

July 7 (Wednesday), 2021		
Room 1		Opening Ceremony and Plenary Session I
10.00 – 10.15		Welcome addresses and opening plenary session
10.15 – 10.40	K.1.	City love and place quality: assessment of livable neighborhoods in cities <i>Peter Nijkamp, Karima Kourtit, U. Turk, Mia Wahlstrom</i>
10.40 – 11.05	K.2.	Cities as shared habitats of people, plants and animals: key challenges for urban biodiversity conservation <i>Ingo Kowarik</i>
11.05 – 11.15		Discussion

	A	Symposium GREEN INFRASTRUCTURE FOR URBAN AREAS
Room 1	A.1.	Concept & Planning of the Urban Green Infrastructure <i>Chair: Daniele la Rosa</i>
11.30 – 11.40	A.1.1.	Green infrastructure operationalization: A systematic review on the procedural aspects from a decade of research <i>Simeon Vaño, Martina van Lierop, Stephan Pauleit, Peter Mederly</i>
11.40 – 11.50	A.1.2.	Ecological network analysis of a metabolic urban system based on input-output tables: Model development and case study for the city of Vienna <i>Oleksandr Galychyn, Brian Fath, Elvira Buonocore, Pier Paolo Franzese</i>
11.50 – 12.00	A.1.3.	Is the green infrastructure considered as the development asset of Polish medium-sized cities? <i>Renata Giedych, Barbara Szulczewska, Paulina Legutko-Kobus, Agata Cieszewska, Joanna Adamczyk-Jabłońska</i>
12.00 – 12.10	A.1.4.	Built environment factors effecting urban biodiversity and its planning strategies-case study in blocks along Century Avenue, Pudong New District, Shanghai, China <i>Jing Gan, Guangpu Guo</i>
12.10 – 12.20	A.1.5.	Planning for cultural Ecosystem Services in socialist and post-socialist Zagreb, Croatia <i>Neven Tandarić, Christopher D. Ives, Charles Watkins</i>
12.20 – 12.30	A.1.6.	Side effects of instruments for land value capture on urban densification and expansion <i>Eliška Vejchodská</i>
12.30 – 12.40	A.1.7.	The Hellenic garden. A worldwide brand of climate-wise cultural landscaping approach in urban spaces <i>Nikolaos Thymakis, Julia Neratzia Tzortzi</i>
12.40 – 13.00		Discussion
Room 1	A.2.	Urban Green Infrastructure Planning and Governance for Better Living: Strategies and Tools <i>Chairs: Martina van Lierop, Teresa Zölch, Sabrina Erlwein, Stephan Pauleit</i>
14.00 – 14.10	A.2.1.	Impact assessment of nature-based solutions upscaling strategies at the city scale: a case study <i>Maria Susana Orta-Ortiz, Davide Geneletti</i>
14.10 – 14.20	A.2.2.	Let's make our cities greener: integration of participatory approaches in strategies and concepts for urban green infrastructure in the federal system of Germany <i>Arne Kunkel</i>

14.20 – 14.30	A.2.3.	Integration of climate adaptation measures in planning processes – A practice-oriented research approach <i>Andreas Putz, Simone Linke</i>
14.30 – 14.40	A.2.4.	On a path to urban green infrastructure? Changes in green space planning approach in selected European cities between 2014 and 2020 <i>Rieke Hansen, Marleen Buizer, Arjen Bujs, Stephan Pauleit</i>
14.40 – 14.50	A.2.5.	Proposal of planning standards for green public spaces as a tool supporting sustainable development of housing estates. The example of Wrocław, Poland <i>Justyna Rubaszek, Janusz Gubański</i>
14.50 – 15.00	A.2.6.	Public's concerns about zonal urban plans: a focus on urban green spaces <i>Andreea Raluca Slave, Cristian Iojă, Constantina Alina Hossu, Simona Raluca Grădinaru</i>
15.00 – 15.10	A.2.7.	A ride through four landscapes. Creating Urban Green Infrastructure by regenerating the Old Piacenza Railway Route <i>Elena Persico, Julia Nerantzia Tzortzi, Rita Maria, Cristina Luigia Musacchio</i>
15.10 – 15.30	Discussion	
Room 1	A.3.	Assessment & Use of the Urban Green Infrastructure I Chair: Tomasz Bergier
15.45 – 15.55	A.3.1.	Park availability, accessibility, and attractiveness concerning the least and most vulnerable inhabitants <i>Magdalena Biernacka, Edyta Łaszkiwicz, Jakub Kronenberg</i>
15.55 – 16.05	A.3.2.	The value of urban nature for health and well-being: An empirical study in three Central European cities <i>Ralf-Uwe Syrbe, Ina Neumann, Karsten Grunewald, Patrycja Brzoska, Jiří Louda, Birgit Kochan, Jan Machač, Lenka Dubová, Petr Meyer, Jan Brabec, Olaf Bastian</i>
16.05 – 16.15	A.3.3.	Green areas use during a lockdown in Croatia caused by a Covid-19 pandemic <i>Ana Marija Marin, Martina Kičić, Dijana Vuletić, Silvija Krajer Ostoić</i>
16.15 – 16.25	A.3.4.	Urban informal parks. The attractiveness of Warsaw wastelands in their user's eyes <i>Beata Gawryszewska, Maciej Łepkowski, Ryszard Nejman, Anna Wilczyńska</i>
16.25 – 16.35	A.3.5.	Socio-cultural assessment of ecosystem services around green spaces in the rural-urban gradient of Bengaluru, India <i>Pramila Thapa, Mario Torralba, Dhanya B., Tobias Plieninger</i>
16.35 – 16.45	A.3.6.	Socio-spatial analysis of distribution and accessibility of Vienna's Municipal Parks <i>Christoph Elbl, Angela Hof</i>
16.45 – 16.55	A.3.7.	10 years of Green Infrastructure research: A review on strategies and tools to support its operationalisation <i>Martina van Lierop, Simeon Vano, Stephan Pauleit</i>
16.55 – 17.15	Discussion	
Room 1	A.4.	Assessment & Use of the Urban Green Infrastructure II Chairs: Doris Damyanovic & Martin Sauerwein
17.30 – 17.40	A.4.1.	Patterns of green infrastructure use in cities using Social Media <i>Gabrielė Zabelskytė, Nadja Kabisch, Žaneta Stasiškiene</i>

17.40 – 17.50	A.4.2.	Investigating park visitors' perception and vegetation preferences with the help of a photo-based mobile application survey method <i>Ronald András Kolcsár, Jürgen Breuste, Péter Szilassi</i>
17.50 – 18.00	A.4.3.	Planning and governance for sustainable climate-resilient public Open spaces and streetscapes <i>Doris Damyanovic, Philipp Reisinger, Karl Grimm, Florian Reinwald</i>
18.00 – 18.10	A.4.4.	Assessing urban ecological space's resilience based on ecosystem service supply and demand matching: taking Shanghai as an example <i>Haixing Meng, Qingji Shen</i>
18.10 – 18.20	A.4.5.	Green and blue infrastructure as part of a landscape strategy for innovating municipal spatial planning in Portugal <i>Rosário Oliveira, Filomena Farinhas</i>
18.20 – 18.30	A.4.6.	Where is the forest core area? A gradient of flora in the ecotone of the urban forests <i>Beata Fornal-Pieniak, Damian Łowicki, Axel Schwerk, Junxiang Li</i>
18.30 – 18.40	A.4.7.	Ecosystem services provided by urban forests in the Southern Caucasus region: a modeling study in Tbilisi, Georgia <i>Levan Alpaidze, Rocco Pace</i>
18.40 – 19.00	Discussion	

