

Session 1.

Urban ecosystem: Services and conflicts

Lecture room 1.21

6.05.2024, Monday

1.1. Changes in urban ecosystems

Chairperson: Katarzyna Gorczyca

POSTERS	
15:00–15:10	1. Julia Gorzelany , Tomasz Noszczyk, Anita Kukulska-Kozieł, Józef Hernik <i>Social ecosystem services provided by urban green spaces – experiences from Krakow</i>
	2. Klaudia Plac <i>Thermal-sensitive city users and the microclimate of human habitats. Thermal comfort, safety and urban fabric planning in the selected Polish cities</i>
ORAL PRESENTATIONS	
15:10–15:30	Katarzyna Krasnodębska , Przemysław Śleszyński, Andrzej Affek <i>Systematic mapping on modelling systemic changes in urban growth models – preliminary results</i>
15:30–15:50	Matej Wagner , Veronika Kvetonova, Michal Lehnert <i>Application of the 3-30-300 rule in Czech cities</i>
15:50–16:10	Veronika Kvetonova , Michal Lehnert, Jiri Panek, Jan Geletic, Petr Simacek <i>Different perspectives on the identification of urban thermal hotspots and coolspots, using the example of Prague</i>
16:10–16:30	Agata Lewandowska , Justyna Chodkowska-Miszczuk, Jagoda Ulewicz <i>Just transition – theory and practice. An example of an unfinished nuclear power plant in Żarnowiec, Poland</i>

7.05.2024, Tuesday

1.2. Green urban areas: services and conflicts

Chairperson: Bolesław Domański

10:00–10:20	Agata Warchalska-Troll , Paweł Pistelok, Anna Zielonka <i>When green meets compactness. In search for good practices of and challenges for implementing a green compact city idea in four Polish cities</i>
10:20–10:40	Marcin Rechciński , Joanna Tuszno, Małgorzata Grodzińska-Jurczak <i>Urban protected areas within a complex social-ecological system: Navigating conflict determinants through spatial indicator clustering and analysis of residents' perceptions</i>
10:40–11:00	Agnieszka Nowak-Olejniak , Jarosław Działek, Joanna Hibner, Justyna Liro, Rafał Madej, Martin Sudmanns, Dagmar Haase <i>Exploring Cultural Ecosystem Services and Disservices in Urban Green Spaces</i>
11:00–11:20	Katarzyna Gorczyca , Łukasz Fiedeń, Agnieszka Świgost Kapocsi, Magdalena Miśkowiec, Anna Sławik , Jacek Strojny <i>Green urban areas – places for building resilient communities or places where conflicts burn out?</i>
11:20–11:30	Discussion

Session 1.

Urban ecosystem: Services and conflicts

Lecture room 1.21

7.05.2024, Tuesday

1.3. Green transformation. Just plants or more?

Chairperson: Agnieszka Nowak-Olejniak

POSTERS	
12:00–12:30	1. Małgorzata Pietrzak , Małgorzata Luc <i>HEXAGEODESIGN GAME – an educational hierarchical game about public space</i>
	2. Sylwia Kulczyk, Piotr Matczak, Iwona Zwierzchowska, Michał Litwiński, Krzysztof Mączka, Alina Gerlée , Marta Derek <i>Ecosystem Services-Based Planning and Management of Multifamily Residential Areas: Bridging Practitioners' Approaches and Residents' Preferences</i>
	3. Łukasz Gręda <i>Capitals and biggest cities – different ways to measure distance between countries</i>
	4. Anna Kropywnytska , Maksymilian Łepeck, Mateusz Mirlak, Arleta Pająk , Marta Skupińska, Arkadiusz Wróbel, Jadwiga Gałka <i>Integration of immigrants with local society in the Berlin</i>
ORAL PRESENTATIONS	
12:30–12:50	Anna Avdiushchenko <i>Urban circular development and post-war green recovery: connections between concepts</i>
12:50–13:10	Jakub Taczanowski , Arkadiusz Kołoś, Łukasz Fiedeń, Robert Guzik, Adam Parol, Krzysztof Gwosdz, Jakub Łodziński <i>Implementation of electromobility in public transport in the context of sustainable urban development and climate change challenges. The case of Poland</i>
13:10–13:30	Discussion

