



Detailed Programme

4th Joint Congress of the Czech and Slovak Geographical Societies · Košice, 7–10 September 2026

Monday, 7 September 2026

10:00 – Registration – RB0A5 Aula entrance

14:00 – 14:30 · Opening ceremony – RB0A5 Aula

Prof. MUDr. Daniel Pella, PhD. – Pavol Jozef Šafárik University – Rector

Ing. Jaroslav Polaček, DPA – Mayor of the City of Košice

Doc. RNDr. Pavel Chromý, PhD. – President of the Czech Geographical Society

Prof. PaedDr. PhDr. RNDr. Martin Boltižiar, PhD., MBE. – President of the Slovak Geographical Society

14:30 – 16:00 · Keynote lectures – RB0A5 Aula

Prof. Nathalie Lemarchand – President of the International Geographical Union

Topic: *Recycling shopping areas*

Prof. Zoltán Kovács – President of the Association of Geographical Societies in Europe

Topic: *Challenges of sustainable cities and possible answers*

Prof. Jakub Langhammer – Head of Department of Physical Geography and Geoecology,
Faculty of Science, Charles University in Prague

Topic: *From maps to AI: How technology is transforming geography and the work of geographers*

16:00 – 16:30 · Coffee break

16:30 – 18:00 · Parallel sessions

19:00 – 21:00 · Welcome gathering (wine reception) – Sokrates building, canteen

US-GI1 – Urban Sustainability, GIS and Green Infrastructure

Sokrates – AS2P1 · English · Chair: Jaroslav Hofierka

Time	Author(s)	Title
16:30 – 16:45	Jaroslav Hofierka	Geography of Heat: Integrating GeoAI and Multi-scale Geospatial Modelling for Analysis of Urban Heat Stress in Košice
16:45 – 17:00	Michal Gallay, Tomáš Fedor, Jaroslav Hofierka, Daniela Kolcunová, Michaela Nováková, Katarína Onáčillová, Martin Pukančík, Ján Šašak, Pamela Valentová	A Multi-Source GIS Framework for Mapping Energy and Climate Adaptation Potential in the Košice Self-Governing Region
17:00 – 17:15	Samuel Ferencei, Ivan Petro, Barbora Slabeciusová, Dominika Smičková Koháryová	Digitalization of Public Greenery Management in Bratislava
17:15 – 17:30	Nándor Tráser, András Szkalitsity, Olivér Kriska, Gyula Nagy	How can participation lead to transformative change: The co-design of tactical urbanist greening actions
17:30 – 17:45	Péter Gyenizse, Tibor Elekes, Ákos Halmai, Ervin Pirkhoffer	Assessment of residential areas in the city of Szeged (Hungary) using a questionnaire survey and GIS
17:45 – 18:00	Marta Czaplicka, Małgorzata Dudzińska, Agnieszka Dawidowicz, Adam Senetra	Beyond functional-spatial assessment: Landscape indicators in the Age-Friendly Residential Areas (AFRA) methodology and their contribution to sustainable development goals

PG1 – Geopolitical Transformations across Eurasia: Power, Influence and Identity

Sokrates – AS2P2 · English · Chair: Libor Jelen

Time	Author(s)	Title
16:30 – 16:45	Zdeněk Opršal	Neither North nor South: The Global East and the uneven geographies of knowledge production in Development Studies
16:45 – 17:00	Cüneyt Öner	Investigating Nationalist Dynamics in Türkiye in the Changing Political Environment After the 2016 Military Coup in Türkiye: Analysis of the Partnership Between the Republican People's Party (Pro-Turkish) and the People's Democratic Party (Pro-Kurdish)
17:00 – 17:15	Vít Volný	Shifting Geopolitical Priorities and the Transformation of Kosovo's Development Paradigm
17:15 – 17:30	Tomáš Král	Uzbekistan as a regional actor: state autonomy in the context of Russian and Chinese influence
17:30 – 17:45	Vincenc Kopeček, Dita Sutterová, Tsotne Tchanturia	Transnational Narrative Intermediaries: Russian Geopolitical Narratives and Foreign Interference
17:45 – 18:00	Martin Lepič	“We don't feel like their kin”: Assessing national minorities' relations with claimed kin-states in Georgia and Ukraine