	B	Symposium BIODIVERSITY & NATURE PROTECTION IN URBAN AREAS
Room 2	B.1.	Urban Protected Areas in Relation to Urban Biodiversity and Ecosystem Services <i>Chair: Jürgen Breuste</i>
11.30 – 11.40	B.1.1.	Global problems and perspectives of urban protected areas <i>Jürgen Breuste, Cristian Iojă, Junxiang Li, Myla Aronson, Amy Hahs, Sarel Cilliers, Henry Garay Sarasti, Mihai Razvan Niță</i>
11.40 – 11.50	B.1.2.	Nature protection becomes urban – a European perspective <i>Jürgen Breuste</i>
11.50 – 12.00	B.1.3.	Plant species richness and abundance are influenced by land-use types in the urban areas <i>Junxiang Li, Meng Wang</i>
12.00 – 12.10	B.1.4.	Insights about the urban protected areas in Romania <i>Athena Gârjoabă, Cerasella Crăciu, Alexandru-Ionuț Petrișor, Cristian Iojă</i>
12.10 – 12.20	B.1.5.	Ecosystem services of urban woodland: A review <i>Xinyue Hu, Jürgen Breuste</i>
12.20 – 12.30	B.1.6.	Outdoor recreation participation in Istanbul, Turkey: an investigation of frequency, length, travel time and activities <i>Meryem Hayir Kanat, Jürgen Breuste</i>
12.30 – 13.00	Discussion	
Room 2	B.2.	Urban Wild Life Habitats I <i>Chair: Jing Gan</i>
14.00 – 14.10	B.2.1.	Avian species richness declines along a tropical urbanization gradient in Bangkok (Thailand) and possible ways for mitigation <i>Phakhawat Thaweepworadej, Karl Evans</i>
14.10 – 14.20	B.2.2.	Identification and designation of critical urban wildlife habitats based on a heat map of bird species-case study of a river basin master plan in China

		<i>Jing Gan, Guangpu Guo, Yiyuan Tang, Peilu Zhu</i>
14.20 – 14.30	B.2.3.	Local and landscape factors influence urban ground-dwelling arthropods in non-recreational green spaces <i>Jennifer Fischer, Marcela Suarez-Rubio</i>
14.30 – 14.40	B.2.4.	Protection of ruderal vegetation habitats in post-industrial recreational areas as a way of increasing biodiversity through natural succession <i>Krzysztof Rostański</i>
14.40 – 14.50	B.2.5.	Small animals in discarded containers – understudied ecological trap in urban forests <i>Krzysztof Kolenda, Natalia Kuśmierk, Krzysztof Kujawa, Adrian Smolis, Sebastian Salata, Konrad Wiśniewski, Tomasz K. Maltz, Mieczysław Stachowiak, Marcin Kadej</i>
14.50 – 15.00	B.2.6.	Wild mammals and urbanities: Investigating human perceptions of urban wildlife for urban planning and biodiversity conversation <i>Simon Sebastian Moesch, Jonathan Jeschke, Stephanie Kramer-Schadt, Tanja Maria Straka, Dagmar Haase</i>
15.00 – 15.10	B.2.7.	Ecosystem Service of pollination. Evaluation of potential wild bee habitats in an urban area <i>Sophie Meier, Karsten Grunewald</i>
15.10 – 15.30	Discussion	
Room 2	B.3.	Urban Wild Life Habitats II Chair: Katarzyna Fagiewicz
15.45 – 15.55	B.3.1.	Growing in the city: the urban evolutionary ecology of avian growth rates <i>Michela Corsini, Eva Maria Schöll, Irene Di Lecce, Marion Chatelain, Anna Dubiec, Marta Szulkin</i>
15.55 – 16.05	B.3.2.	Modernistic large housing estates in central Europe as urban refuges of floral biodiversity <i>Janina Borysiak, Jürgen Breuste, Andrzej Mizgajski</i>
16.05 – 16.15	B.3.3.	Biodiver-City responses to urbanization: a multi-taxon approach in a coastal Mediterranean city <i>Olga Tzortzakaki, Vassiliki Kati, Eleni Papadatou, Maria Panitsa, Sinos Giokas</i>
16.15 – 16.25	B.3.4.	Integrated nesting aids into façades for wild bees – a case study in Stuttgart, Germany <i>Linda Meier, Philip Leistner</i>
16.25 – 16.35	B.3.5.	Bees beneath your feet: Urban sidewalks as novel urban ecosystems and habitat for aculeate insects <i>Sophie Lokatis, Claudia Weber, Jonathan Jeschke</i>
16.35 – 16.45	B.3.6.	The biogeophysical and socioeconomic drivers of biodiversity across metropolitan areas in North Carolina, USA <i>Sara Gagné, Christopher Dumas, Nikhil Kaza, Rachael Urbanek</i>
16.45 – 16.55	B.3.7.	Animal-aided design-bridging the gap between landscape architecture and conservation <i>Wolfgang W. Weisser, Thomas Hauck</i>
16.55 – 17.15	Discussion	
Room 2	B.4.	Birds in Urban Ecosystems Chair: Péter Batáry
17.30 – 17.40	B.4.1.	Bird functional traits under urbanization – a meta-analysis

		<i>Tamás Lakatos, Dávid Korányi, Péter Batáry, Daniel Edward Chamberlain</i>
17.40 – 17.50	B.4.2.	Changes in bird communities of different types of green infrastructures along an urbanization gradient <i>Dávid Korányi, Róbert Gallé, Bettina Donkó, Dan Chamberlain, Péter Batáry</i>
17.50 – 18.00	B.4.3.	Multiscale effects of habitat and surrounding built-up areas on waterbird diversity in the Yangtze River Floodplain <i>Boyu Gao, Peng Gong, Wenyuan Zhang, Jun Yang, Yali Si</i>
18.00 – 18.10	B.4.4.	Non-linearities in birds responses across urbanization gradients: a meta-analysis <i>Péter Batáry, Kornelia Kurucz, Marcela Suarez-Rubio, Dan E. Chamberlain</i>
18.10 – 18.20	B.4.5.	Our parks – hotspots or ecological traps for songbird migration? A bioacoustic approach employing Blackbird (<i>Turdus merula</i>) male songs. <i>Andreea Ciobota, Mihaela Ciobota, Dumitru Murariu</i>
18.20 – 18.30	B.4.6.	Urban habitats in the landscape of Kochi city established from bird species distribution <i>Abin Joseliph, Samson Davis Padayatty</i>
18.30 – 19.00	Discussion	
Room 4	B.5.	Social Awareness Towards Urban Nature Chair: Cigdem Coskun Hepcan
17.30 – 17.40	B.5.1.	How might biodiversity in cities stimulate education, and can we map this potential? <i>Laurence Jones, Sally Andersen, N. Bachiller-Jareno, M. Hedblom, G. Levin, J. Læssøe, F. Mårtensson, R. Lovell</i>
17.40 – 17.50	B.5.2.	Perception of the urban park biodiversity by their users <i>Janina Borysiak, Małgorzata Stępniewska</i>
17.50 – 18.00	B.5.3.	The human perception of the bird biodiversity that inhabits a neotropical city <i>Gabriela Rosa Graviola, Milton Cezar Ribeiro, Joao Carlos Pena</i>
18.00 – 18.10	B.5.4.	Determine the biodiversity and nature awareness of college students: the case of Evka 3 (Izmir-Turkey) <i>Cigdem Coskun Hepcan, Jurgen Breuste, Aybüke Cangüzel</i>
18.10 – 18.20	B.5.5.	Enhancing human-nature interactions through wild food foraging on public urban green spaces <i>Christoph Schunko, Anjoulie Brandner</i>
18.20 – 18.30	B.5.6.	The relationship between knowing and liking for 91 urban animal species among students <i>Fabio Sweet, Wolfgang Weisser, Peter Noack, Thomas Hauck</i>
18.30 – 19.00	Discussion	

