pelorosso [Day Friday 5<sup>th</sup> Room U6-07](#)

**Symposium 42 - Landscape monitoring: best practices and new developments for an integrated assessment of landscape change.** Flurina Wartmann, Felix Kienast, Marcel Hunziker [Day Thursday 4<sup>th</sup> Room U6-03](#)

**Symposium 43 - Planning with nature for sustainable landscape development: lessons-learned from around the world.** Christian Albert, Zhifang Wang [Day Friday 5<sup>th</sup> Room U6-04 Aula Martini](#)

**Symposium 45 - Conservation in the city.** Heather Sander [Day Tuesday 2<sup>th</sup> Room U6-06](#)

**Symposium 46 - Landscape trajectories during the long Anthropocene: dialogues between ecology and archaeology.** Giuseppe Bazan, Angelo Castrorao Barba [Day Thursday 4<sup>th</sup> Room U6-12](#)

**Symposium 47 - Biophysical Methods for the Quantification, Mapping and Assessment of Ecosystem Services.** Bastian Steinhoff-Knopp, Benjamin Burkhard [Day Friday 5<sup>th</sup> Room U6-03](#)

**Symposium 48 (together with 22) - The role of landscape experiments to inform large-scale habitat restoration.** Kevin Watts, Kirsty Park, Elisa Fuentes-Montemayor [Day Tuesday 2<sup>th</sup> Room U6-09](#)

**Symposium 49 - Challenges for subterranean landscape conservation in the world's karst regions.** Claudia Canedoli, Chris Groves, Emilio Padoa-Schioppa [Day Thursday 4<sup>th</sup> Room U6-07](#)

**Symposium 50 - Disturbance, degradation, and restoration in fragile ecosystems: Implications for resource distribution and ecosystem service.** Junran Li, Sujith Ravi, Shiliang Liu, Yihe Lv [Day Tuesday 2<sup>th</sup> Room U6-05](#)

**Symposium 51 - Modeling the structure and functioning of forest landscapes under changing climate and disturbance regimes.** Giorgio Vacchiano, Heike Lischke, Paola Mairota, Rupert Seidl [Day Thursday 4<sup>th</sup> Room U6-1f](#)

**Symposium 52 - Urban Sprawl: From Measurement to Management.** Jochen Jaeger [Day Thursday 4<sup>th</sup> Room U6-1d](#)

**Symposium 53 - Policy and governance innovation in agricultural landscapes: recent trends and future pathways towards enhanced sustainability and food security.** José Muñoz-Rojas, Teresa Pinto-Correia, Rafael Mata-Olmo, Isabel Loupa-Ramos, Lone Kristensen [Day Tuesday 2<sup>th</sup> Room U6-1b](#)

**Symposium 55 - Assessing the patterns and drivers of land-use intensity change.** Robert Pazur, Matthias Bürgi, Alexander Prishchepov [Day Tuesday 2<sup>th</sup> Room U6-12](#)

**Symposium 56 - Biodiversity spillover in fragmented landscapes and effects on ecosystem services provision and regulation.** Andrea Larissa Boesing, Paula Ribeiro Prist [Day Tuesday 2<sup>th</sup> Room U6-1b](#)

**Symposium 57 - Green Infrastructure as a way to rethink Ecological Landscape Planning.** Camila Sant' Anna, Maria do Carmo De Lima Bezerra [Day Friday 5<sup>th</sup> Room U6-09](#)

**Symposium 58 - Urbanisation. Concepts, methods and spatially explicit indicators.** Luis Inostroza, Steward Pickett [Day Thursday 4<sup>th</sup> Room U6-18](#)

**Symposium 59 - Understanding the capacity of Landscape connectivity and ecosystem integrity to supply multiple ecosystem services: insights into sustainable landscapes.** Luque Sandra, Le Louarn Marine, van Dijk Jiska [Day Thursday 4<sup>th</sup> Room U6-04](#)

**Symposium 60 - Implementing the Green Infrastructure Approach in Central Europe and beyond.** Marco Neubert, Thomas Wrbka, Hana Skokanova, Henriette John [Day Thursday 4<sup>th</sup> Room U6-09](#)