TA-US1 – Geographical Thought and Urban and Regional Transformations

Platón – AP1P1 · SK/CZ · Chair: Luděk Sýkora

Time	Author(s)	Title
16:30 – 16:45	René Matlovič, Kvetoslava Matlovičová	Toward a Metamodern Geography: Beyond Modernist Certainty and Postmodern Fragmentation
16:45 – 17:00	Josef Kunc, Petr Tonev, Markéta Novotná	Industrial Specialization, Deindustrialization, Functional, Spatial and Population Changes: the example of Czech cities, particularly Brno
17:00 – 17:15	Josef Novotný, Saurav Chakraborty, Alexander Follmann, Indranil Maity, Jasper van Vliet	Toward a context-sensitive analysis of urban sanitation in India across scale and space
17:15 – 17:30	Jan Bystroň	What makes real housing estates (un)interesting? Case study of Ostrava–Poruba
17:30 – 17:45	Radim Perlín	How can peripheral regions in the Czech Republic be defined and delineated?
17:45 – 18:00	Jan Kopp, Jiří Ježek, Jiří Preis, Jiří Pánek, David Vogt	Green infrastructure as part of the image of preferred housing locations for young people in Czechia

HG1 – Energy Transition, Regional Development and Spatial Inequalities

Platón – AP1P2 · SK/CZ · Chair: Petr Klusáček

Time	Author(s)	Title
16:30 – 16:45	Petr Dvořák, Barbora Duží	Waste-to-Energy in Czechia: development potential, spatial distribution and challenges of social acceptance
16:45 – 17:00	Olga Halášová, Adam Stražovec, Pavel Klapka	From Single-Person Households to Large Households: Differences in Energy Behaviour and Appliance Use
17:00 – 17:15	Jan Ženka, Simona Bartošová Štastná, Jan Macháček, Alina Younis	Social acceptance of battery recylation plants in old industrial regions
17:15 – 17:30	Pavol Korec	Social polarization in Slovakia, global and national impulses
17:30 – 17:45	Jaro Rusnák	From Contexts to Trajectories: Development Paths of Slovak Regions since 2004
17:45 – 18:00	Jiří-Jakub Zevl, Adam Klsák, Jiří Nemeškal	At the Edge: Peripheralization in Czechia's Westernmost Region

Tuesday, 8 September 2026

08:30 – 12:00 · Registration – Sokrates building, entrance

09:00 – 10:15 · Parallel sessions

PH-LS1 – Landscapes and Landforms: Change, Assessment and Perception

Sokrates – AS2P1 · English · Chair: Matej Vojtek

Time	Author(s)	Title
09:00 – 09:15	Federica Rizzetto	Anthropogenic influence on the long-term morphological evolution of a tidal inlet in the Venice barrier island system (northern Adriatic Sea, Italy)
09:15 – 09:30	Ladislav Tolmáči, Pavlo Zhyrnov	Geoenvironmental suitability and engineering-constraints model for the Štiavnické vrchy protected landscape
09:30 – 09:45	Olha Kachalova, Jakub Červenka, Jakub Houška, Giuseppe Amatulli	GeoHydroMorphoCZ_10m: An Analysis-Ready Geomorphometric and Hydrographic Dataset for the Czech Republic and Its Applications in Environmental Research
09:45 – 10:00	Monika Kopecká, Tomáš Goga, Daniel Szatmári, Kateryna Polyvach	Land consolidation as a tool for changing landscape structure – goals versus reality
10:00 – 10:15	Adam Senetra, Marta Czaplicka	Multisensory Landscape: Is the landscape perception through various senses a function of age and changing civilizational conditions?

GE1 – Geography Education in the Digital Era

Sokrates – AS2P2 · English · Chair: Miroslav Marada

Time	Author(s)	Title
09:00 – 09:15	Güneyi Vural, Martin Hanus	Teachers' Perceptions of Potential, Barriers, and Classroom Integration
09:15 – 09:30	Martin Hanus, Lenka Krajňáková, Martin Kutíš, Dana Řezníčková, Veronika Bernhäuserová, David Trokšiar	MapStrApp: A Digital Application for Developing Map-Use Strategies in Geography Education
09:30 – 09:45	Alena Lukáčová	Implementing COIL and OpenStreetMap in Secondary Geography Education: A Case Study from the EUthMappers Project
09:45 – 10:00	Stela Csachová, Štefan Gábor	Geography Teachers' Perception of Curricular Changes
10:00 – 10:15	Petr Trahorsch, Hana Svobodová, Jakub Jelen	Pathways to High Performance in Geography: Perspectives of Geography Olympiad Finalists and Their Teachers