	C.	Symposium NATURE-BASED SOLUTIONS FOR CITIES
Room 3	C.1.	Concepts towards Nature-Based Solutions Chair: Iwona Zwierzchowska
11.30 – 11.40	C.1.1.	Nature-Based Solutions as an ideal tool and the answer to a wide range of challenges arising from global climate change, starting with

		informal settlements in developing countries to the Global North cities <i>Agnieszka Dudzinska-Jarmolinska, Solhanlle Bonilla, Ivana Harari, Ricardo Gacitua, Michael Klafft</i>
11.40 – 11.50	C.1.2.	Vulnerability, Multifunctionality, and Sustainability: Co-creation of an integrated multi-criteria decision approach for nature-based solutions <i>David Camacho, Johannes Langemeyer, Gara Villalba Mendez</i>
11.50 – 12.00	C.1.3.	A new evaluation framework for Nature-Based Solutions (NBS) projects based on the application of performance questions and indicators approach <i>Barbara Sowińska-Świerkosz, Joan Garcia</i>
12.00 – 12.10	C.1.4.	Green Belt Independencia as a strategy to strengthen social-ecological peripheries in Lima, Peru <i>Taícia Helena Negrin Marques, Anna Zucchetti</i>
12.10 – 12.20	C.1.5.	Socio-ecological networks as an opportunity to address nature, urban planning and human well-being challenges in cities: lessons learned from Bogota, Colombia <i>Juan David Amaya-Espinel, María Alejandra Cruz, D. Ruiz</i>
12.20 – 12.30	C.1.6.	Evaluating the sensitivity of the i-Tree Eco pollution model to different pollution data inputs: A case study from Warsaw, Poland <i>Zbigniew Szkop</i>
12.30 – 12.40	C.1.7.	Charting nature-based urbanism: Designing for and with nature for a sustainable urban planet <i>Melissa Pineda Pinto</i>
12.40 – 13.00	Discussion	
Room 3	C.2.	Nature-Based Solutions for Urban Water Planning and Management Chair: Kinga Krauze
14.00 – 14.10	C.2.1.	Applying socio-ecological lens to blue-green solutions in cities <i>Kinga Krauze, Daria Sikorska, Renata Włodarczyk-Marciniak</i>
14.10 – 14.20	C.2.2.	Evidence of nature-based solutions for water security in the urban context: aspect, scale, and implementation <i>Riyan Habeeb, Regine Ortlepp, Wolfgang Wende</i>
14.20 – 14.30	C.2.3.	Urban dam reservoir as a source of ecosystem services for recreational fishing <i>Barbara Sowińska-Świerkosz, Jacek Rechulicz</i>
14.30 – 14.40	C.2.4.	Landcover based hydrological modeling and comparison between different urban areas, a case study in Szeged, Hungary <i>Ákos Kristóf Csete, Ágnes Gulyás</i>
14.40 – 14.50	C.2.5.	The Trentino blueprint: a resilient strategy for sustainable development of marginal territories in Alpine context <i>Sara Favargiotti, Margherita Pasquali, Chiara Chioni</i>
14.50 – 15.00	C.2.6.	Multipurpose Green infrastructure to water regulation and walkability along the urbanized valley of Mandaqui creek <i>Taícia Helena Negrin Marques, Maria Assunção Ribeiro Franco</i>
15.00 – 15.30	Discussion	
Room 3	C.3.	Implementation of Nature-Based Solutions I Chair: Chiara Cortinovia
15.45 – 15.55	C.3.1.	Upscaling nature-based solutions for climate change adaptation: potential and benefits in three European cities <i>Chiara Cortinovia, Peter Olsson, Niklas Boke-Olén, Katarina Hedlund</i>

15.55 – 16.05	C.3.2.	Perceptions of Nature-Based Solutions and their barriers and drivers for mainstreaming in South Korea <i>Sungju Han, Christian Kuhlicke</i>
16.05 – 16.15	C.3.3.	Applicability of nature-based solutions in different urban fabrics: a case study on urban water management in three distinctive locations <i>Antti Rehunen</i>
16.15 – 16.25	C.3.4.	Nature-Based Solutions vs. Greenwashing? Green space in developers' sales strategies – a case study of Poznań <i>Anna Gafiecka-Drozda, Agnieszka Wilkaniec, Magdalena Szczepańska</i>
16.25 – 16.35	C.3.5.	Setting the Social Impact monitoring framework for NBS: methodology, drawbacks, and measurement case study from Milan <i>Israa Mahmoud, Eugenio Morello</i>
16.35 – 16.45	C.3.6.	Nature-Based Solutions for soil remediation in urban areas: combination of biochar and nanotechnology <i>Diego Baraqaño, Rubén Forjá, Aida González, Verónica Peña, Ana Isabel Peláez, José Luis R. Gallego</i>
16.45 – 16.55	C.3.7.	FAIR management of NBS intervention related monitoring data across cities <i>Herbert Haubold, Andreas Littkopf</i>
16.55 – 17.15	Discussion	
Room 3	C.4.	Implementation of Nature-Based Solutions II <i>Chair: Davide Geneletti</i>
17.30 – 17.40	C.4.1.	Simulating urban parks crowding to manage access during lockdowns <i>Davide Geneletti, Chiara Cortinovis, Linda Zardo</i>
17.40 – 17.50	C.4.2.	Socio-ecological urban river restoration to mitigate flood risk, improve the recreational potential and provide suitable habitats: lessons learned from Munich. <i>Aude Zingraff-Hamed, Gerd Lupp, Stephan Pauleit</i>
17.50 – 18.00	C.4.3.	Providing contact with nature for the young generation – a case study of kindergartens in Poznań, Poland <i>Iwona Zwierzchowska, Piotr Lupa</i>
18.00 – 18.10	C.4.4.	Play-biotopes for children's play and learning <i>Fredrika Mårtensson, Marcus Hedblom, Åsa Ode Sang</i>
18.10 – 18.20	C.4.5.	Green streets: Places for recreation during crisis time? <i>Leonie K. Fischer, Divya Gopal</i>
18.20 – 18.30	C.4.6.	Analysis of urban forest buffer zones as a tool of implementation of Nature-Based Solutions – a case study of Poznań (Poland) <i>Anna Gafiecka-Drozda, Leszek Bednorz</i>
18.30 – 18.40	C.4.7.	Nature-Based Solution applied on brownfields versus resident's feelings – a summary of the results of the first phase of the research <i>Barbara Vojvodíková, Jiří Kupka, Adéla Brázdová, Radim Fojtík</i>
18.40 – 19.00	Discussion	