1.4. Conflicts, participation, research. Urban ecosystems

Chairperson: Łukasz Fiedeń

14:30–14:50	Marta Derek , Sylwia Kulczyk, Tomasz Grzyb, Edyta Woźniak <i>'Walk and talk' about nature in nature. A qualitative approach to analyse conflicts and trade-offs in urban green spaces</i>
14:50–15:10	Gergely Papp <i>Complex socio-ecological framework development of the revitalisation of post-industrial urban peripheries' intangible and tangible heritage</i>
15:10–15:30	Hossein Talebi Khiavi , Jan Feranec, Robert Pazur <i>Urban land use change in Europe; linking green space connectivity and biodiversity</i>
15:30–15:50	Ewa Bubula , Paulina Pisarczyk, Ewa Grabska-Szwagrzyk <i>Dynamics of land use in small towns in Poland: A case study of Bodzentyn and Połaniec</i>
15:50–16:00	Discussion

Session 2.

Soils in the Anthropocene: Hazards, challenges and opportunities

Lecture room 1.26

6.05.2024, Monday

Chairpersons: Anita Bernatek-Jakiel, Łukasz Musielok

POSTERS	
15:00–15:20	1. Anna Bucata-Hrabia , Rafał Krocak, Tomasz Bryndal <i>Mapping sensitivity to land degradation in a small catchment using a modified MEDALUS method (Polish Carpathians)</i>
	2. Maciej Liro , Anna Zielonka, Tim H.M. van Emmerik <i>Rivers as macrosplastic fragmenters</i>
	3. Anna Zielonka , Maciej Liro <i>Global riverine macroplastic hotspots</i>
	4. Beata Łabaz , Alfred E. Hartemink, Yakun Zhang, Annalisa Stevenson, Cezary Kabała <i>Organic carbon in Mollisols of the world – a review</i>
	5. Patrycja Kramarczuk , Wojciech Szymański <i>Influence of vegetation on soil organic matter composition and spectroscopic properties in the subalpine zone of the Bieszczady Mountains (Eastern Carpathians)</i>
ORAL PRESENTATIONS	
15:20–15:40	Maciej Liro , Anna Zielonka <i>Tracking macroplastic fragmentation across world biomes</i>
15:40–16:00	Milica Kašanin-Grubin , Nevena Antić, Snežana Štrbac, Sanja Stojadinović, Vukašin Rončević, Nikola Živanović <i>Soil dynamics in an urban forest as a result of parent material and land use</i>
16:00–16:20	Anita Bernatek-Jakiel , Matthias Vanmaercke, Jean Poesen, Anna Biernacka, Pasquale Borrelli, Anastasiia Derii, Joanna Hałys, Joseph Holden, Gergely Jakab, Michał Jakiel, Panos Panagos, Dawid Piątek, Taco H. Regensburg, Jan Rodzik, Estela Nadal-Romero, Mateusz Stolarczyk, Els Verachtert, Patryk Waclawczyk, Wojciech Zgłobicki <i>Susceptibility to piping erosion in Europe</i>
16:20–16:40	Dawid Piątek , Anita Bernatek-Jakiel <i>How does ski infrastructure change soil erosion processes on hillslope?</i>
16:40–17:00	Łukasz Musielok , Marek Drewnik, Mateusz Stolarczyk, Wojciech Szymański <i>Assessing the effect of windthrows on soil organic carbon storage in different soil types – a case study in the Tatra Mountains, Southern Poland</i>

Session 3.

Dynamic land use changes: opportunity for rewilding?

Lecture room 1.23.

6.05.2024, Monday

3.1. Chairperson: Jacek Kozak

POSTERS	
15:00–15:50	1. Adriana Marcinkowska-Ochtyra , Adrian Ochtyra, Krzysztof Gryguc <i>Multitemporal satellite data as a potential for mapping mountain vegetation</i>
	2. Maciej Misztal <i>Functional mix on a city scale – the example of Warsaw</i>
	3. Małgorzata Kijowska-Strugała , Witold Bochenek, Sabina Wójcik, Tomasz Szydłowski <i>The impact of land use change on river water quality, an example from the Polish Western Carpathians</i>
	4. Maksymilian Solarski <i>The impact of contemporary hard coal exploitation on the development of subsidence basins in the Upper Silesian Coal Basin</i>
	5. Wojciech Haska , Maciej Liro, Paweł Mikuś, Elżbieta Górczyca <i>Road-side delivery of household waste to fluvial systems – the case of Kamienica Gorczańska catchment (Polish Carpathians)</i>
ORAL PRESENTATIONS	
15:50–16:10	Anton Van Rompaey , Lisa-Marie Hemerijckx <i>Towards a new landscape typology for the analysis of rural abandonment in Europe</i>
16:10–16:30	Wiesław Ziaja <i>Natural rewilding of the Sørkappland (Spitsbergen) coastal landscape</i>