**Symposium 62 - The European Landscape Convention 20 years after: Achievements, Progresses, and Opportunities.** Wei-Ning Xiang, Daniele La Rosa, Christian Albert [Day Thursday 4<sup>th</sup> Room U6-1b](#)

**Symposium 63 – How is landscape ecology shaped by research policies?.** Werner Rolf, Isabel Loupa-Ramos, Jonathan Porter, Veerle Van Eetvelde, Wenche Dramstad [Day Thursday 4<sup>th</sup> Room Aula Magna](#)

**Symposium 64 - Deciphering environmental gradients in landscapes for a better understanding of biodiversity dynamics.** Jacques Baudry, Angela Lausch, Paola Mairota [Day Thursday 4<sup>th</sup> Room U6-10](#)

**Symposium 65 - Innovating teaching and learning landscape ecology to address the challenges of the Anthropocene.** Veerle Van Eetvelde, Simona Grădinaru, Wenche Dramstad, Werner Rolf, Ileana Stupariu [Day Tuesday 2<sup>th</sup> Room U6-10](#)

**Symposium 66 - The landscape approach - key to enhance sustainable land use in Europe and North-America as well?** Bas Pedroli, Wenche Dramstad [Day Thursday 4<sup>th</sup> Room U6-1e](#)

**Symposium 67 - Towards visionary peri-urban landscapes? Environmental governance mixes for sustainable peri-urbanization.** Marcin Spyra, Christine Fürst, Tereza Aubrechtova, Alina Schürmann [Day Tuesday 2<sup>th</sup> Room U6-1e](#)

**Symposium 69 - Satellite and UAV (Drone) systems for assessing and monitoring of ecological landscapes of Africa.** Moses Azong, Henry Bulley, Jane Bemigisha, Yazidhi Bamutaze, Aniko Polo-Akpisso [Day Thursday 4<sup>th</sup> Room U6-02](#)

**Symposium 70 - Seascape Ecology.** Alessandra Savini, Simone Farina, Luca Fallati, Daniele Grech [Day Tuesday 2<sup>th</sup> Room U6-1f](#)

**Symposium 71 - Synergistic Effects of Climate and Management on Biodiversity.** Robert Scheller, Matthew Betts, Melissa Lucash [Day Tuesday 2<sup>th</sup> Room U6-1e](#)

**Symposium 72 - Theoretical and practical challenges for planning landscape restoration.** Cristian Echeverria [Day Thursday 4<sup>th</sup> Room U6-04](#)

**Symposium 73 – Social theory and landscape ecology – Interpreting, explaining and modelling landscape management practices and decision-making in the Anthropocene.** Andreas Aagaard Christensen, Veerle Van Eetvelde, Anna Hersperger, Terry Marsden, Matthias Buchecker [Day Friday 5<sup>th</sup> Room U6-10](#)

**Symposium 74 - Biocultural Landscapes During the Anthropocene.** Inocencio Jr. Buot, Regan Leonardus Kaswanto [Day Thursday 4<sup>th</sup> Room U6-06](#)

**Session Anthropogenic Landscapes**

[Day Tuesday 2<sup>th</sup> Room U6-1d](#)

**Session Biodiversity Conservation**

[Day Tuesday 2<sup>th</sup> Room U6-03](#)

**Session Dynamic and Disturbances in Landscapes**

*Day Friday 5<sup>th</sup> Room U6-1f*

**Session Habitat Fragmentation and Landscape Connectivity**

*Day Tuesday 2<sup>th</sup> Room U6-08*

**Session Landscape Metrics**

*Day Thursday 4<sup>th</sup> Room U6-1c*

**Session Public Participation**

*Day Friday 5<sup>th</sup> Room U6-18*

**Session Remote Sensing and Landscape Ecology**

*Day Friday 5<sup>th</sup> Room U6-1a*

**Session Soil, Vegetation and Biodiversity**

*Day Friday 5<sup>th</sup> Room U6-12*

**Session Urban Forestry**

*Day Tuesday 2<sup>th</sup> Room U6-09*

**Session Urban Planning**

*Day Thursday 4<sup>th</sup> Room U6-1f*