	D.	Symposium URBAN DEVELOPMENT & SUSTAINABILITY
Room 4	D.1.	Urbanization & Sustainability <i>Chairs: Tomasz Kaczmarek & Łukasz Mięka</i>
11.30 – 11.40	D.1.1.	Environmental impacts of urbanization on the example of Slovakia <i>Zita Izakovičová, Eva Pauditšová</i>
11.40 – 11.50	D.1.2.	Everything in its right place? On the spatial dimension of biophilic and biophobic developments in cities

		<i>Thilo Wellmann, Dagmar Haase</i>
11.50 – 12.00	D.1.3.	Moscow urban growth pattern: sprawl or not? <i>Dmitry Boyko</i>
12.00 – 12.10	D.1.4.	Towards sustainable urban communities: a composite spatial accessibility assessment for residential suitability based on network Big Data <i>Tao Lin, Y. Zhao, G. Zhang, H. Ye, X. Liu, J. Liu, M. Lin</i>
12.10 – 12.20	D.1.5.	Parks in context: Advancing citywide spatial quality assessments of urban green spaces using fine-scaled indicators <i>Roland Kraemer, Nadja Kabisch</i>
12.20 – 12.30	D.1.6.	Analysis of the visibility and signal strength of the LoRaWAN network in an urbanized area on the example from the campus of the Nicolaus Copernicus University in Toruń <i>Dominika Karpińska, Mieczysław Kunz</i>
12.30 – 12.40	D.1.7.	Evolution of Spatial Relationship Between Natural Protected Areas and Provincial Capital Cities in China (2000-2018) <i>Lin Yuan</i>
12.40 – 13.00	Discussion	
Room 4	D.2.	Eco-Cities – Planning, Design, Development and Management Practice Chairs: Cigdem Coskun Hepcan & Jürgen Breuste
14.00 – 14.10	D.2.1.	Which role plays wild spaces in green cities? User and management perspectives in the green city Salzburg, Austria <i>Jürgen Breuste</i>
14.10 – 14.20	D.2.2.	Alley Activation as a Practical Neighborhood Sustainability Strategy: Integrating Green Energy, Rainwater Harvesting and Community-Driven Placemaking in Detroit <i>Paul Draus, Jacob Napieralski, Christopher Pannier, Korey Batey</i>
14.20 – 14.30	D.2.3.	How tree canopy affects the air quality of cities: the case of Karsiyaka (Izmir-Turkey) <i>Cigdem Coskun Hepcan, Serif Hepcan</i>
14.30 – 14.40	D.2.4.	Linear parks as nature-based recreation areas in metropolis cities. A case study of Istanbul <i>Meryem Hayir-Kanat, Jürgen Breuste</i>
14.40 – 14.50	D.2.5.	The role of eco-city projects in the transformation of practices and institutions on stormwater – learning from existing experiences in Linz (Austria) and Toulouse (France) <i>Marc Gimenez-Maranges, Jürgen Breuste, Angela Hof</i>
14.50 – 15.00	D.2.6.	Ecosystem services of urban parks: the case of Evka 3 (Izmir-Turkey) <i>Cigdem Coskun Hepcan, Aybuke Canguzel, Jürgen Breuste, Serif Hepcan</i>
15.00 – 15.30	Discussion	
Room 4	D.3.	Urban Ecology in the Context of Sustainability Transformations – from Concepts to Interventions Chairs: Martina Artmann, Christopher D. Ives, Markus Egermann
15.45 – 15.55	D.3.1.	Human-nature resonance – a relational approach to inform sustainable urban transformation <i>Martina Artmann</i>
15.55 – 16.05	D.3.2.	What the Global North needs to know about Urban Ecology in the Global South <i>Marie Du Toit, Sarel Cilliers, Charlie Shackleton, Elandrie Davoren</i>

16.05 – 16.15	D.3.3.	The role of spatial planning in fostering urban development and nature conservation <i>Beatriz Pierri Daunt, Luis Inostroza, Anna Hersperger</i>
16.15 – 16.25	D.3.4.	Collaborative decision-making in natural resource management conflicts. Evidence from Romania <i>Constantina Alina Hossu, Cristian Iojă, Mihai Niță</i>
16.25 – 16.35	D.3.5.	Interdisciplinarity and co-design in Urban Sustainability Transformations <i>Kerstin Krellenberg</i>
16.35 – 16.45	D.3.6.	Urban ecology and sustainability transformations: Mapping the road ahead <i>Christopher D. Ives</i>
16.45 – 17.15	Discussion	

July 8 (Thursday) 2021		
Room 1		Plenary Session II
9.00 – 9.25	K.3.	The ecosystem promise: guidelines for its implementation in policy and practice <i>Rudolf de Groot</i>
9.25 – 9.50	K.4.	Listening to the trees: A recent narrative about the power of urban forests as nature-based social-ecological solutions in cities and the risks they face <i>Daqmar Haase</i>
9.50 – 10.00	Discussion	

	A	Symposium GREEN INFRASTRUCTURE FOR URBAN AREAS (follow up)
Room 1	A.5.	Urban Green Infrastructure Planning for Climate Adaptation: Tools and Data for Decision-Support <i>Chairs: Sabrina Erlwein, Teresa Zölch, Martina van Lierop, Stephan Pauleit</i>
10.15 – 10.25	A.5.1.	Urban green in densifying cities: joint assessment of microclimate regulation on city and block level <i>Sabrina Erlwein, Teresa Zölch, Stephan Pauleit</i>
10.25 – 10.35	A.5.2.	Identifying suitable policy instruments to promote nature-based solutions in cities: a decision tree approach <i>Davide Longato, Chiara Cortinovia, Mario Balzan, Davide Geneletti</i>
10.35 – 10.45	A.5.3.	Assessment of the multiple benefits of nature-based solutions – an approach <i>Niklas Dahlberg, Mikko Huokuna, Mikko Sane, Mika Marttunen</i>
10.45 – 10.55	A.5.4.	Integrating heatwaves vulnerability modeling and participatory scenario building in support of green infrastructure planning and urban sustainability <i>Lenka Suchá, Simeon Vaňo, Jan Geletič, Petr Bašta, Martin Jančovič, Helena Duchková, Eliška Krkoška Lorencová</i>
10.55 – 11.05	A.5.5.	Mapping urban pervious surfaces and tree canopy cover by using high-resolution airborne imagery to support urban planning. <i>Anna Codemo, Angelica Pianegonda, Marco Ciolli, Sara Favargiotti, Rossano Albatici</i>