7.05.2024, Tuesday

3.2. Rewilding in Central Europe

Chairperson: Ewa Grabska-Szwagrzyk

10:00–10:20	Roman Gula , Katarzyna Bojarska, Dominik Kaim, Jacek Kozak, Mahsa Shahbandeh, Joanna Toczydłowska <i>Renaturalization and wolf habitat</i>
10:20–10:40	Dominik Kaim , Michał Jakiel, Piotr Szubert, Volker Radeloff <i>Decline in the wildland-urban interface as opportunity for rewilding</i>
10:40–11:00	Aleksandra Zwolska , Marek Półrolniczak, Leszek Kolendowicz <i>Urban Growth's Implication on Land Surface Temperature in a Medium-Sized European City based on LCZ classification</i>
11:00–11:20	Adam Babuljak , Raquel Nogueira Rizzotto Falcão, Josef Krása, Tomáš Dostál <i>Římov Catchment: A Chronicle of Land-Use Transformations and Their Hydrologic Impacts</i>
11:20–11:30	Discussion

Session 3.

Dynamic land use changes: opportunity for rewilding?

Lecture room 1.23.

7.05.2024, Tuesday

3.3. Land cover remote sensing

Chairperson: Dominik Kaim

12:00–12:20	Zuzana Pazurova , Šimon Opravil, Robert Pazur <i>Hotspots of land cover change in national parks and their buffer zones in the last 20 years in Slovakia</i>
12:20–12:40	Adrian Ochtyra , Adriana Marcinkowska-Ochtyra, Krzysztof Gryguc, Edwin Raczko <i>Satellite imagery for monitoring changes in natural environment</i>
12:40–13:00	Katarzyna Cegielska, Anita Kukulska-Kozieł , Józef Hernik <i>Human-environmental relation as a component of identification and assessment of areas susceptible to changes in land use and land cover</i>
13:00–13:20	Paulina Pisarczyk , Ewa Bubula, Ewa Grabska-Szwagrzyk <i>Land cover dynamics in Połaniec town over the last two decades seen from aerial imagery</i>
13:20–13:30	Discussion

3.4. Land use and land cover: Case studies

Chairperson: Dominik Kaim

POSTER	
14:30–14:40	Tomáš Hrdý <i>The Shift of the Upper Treeline in the Ďumbier Tatras on Historical Maps and Current Aerial Photographs</i>
ORAL PRESENTATIONS	
14:40–15:00	Pavel Hronček, Bohuslava Hrončeková Gregorová, Tomáš Hrdý <i>River landscape in Banská Bystrica (Slovakia) at the beginning of the 18th century</i>
15:00–15:20	Urszula Myga-Piątek, Anna Żemła-Siesicka , Bartłomiej Szypuła, Agnieszka Piechota <i>Method for assessing landscape changes caused by deep mining of hard coal in mining areas on the example of Jastrzębska Spółka Węglowa (Poland)</i>
15:20–15:40	Karol Król , Tomasz Salata, Józef Hernik, Anita Kukulska-Kozieł, Katarzyna Cegielska <i>GeoSen: map applications with an artificial intelligence (AI) component – prototype application</i>
15:40–16:00	Tomasz Salata <i>Application of machine learning algorithms and satellite imagery in identifying land cover changes</i>
16:00–16:20	Discussion

Session 4.

Climate change: Detection and impacts

Lecture room 1.25

6.05.2024, Monday

4.1. Climate variability 1

Chairperson: Agnieszka Wypych

ORAL PRESENTATIONS	
15:00–15:20	Marián Melo , Martin Gera, Samuel Radič <i>Climate trends and climate change scenarios in Slovakia until 2100</i>
15:20–15:40	Ewa Łupikasza <i>Changing probabilities of days with snowfall and rainfall in the Atlantic Arctic under the climate warming</i>
15:40–16:00	Joanna Wibig <i>Are heatwaves and drought more likely to occur simultaneously with warming?</i>
16:00–16:20	Zbigniew Ustrnul , Jan Rehor, Agnieszka Wypych <i>Atmospheric circulation classifications for Central Europe – inventory approach</i>
POSTERS	
16:20–16:30	1. Julia Sałaja , Polina Danchenkova <i>Changes in the duration of snow cover extent in Central Europe (1951–2022)</i>
	2. Jakub Słotwiński <i>Urban heat island in the Górnośląsko-Zagłębiowska Metropolis: modelling the intensity and spatial extent of the phenomenon</i>