11.05 – 11.15	A.5.6.	Public perception of outdoor thermal comfort and urban green infrastructure in a humid sub-tropical city <i>Sana Javaid, Stephan Pauleit</i>
11.15 – 11.45	Discussion	
Room 1	A.6.	Society & Urban Ecosystems I <i>Chairs: Piotr Matczak & Krzysztof Mączka</i>
12.15 – 12.25	A.6.1.	Greening space – designing with the citizens the post-socialist cities towards increasing the availability and attractiveness of greenery outside urban parks <i>Renata Włodarczyk-Marciniak, Daria Sikorska, Agnieszka Kretek-Kamińska, Aneta Krzewińska, Kinga Krauze</i>
12.25 – 12.35	A.6.2.	Developing an Environmental Justice Index in urban areas to prioritize the implementation of nature-based solutions: the case study in Las Palmas de Gran Canaria <i>Jarumi Kato Huerta, Davide Geneletti</i>
12.35 – 12.45	A.6.3.	Quantifying the quality and detecting social inequality of urban parks in the Prosperous and Deprived Zones of Tabriz, Iran <i>Akbar Rahimi, Jürgen Breuste, Mahsa Tarashkar</i>
12.45 – 12.55	A.6.4.	School greening: right or privilege? Assessing urban nature within and around primary schools of Barcelona from an environmental justice lens <i>Francesc Baró, David Camacho, Carmen Pérez del Pulgar, Margarita Triguero-Mas, Isabelle Anguelovski</i>
12.55 – 13.05	A.6.5.	A methodological framework for assessing the equity in planning urban parks <i>Diana Andreea Onose, Athanasios Alexandru Gavrilidis, Simona R. Grădinaru, Gabriel Ovidiu Vânău, Ana Maria Popa, Andreea Raluca Slave</i>
13.05 – 13.45	Discussion	
Room 1	A.7.	Society & Urban Ecosystems II <i>Chairs: Jakub Kronenberg & Akbar Rahimi</i>
14.45 – 14.55	A.7.1.	Insights of the relation between urban green infrastructure and self-perceived health of residents <i>Diana Andreea Onose, Mihai Razvan Nita, Athanasios Alexandru Gavrilidis, Ana Maria Popa, Larissa Nicoleta Stoia</i>
14.55 – 15.05	A.7.2.	Visitor's perceptions of Eynali Urban Woodland Park in the Mountain Steppe of Tabriz, Iran <i>Akbar Rahimi, Jürgen Breuste, Ramin Sabouri</i>
15.05 – 15.15	A.7.3.	Defining biodiversity: what do urban gardeners think? <i>Briony Norton, Bowen Shang, Andrew Ramsey, David Sheffield</i>
15.15 – 15.25	A.7.4.	From invasion to resilience: Social perceptions of neobiota in urban ecosystems in the context of sustainability transitions <i>Katharina Kapitza</i>
15.25 – 15.35	A.7.5.	A multi-criteria framework for assessing emerge use in socio-ecological systems <i>Oleksandr Galychyn, Izhar Shah, Elvira Buonocore, Pier Paolo Franzese</i>
15.35 – 15.45	A.7.6.	Homo Oeconomicus and self-interest or Homo Sustinens and social and environmental responsibility – incentives to resign from traveling by car in urban ecosystems (preliminary research) <i>Monika Paradowska</i>

15.45 – 15.55	A.7.7.	Green space and mental health in Kigali city, Rwanda: An exploratory study <i>Samuel Habimana, Paul Draus, Salman Qureshi, Juliette Roddy, Emmanuel Biracyaza, Eugene Rutembesa</i>
15.55 – 16.15	Discussion	
Room 1	A.8.	Urban Environmental Acupuncture – A Concept to Improve Green and Blue Infrastructure in Cities? <i>Chairs: Juliane Mathey & Anna Starzewska-Sikorska</i>
16.45 – 16.55	A.8.1.	Urban acupuncture: past, present and future potential in the transition to greener cities <i>Jessica Hemingway, Peter Wirth, Juliane Mathey</i>
16.55 – 17.05	A.8.2.	Application of urban environmental acupuncture in European cities – first results of SALUTE4CE project <i>Justyna Gorgoń, Anna Starzewska-Sikorska</i>
17.05 – 17.15	A.8.3.	Estimating the cooling effect of pocket green space in high-density urban areas in Shanghai, China <i>Caiyan Wu, Junxiang Li</i>
17.15 – 17.25	A.8.4.	Small-scale nature-based solutions cooling the neighborhood. Case study of preschools' gardens in Poznań <i>Piotr Lupa, Iwona Zwierzchowska</i>
17.25 – 17.35	A.8.5.	“Futureproofing Luton”: Engaging local stakeholder partners in co-producing an Air Quality Arboretum-meadow <i>Helen E. Hoyle, William Cottrill</i>
17.35 – 17.45	A.8.6.	Implementation of green acupuncture concept to environmental education for primary and lower-secondary schools <i>Barbara Vojvodikova, Jiri Kupka, Adela Brazdova</i>
17.45 – 18.15	Discussion	

	D.	Symposium URBAN DEVELOPMENT AND SUSTAINABILITY (follow up)
Room 2	D.4.	Local Climate in Cities <i>Chair: Junxiang Li</i>
10.15 – 10.25	D.4.1.	Impacts of air temperature and its extremes on human mortality in Shanghai, China <i>Xing Bi, Caiyan Wu, Chunfang Wang, Yong Wang, Xiaobao Wang, Conghe Song, Junxiang Li, Chen Fu</i>
10.25 – 10.35	D.4.2.	Quantifying thermal comfort on five urban squares in a temperate climate in contrasting climatic conditions <i>Priscila Weruska Stark da Silva, Stephan Pauleit</i>
10.35 – 10.45	D.4.3.	Primary exploration about the effect of urban landscape on land surface temperature – a geographically weighted regression analysis of Nanjing <i>Xiao Wei, Xiaojun Wang, Hao Zou</i>
10.45 – 10.55	D.4.4.	Simulating the potential of urban greenery in increasing urban outdoor comfort in high-density cities <i>Daniele La Rosa</i>
10.55 – 11.05	D.4.5.	Urban Heat Island-case study in the City of Split, Croatia <i>Adriana Planinić, Lucija Kontić</i>
11.05 – 11.15	D.4.6.	Urban microclimate regulation in the City of Tyumen: Cooling Effect <i>Liliia Sulkarnaeva</i>

11.15 – 11.45	Discussion	
Room 2	D.5.	Climate Change Adaptation and Mitigation in Cities <i>Chair: Damian Łowicki</i>
12.15 – 12.25	D.5.1.	Co-creation for climate change—needs for actions to vitalize drivers and diminish barriers <i>Piotr Lupa, Paweł Churski, Katarzyna Fagiewicz, Tomasz Herodowicz, Patryk Kaczmarek, Joanna Morawska-Jancelewicz, Andrzej Mizgajski</i>
12.25 – 12.35	D.5.2.	Spatially explicit and integrated assessment of groundwater recharge and cooling by evapotranspiration <i>Harald Zepp, Maike Gessner</i>
12.35 – 12.45	D.5.3.	Crowd-mapping supporting climate action. Case study of six pilot regions in the TeRRIFICA project <i>Piotr Lupa, Paweł Churski, Katarzyna Fagiewicz, Tomasz Herodowicz, Patryk Kaczmarek, Joanna Morawska-Jancelewicz, Andrzej Mizgajski</i>
12.45 – 12.55	D.5.4.	The adoption of Performance-based Planning for setting urban design parameters against climate changes. An urban cooling application in Milano city <i>Silvia Ronchi, Stefano Salata, Andrea Arcidiacono</i>
12.55 – 13.05	D.5.5.	Forecasting the cooling potential and drought resistance of street trees by species' functional traits <i>Victoria Volke, Sonja Knapp, Uwe Schlink</i>
13.05 – 13.15	D.5.6.	Urban trees as climate messengers: communicating ecosystem services with sensors and web-app <i>Carola Helletsgruber</i>
13.15 – 13.45	Discussion	
Room 2	D.6.	Dynamics of Urban Landscapes <i>Chair: Cristian Ioja</i>
14.45 – 14.55	D.6.1.	Affordable housing and densification policies. Opportunities and threads from sprawl to compaction <i>Byron Ioannou, Gregoris Kalnis, Lora Nicolau</i>
14.55 – 15.05	D.6.2.	Urban sprawl and compact development in the metropolitan region of Athens <i>Minas Angelidis</i>
15.05 – 15.15	D.6.3.	Mapping impervious surface fraction using phenology-integrated linear spectral mixture analysis based on Google Earth Engine <i>Linke Ouyang, Junxiang Li, Ji Han Kaiyun Wang, Qian Yu, Conghe Song</i>
15.15 – 15.25	D.6.4.	Quality of landscapes of small towns and its evaluation <i>Ksenia Merekalova, Alexander Karandeev, Tatiana Kharitonova, Dmitry Klimov, Lubov Belyaeva</i>
15.25 – 15.35	D.6.5.	Identification of landscape changes and its driving forces – a case study of two urban communities in Poland <i>Piotr Krajewski, Iga Solecka, Aleksandra Krzyżanek, Ada Garczyńska</i>
15.35 – 15.45	D.6.6.	Preparing for the just transition from local economies' perspective. Bełchatów Brown Coal Basin case study (central Poland) <i>Paulina Kucharska</i>
15.45 – 16.15	Discussion	

Room 3	POSTER SESSION <i>Chair: Jürgen Breuste</i>		
10.15 – 11.45	10.15	P.1.	BIODIVERSITY & NATURE PROTECTION IN URBAN AREAS

	– 10.35		Rapporteur: Damian Łowicki
		P.1.1.	Changes in the taxonomic composition of water frog populations: similar patterns in urban and rural landscapes <i>Krzysztof Kolenda, Mikołaj Kaczmarski, Joanna Żurawska, Maria Ogielska</i>
		P.1.2.	From small invertebrates to large carnivores – understanding the effect of discarded containers on animals by using data from online media <i>Monika Pawlik, Krzysztof Kolenda, Natalia Kuśmierk, Adrian Smolis, Marcin Kadej</i>
		P.1.3.	Managing public urban green spaces for increased human-wild plant interaction through urban wild food foraging <i>Anjoulie Brandner, Christoph Schunko</i>
		P.1.4.	The role of cultivated green areas and wastelands in river valleys for the protection of bee resources in urban environments <i>Anna Sobieraj-Betlińska, Lucyna Twerd</i>
		P.1.5.	Water infiltration trenches and basins as new habitats for wild bees (Apiformes) in urban ecosystems <i>Lucyna Twerd, Anna Sobieraj-Betlińska, Barbara Kilińska, Józef Banaszak</i>
		Discussion	
	10.35 – 10.55	P.2.	CLIMATE CHANGE & GREEN INFRASTRUCTURE IN URBAN AREAS Rapporteur: Piotr Lupa
		P.2.1.	A pragmatic approach to localize and prioritize opportunity spaces for roof greening to mitigate urban heat islands – a case study for Krefeld, Germany <i>Jana Brenner, Stefan Schmidt</i>
		P.2.2.	Functional and spatial importance of historical parks in the present urban structure on the example of Lublin, Lviv, and London <i>Piotr Kulesza, Magdalena Lubiarz, Lidiya Dubis, Marek Solski, Piotr Kociuba</i>
		P.2.3.	Mechanism of urban ecological space reconstruction based on Social-Ecological System framework: A case study of Mu-Yan waterfront scenery area in Nanjing <i>Tong Zhang, Shuang Chen</i>
		P.2.4.	Optimum plantation arrangement to enhance outdoor thermal comfort in humid sub-tropical urban settings <i>Sana Javaid, Hala Mohamed, Stephan Pauleit</i>
		P.2.5.	Local strategy for adaptation to climate change and mitigation measures of the City of Tišnov <i>Jiří Schneider, Pavel Fic, Alice Kozumplíková, Ludmila Floková</i>
		Discussion	
	10.55 – 11.20	P.3.	URBAN ENVIRONMENT & LIFE QUALITY Rapporteur: Iwona Zwierzchowska
		P.3.1.	E-participation as a creating factor of sustainable development in the smart city 3.0 concept <i>Patrycja Szarek-Iwaniuk</i>
P.3.2.		Impact of Covid-19 lockdown on air pollution in Wrocław	

			<i>Joanna Kamińska, Tomasz Turek</i>
		P.3.3.	Soil quality as a key factor in producing vegetables for home consumption – a case study of urban allotments in Gorzów Wielkopolski (Poland) <i>Maciej Bosiacki, Leszek Bednorz, Konstancja Fedeńczak, Tomasz Górecki, Andrzej Mizgajski, Lidia Poniży, Tomasz Śpiżewski</i>
		P.3.4.	Game-based learning evidence of educational ecosystem services provisioning <i>Malwina Michalik-Śnieżek Ewa Trzaskowska, Agnieszka Kułak, Szymon Chmielewski</i>
		P.3.5.	Involving local residents in rainwater management <i>Jerome Champres, N. Le Nouveau, M. Degrave and M. Saulais</i>
		P.3.6.	Urban grasslands soils: effect of grassland type and their location <i>Hassanali Mollashahi, Magdalena Szymura, Tomasz H. Szymura</i>
		Discussion	
	11.20 – 11.45	P.4.	URBAN PLANNING & DEVELOPMENT <i>Rapporteur: Tomasz Kaczmarek</i>
		P.4.1.	Cultural and historical landscapes as a critical element in the environmental framework of historical cities (on the example of Moscow) <i>Viacheslav Nizovtsev, Natalia Erman</i>
		P.4.2.	Gene flow, ecosystem service, and urban planning in a Brazilian City <i>Franco L. Souza, Victor B. Rezende , Aline P. Lorenz</i>
		P.4.3.	Spatial development as a driver of ecosystem change in the urbanized catchment: The case of Różany Strumień in Poznań, Poland <i>Daria Łechtańska</i>
		P.4.4.	Spatial development of urbanized areas as a determinant of changes in the city landscape – residential areas located in the lake district case study <i>Patrycja Szarek-Iwaniuk, Adam Senetra</i>
		P.4.5.	The smart city idea from a bottom-up perspective. Insights from Bydgoszcz <i>Justyna Chodkowska-Miszczyk, Agata Lewandowska</i>
		P.4.6.	Is 'compact' enough? Social and ecological planning criteria for urban densification projects <i>Amelie Bauer, Sophie Duschinger</i>
		Discussion	

	E	Symposium FOOD PRODUCTION IN CITIES – URBAN AGRICULTURE
Room 3	E.1.	Food Production in Cities – Efficiency & Potential <i>Chair: Silvio Caputo</i>
12.15 – 12.25	E.1.1.	How efficient is urban agriculture regarding the food-energy-water nexus?