7.05.2024, Tuesday

4.2. Climate variability 2

Chairperson: Joanna Wibig

10:00–10:20	Miloslav Muller , Marek Kašpar <i>Czech and Central-European extreme weather events since 1961</i>
10:20–10:40	Kristina Szaboova <i>Correlation between increasing average temperature and increasing sultry days in one of the hottest places in Slovakia</i>
10:40–11:00	Zuzanna Bielec-Bąkowska <i>Long-term variability of air masses temperature in Kraków (1961–2023)</i>
11:00–11:30	Discussion

Session 4.

Climate change: Detection and impacts

Lecture room 1.25

7.05.2024, Tuesday

4.3. Urban climate

Chairperson: Ewa Łupikasza

12:00–12:20	Marta Róg <i>Hottest days of summer 2023 in Kraków – what they tell us about interconnections between Biotope Area Factor, Land Surface Temperature, and Urban Heat Island.</i>
12:20–12:40	Jan Geletic , Pavel Krc, Jaroslav Resler, Martin Bures, Hynek Reznicek, Michal Belda. <i>The complex role of trees as the most popular heat wave mitigation measure in Czech cities.</i>
12:40–13:00	Anita Bokwa , Mateusz Durka, Piotr Sekuła <i>Quantitative evaluation of the impact of land form and urban structure on UHI intensity spatial pattern in Kraków, Poland.</i>
13:00–13:30	Discussion

4.4. Climate change impacts, adaptation and mitigation

Chairperson: Zbigniew Ustrnul

14:30–14:50	Oksana Pelyukh <i>Vulnerability of mountain forest ecosystem of the Ukrainian Carpathians: application of the DPSIR framework</i>
14:50–15:10	Agnieszka Sulikowska , Ewa Grabska-Szwagrzyk, Agnieszka Wypych <i>Air temperature impact on springtime tree phenology in Poland based on satellite data</i>
15:10–15:30	Patryk Kaczmarek , Paweł Churski, Katarzyna Fagiewicz, Tomasz Herodowicz, Piotr Lupa, Joanna Morawska, Andrzej Mizgajski <i>Co-creation for climate action – experience with implementing NBS's</i>
15:30–16:00	Discussion

Session 5.

Tourism (Re)configured: Geographical Thinking in Tourism Studies

Lecture room 1.26

7.05.2024, Tuesday

5.1. Chairperson: Joanna Hibner

POSTERS	
10:00– 10:30	1. Vladimir Cech , Jana Vaskova, Radoslav Klamar <i>Adventure tourism development in Slovakia (on the example of hunting tourism and via ferrata's climbing)</i>
	1. Justyna Liro <i>The interdependencies of religious tourists' attributes in the light of contemporary socio-cultural changes</i>
	3. Justyna Liro , Anna Zielonka, Magdalena Kubal-Czerwińska, Elżbieta Bilaska-Wodecka, Izabela Sołjan, Aneta Pawłowska-Legwand <i>The relations of the religiosity components and participation in religious and spiritual tourism of young adults – Generation Z</i>
ORAL PRESENTATIONS	
10:30– 10:50	Adela Malak <i>Tourist experience of the national parks in Poland</i>
10:50–11:10	Weronika Michalska <i>Comparison of tourism potential of ZOO Wrocław and Warsaw Zoological Garden</i>
11:10–11:30	Discussion

5.2. Chairperson: Magdalena Kubal-Czerwińska

12:00–12:20	Julia Glibowska , Tomasz Wites <i>Saving the indigenous – how to preserve Huaorani culture and cope with climate change</i>
12:20–12:40	Chao Lei <i>Restructuring of rural cultural spaces in tourism development: A case study of reviving the Star Worshipping Festival in Zhangbi Ancient Fortress</i>
12:40– 13:00	Joanna Hibner <i>Exploring visitor spatial behavior trends in protected and recreational areas – a research concept</i>
13:00–13:20	Małgorzata Luc , Krzysztof Grabarek, Bartłomiej Ślowski, Julia Zwolińska, Bartosz Zarzecki, Jerzy Walaszek <i>The Great Polish Map of Scotland – is this model really cartometric?</i>
13:20–13:30	Discussion