		<i>Erica Dorr, Baptiste Grard, Kathrin Specht, Runrid Fox-Kämper, Silvio Caputo, Lidia Ponizy, Jake Hawes, Nevin Cohen, Tomasz Górecki, Benjamin Goldstein, Liliane Jean-Soro, Agnes Fargue-Lelièvre</i>
12.25 – 12.35	E.1.2.	How to measure the multiple benefits of urban agriculture: a review of multi-criteria tools for the development of a UA index <i>Silvio Caputo, Erica Dorr, Benjamin Goldstein, Jason Hawes, Kathrin Specht, Chris Blythe, Nevin Cohen, Runrid Fox-Kaemper, Liliane Jean-Soro, Agnes Lilievre, Agnes Lilievre, Agnes Lilievre, Lidia Ponizy</i>
12.35 – 12.45	E.1.3.	Business insight: Allotment gardening as a way of making money and protecting farmland concerning a new agro-friendly trend <i>Barbara Maćkiewicz, Raúl Puente Asuero</i>
12.45 – 12.55	E.1.4.	Is a city a good enough place for healthy food production? The soil quality of urban agriculture sites from Europe and the US <i>Lidia Ponizy, Leszek Bednorz, Maciej Bosiacki, Baptiste Grard, Rositsa Ilieva, Liliane Jean-Soro, Tomasz Spizewski</i>
12.55 – 13.05	E.1.5.	Estimating food production in allotment gardens. A comparative study of Germany and Poland <i>Magdalena Szczepańska, Ewa Kacprzak, Barbara Maćkiewicz</i>
13.05 – 13.15	E.1.6.	City region food self-sufficiency within functional urban areas vs. Metropolitan areas <i>Marta Sylla</i>
13.15 – 13.45	Discussion	
Room 3	E.2.	Integrated System Analysis of Urban Vegetation and Agriculture Chair: Lenka Dubová (invited)
14.45 – 14.55	E.2.1.	Urban agriculture's climate change impacts come from surprising places: a life cycle assessment of three rooftop farms <i>Erica Dorr, Christine Aubry, Benoit Gabrielle</i>
14.55 – 15.05	E.2.2.	An integrated approach for assessment of benefits of Community Gardens and their contribution to wellbeing of City Dwellers, net social benefits and Members and Non-Members perception <i>Lenka Dubová, Jan Macháč, Alena Vacková, Zuzana Štorková</i>
15.05 – 15.15	E.2.3.	Food for thought: addressing urban food security risks in urban planning through urban agriculture in the Global South <i>Jorinda Steenkamp, Elizelle Juane Cilliers, Louis Gerhardus Lategan, Sarel Stephanus Cilliers</i>
15.15 – 15.25	E.2.4.	Health clinic gardens as communities of practice: stakeholders' perceptions on ecosystem services and disservices <i>Nanamhla Gwedla, Susanna Francina Cornelius, Marié J du Toit, Sarel Cilliers</i>
15.25 – 15.35	E.2.5.	Designing community forest-gardens in Budapest <i>Paloma Gonzalez de Linares</i>
15.35 – 16.15	Discussion	
Room 3	E.3.	Ecological & Socio-Economic Benefits from Urban Agriculture Chair: Lidia Ponizy
16.45 – 16.55	E.3.1.	Differences in motivations and social impacts across urban agriculture types: case studies in Europe and the US <i>Caitlin K. Kirby, Kathrin Specht, Runrid Fox-Kämper, Jason K. Hawes, Nevin Cohen, Silvio Caputo, Rositsa T. Ilieva, Agnès Fargue-Lelièvre, Lidia Ponizy, Victoria Schoen, Chris Blythe</i>
16.55 – 17.05	E.3.2.	The socio-cultural benefits of urban agriculture: a scan of the literature

		<i>Rositsa Ilieva, Nevin Cohen, Maggie Israel, Kathrin Specht, Runrid Fox-Kämper, Agnes Lelièvre, Lidia Poniży, Victoria Schoen, Silvio Caputo, Caitlin Kirby, Benjamin Goldstein, Chris Blythe</i>
17.05 – 17.15	E.3.3.	Socio-economic and socio-ecological benefits of allotment gardens – findings from case studies in France, Poland, and Germany <i>Marco Dobrodolac, Kathrin Specht, Runrid Fox-Kaemper, Lidia Poniży, Konstancja Federćzak, Béatrice Bechet, Liliane Jean-Soro, Agnes Lelievre, Werner Heidemann</i>
17.15 – 17.25	E.3.4.	The social and environmental value of public urban food forests: The case study of the Picasso Food Forest in Parma, Italy <i>Francesca Riolo</i>
17.25 – 17.35	E.3.5.	Analyzing potential user groups and their needs for an urban food forest in Berlin <i>Luisa Gedon, Jennifer Schulz, Torsten Lipp</i>
17.35 – 17.45	E.3.6.	What are the potential ecological and economic impacts of edible green spaces in cities? Example of a community garden in Vienna, Austria <i>Stefan Schweiger, Susanne Kummer, Benjamin Waltner, Isabella Gusenbauer, Thomas Drapela, Helena Sánchez, Florian Reinwald, Roswitha Weichselbaumer</i>
17.45 – 18.15	Discussion	

	F	Symposium ECOSERV 2021
Room 4	F.1.	Services of different ecosystems <i>Chairs: Małgorzata Stępniewska & Andrzej Mizgajski</i>
10.15 – 10.25	F.1.1.	Services of different ecosystems – an attempt to overcome silo approaches <i>Małgorzata Stępniewska, Andrzej Mizgajski</i>
10.25 – 10.35	F.1.2.	Mapping freshwater ecosystem services related to hydrological cycle – review of approaches and their applicability in Poland <i>Kamila Belka, Kinga Krauze, Elżbieta Antczak, Iwona Wagner, Renata Włodarczyk-Marciniak</i>
10.35 – 10.45	F.1.3.	Erosion control ecosystem service by vegetation with neophytes <i>rosa rugosa</i> thunb and <i>salix acutifolia</i> willd. in the Southern Baltic Coast (Poland) <i>Janina Borysiak, Paweł Czyryca, Małgorzata Stępniewska</i>
10.45 – 10.55	F.1.4.	Differences between supply and demand for ES provided by trees in rural and urban municipalities – case studies of Nysa and Racibórz in Poland <i>Marcin Mielewczyk, Patrycja Przewoźna, Krzysztof Mączka, Adam Inglot, Piotr Matczak</i>
10.55 – 11.05	F.1.5.	Ranking ecosystem services delivered by trees in urban and rural areas – case studies of Racibórz and Nysa in Poland <i>Patrycja Przewoźna, Mączka Krzysztof, Marcin Mielewczyk, Adam Inglot, Piotr Matczak</i>
11.05 – 11.15	F.1.6.	Restoration of post-mining landscape vs ecosystem services recognition and assessment <i>Katarzyna Fagiewicz</i>
11.15 – 11.25	F.1.7.	The link between a high-mountain community and ecosystem services of juniper forests in the Fann Mountains (Tajikistan)

		<i>Oimahmad Rahmonov, Anna Abramowicz, <u>Katarzyna Pukowiec-Kurda</u>, Katarzyna Fagiewicz</i>
11.25 – 11.45	Discussion	
Room 4	F.2.	Ecosystem Services in Environmental Management & Planning Chair: Harald Zepp & Luis Inostroza
12.15 – 12.25	F.2.1.	Strategic urban greenspace pattern optimization for overland flow mitigation: improvement of ecosystem service supply as an approach <i><u>Ming Qiu</u>, Min Wang, Harald Zepp</i>
12.25 – 12.35	F.2.2.	Urban-Rural Interlinkage – urbanization dynamics and its implications on land-use change and ecosystem services in Huangyan/Taizhou, China <i><u>Suili Xiao</u>, Wolfgang Wende, Ralf-Uwe Syrbe, Till Fügener</i>
12.35 – 12.45	F.2.3.	Ecosystem services application in the context of environmental-ecosystem accounting <i><u>Marta Sylla</u></i>
12.45 – 12.55	F.2.4.	Assessing the sustainability of Slovak cities with the ecosystem services approach <i><u>Peter Mederly</u>, Simon Vaňo, Denis Michalina, Michal Ševčík</i>
12.55 – 13.05	F.2.5.	Conceptualizing demand for ecosystem services – an adapted spatial-structural approach <i><u>Claudia Dworczyk</u>, Benjamin Burkhard</i>
13.05 – 13.15	F.2.6.	Rooftop greenery in ecological urban renewal of Shanghai: regulation, practice, and performance <i><u>Nannan Dong</u>, Shuangrui Zhao</i>
13.15 – 13.25	F.2.7.	Peri-urban organic waste values for Green Infrastructure <i><u>Susanne Hartard</u>, P. Fu, H. Hahn, L. Zhou, M. Narra, V. Shettigondahalli Ekanthalu, M. Nelles</i>
13.25 – 13.45	Discussion	
Room 4	F.3.	Ecosystem services in urban areas I Chair: Angela Hoff
14.45 – 14.55	F.3.1.	Assessment of ecosystem services at urban site-level – Methodological steps and development of an online tool for measure planning <i><u>Patrycia Brzoska</u>, Karsten Grunewald</i>
14.55 – 15.05	F.3.2.	An indicator-based approach for the development of an app as an information and decision support system for urban green space users <i><u>Celina H. Stanley</u>, Kerstin Krellenberg, Martina Artmann, Robert Hecht, Patrycia Brzoska, Sercan Cakir</i>
15.05 – 15.15	F.3.3.	The value of doing nothing – how informal green spaces can provide comparable ecosystem services to cultivated urban parks <i><u>Piotr Sikorski</u>, Beata Gawryszewska, <u>Daria Sikorska</u>, Jarosław Chormański, Axel Schwerk, Agata Jojczyk, Wojciech Ciężkowski, Piotr Archiciński, Maciej Łepkowski, Izabela Dymitryszyn, Arkadiusz Przybysz, Marzena Wińska-Krysiak, Barbara Zajdel, Jarosław Matusiak, Edyta Łaskiewicz</i>
15.15 – 15.25	F.3.4.	Assessment of the perceived quality of green spaces to derive green space supply for a balanced green space planning <i><u>Celina H. Stanley</u></i>
15.25 – 15.35	F.3.5.	Accessibility to urban ecosystems services and functions in contemporary cities – A spatial perspective <i><u>Daniele La Rosa</u></i>

15.35 – 15.45	F.3.6.	Targeting spontaneous vegetation of informal green spaces to enhance ecosystem services delivery in cities. <i>Piotr Archiciński, Piotr Sikorski, Daria Sikorska</i>
15.45 – 15.55	F.3.7.	Assessment of Ecosystem Services at City-Level in Russia: Main Approaches and Results <i>Oxana A. Klimanova, O.A.Illarionova</i>
15.55 – 16.15	Discussion	
Room 4	F.4.	Ecosystem services in urban areas II Chair: Marek Degórski
16.45 – 16.55	F.4.1.	Operationalization of the ES concept for urban ecosystems – challenges from the Polish perspective <i>Marek Degórski, Andrzej Affek, Bożena Degórska, Anna Kowalska, Edyta Regulaska, Jerzy Solon, Jacek Wolski</i>
16.55 – 17.05	F.4.2.	Ecosystem services policies and its implications for future urban planning in China – insights from the Shanghai master and Baoshan district plan <i>Matthias Falke, Harald Zepp, Lars Gruenhagen</i>
17.05 – 17.15	F.4.3.	Contribution of urban soils for Ecosystem Services: development of a large-scale soil function assessment <i>Martin Sauerwein</i>
17.15 – 17.25	F.4.4.	From landscape functions to ecosystem services and co-benefits – how can we tweak these concepts for better urban planning? <i>Rieke Hansen</i> CANCELED
17.25 – 17.35	F.4.5.	Urban geosystem approach to the assessment of ecosystem services <i>Ksenia Merekalova, Alexander Karandeev, German Titov, Natalia Ilinova, Natalia Kopaeva</i>
17.35 – 17.45	F.4.6.	The perception of ecosystem services provided by blue spaces in Warsaw from users' point of view <i>Anna Wilczyńska, Izabela Myszka, Simon Bell</i>
17.45 – 17.55	F.4.7.	Historical dynamics of carbon storage and sequestration of urban green spaces in China during 1985-2020 <i>Xianqyu Luo, Jun Yang</i>
17.55 – 18.15	Discussion	
Room 2	F.5.	Valuation of Socio-Cultural Services of Ecosystems Chair: Sylwia Kulczyk
16.45 – 16.55	F.5.1.	How to measure cultural ecosystem services? <i>Sylwia Kulczyk, Piotr Matczak, Marta Derek, Alina Gerlée, Krzysztof Mączka</i>
16.55 – 17.05	F.5.2.	Examining ecosystem services and disservices through deliberative socio-cultural valuation <i>Dalton Erick Baltazar, Marcello Di Bonito, Jillian Labadz, Roy Smith, Andrew Telford</i>
17.05 – 17.15	F.5.3.	Socio-cultural valuation of urban parks: the case of Jose Rizal Plaza in Calamba City, The Philippines <i>Dalton Erick Baltazar, Marcello Di Bonito, Jillian Labadz, Roy Smith, Andrew Telford</i>
17.15 – 17.25	F.5.4.	Cultural ecosystem services and disservices: linking landscape and social attributes to ecotourism in protected areas <i>Raphael Ocelli Pinheiro, Ludwig Triest, Priscila Lopes</i>
17.25 – 17.35	F.5.5.	“Been there, done that”. Cultural Ecosystem Services provided by green areas along urban–periurban wilderness continuum

		<i>Sylvia Kulczyk, Tomasz Grzyb, Edyta Woźniak, Marta Derek</i>
17.35 – 17.45	F.5.6.	Re-naturalizing the industrial city. Cultural ecosystem services in the Quarry Park <i>Marco Tononi, Antonella Pietta</i>
17.45 – 17.55	F.5.7.	Usability mapping: Participatory technique to integrate expert knowledge about supply and demand related to ecosystem services <i>Péter Palásti, Márton Kiss, Ágnes Gulyás, Éva Kerepeczki, Béla Halasi-Kovács</i>
17.55 – 18.15	Discussion	

July 9 (Friday) 2021		
Room 1		Plenary Session II
9.30 – 9.55	K.5.	Quantifying spatial heterogeneity of urban landscapes and its effects on urban climate <i>WeiQi Zhou</i>
9.55 – 10.20	K.6.	Seven imperatives for ecological urbanism <i>Russell A. M. Galt</i>
10.20 – 10.30	Discussion	
10.30 – 11.30	Current State and Challenges in Urban Ecology - Panel discussion <i>Jürgen Breuste, WeiQi Zhou, Doris Damyanovic, Russell A. M. Galt</i> <i>Andrzej Mizgajski - moderation</i>	
11.30 – 11.45	Coffee Break	
11.45 – 12.45	SURE General Assembly – open for All	
12.45 – 13.00	Wrapping up the 3 rd SURE Conference - Closing Ceremony	