HG2 – Urban Mobility: Public Transport, Methods and Challenges

Platón – AP1P1 · SK/CZ · Chair: Stanislav Kraft

Time	Author(s)	Title
09:00 – 09:15	Robert Osman	Temporal design of public transport smoothness
09:15 – 09:30	Kateřina Kolková, Michal Lehnert, Veronika Květoňová, Dominik Novotný, Martin Jurek, Aleš Léta, Adam Stražovec, Olga Halášová, Jan Geletič	Public Transport Stops Under Heat Stress: A Case Study from Olomouc, Czech Republic
09:30 – 09:45	Štefan Gábor	Towards More Reliable Spatial Analyses of Shared Micromobility: A Network Snapping Approach
09:45 – 10:00	Diana Ritterová, Jiří Pánek	Mixed participatory mapping approach in urban mobility research
10:00 – 10:15	Marcel Horňák	Urban Mobility Constraints in Central European Cities: Recent Evidence, Policy Responses, and Research Gaps

PG2 – Borders and Borderlands: Geopolitical, Historical and Tourism Perspectives

Platón – AP1P2 · SK/CZ · Chair: Vincenc Kopeček

Time	Author(s)	Title
09:00 – 09:15	Gabriel Zubriczký, Filip Šandor	Post-Soviet space and Slovakia
09:15 – 09:30	Martin Angelovič, Robert Ištok	The External Schengen Border as a Factor Influencing Quality of Life: Evidence from the Slovak–Ukrainian Borderland
09:30 – 09:45	Roman Najdený, Daniel Gurňák	A Stable or a Fuzzy Border: The Czech–Slovak Frontier in Historical-Geographical Research
09:45 – 10:00	Daniel Michniak, Marek Więckowski	The significance of borders as tourist attractions (case study of Bratislava)
10:00 – 10:15	Petr Marek	Similarities and differences in the tourist use of defensive and peaceful relict borders: the example of the Berlin Wall and the Bohemian-Moravian boundary
10:15 – 10:30	Milan Jeřábek, Vladimír Slavík	The Czech-Slovak Border Region – Town-twinning as a Form of Cross-Border Cooperation

10:20 – 15:00 · Poster session (authors present at their posters until 11:00) – Sokrates building

10:30 – 11:00 · Coffee break

11:00 – 12:30 · Parallel sessions

SI1 – Socio-spatial Inequalities and Spatial Justice

Sokrates – AS2P1 · English · Chair: Zoltán Kovács

Time	Author(s)	Title
11:00 – 11:15	Roman Matoušek, Martin Bárta	Uneven legacies, uneven exposure: Mapping household vulnerability to EU emission trading systems in Czechia
11:15 – 11:30	Clelia Menna	Socio-economic deprivation, Collaborative Practices and Territorial Transformations in Marginalized Urban Peripheries: A Comparative Analysis of Tor Bella Monaca (Rome) and Le Mirail (Toulouse)
11:30 – 11:45	Géza Salamin, Péter Uhlár	Spatial Differences in Attitudes Toward Family Values in Hungary
11:45 – 12:00	Ján Výboštok, František Križan	Childcare Deserts in Bratislava
12:00 – 12:15	Ladislav Novotný	High Socio-Economic Segregation in a Low-Inequality Country? The Role of Spatial Scale in Interpreting Segregation in Slovakia
12:15 – 12:30	András Szkalisity, Gyula Nagy	Spatial Patterns of Energy Poverty in Hungarian Urban Areas

HG-SI1 – Demographic Change, Public Services and Spatial Justice

Sokrates – AS2P2 · SK/CZ · Chair: René Matlovič

Time	Author(s)	Title
11:00 – 11:15	Branislav Bleha	Demography and geography of longevity. Will half of the people from generation Alpha be centenarians?
11:15 – 11:30	Markéta Novotná, Josef Kunc, František Križan	Regional Inequalities in Social Care under Demographic Ageing
11:30 – 11:45	Angelika Švecová, Michala Sládeková Madajová, František Križan	Pre-primary Education in Slovakia from the Perspective of Local Governments: Implementation, Challenges, and Inequalities
11:45 – 12:00	Janetta Nestorová Dická	Demographic Decline and the Future of Higher Education in Slovakia: A Cohort and Regional Outlook to 2040 with a Perspective to 2050
12:00 – 12:15	Lucia Ester Hámorová	Menstrual utopia from the perspective of feminist geographies

HG3 – Migration, Integration and Cultural Geography

Platón – AP1P1 · SK/CZ · Chair: Martin Šveda

Time	Author(s)	Title
11:00 – 11:15	Josef Novotný, Jiří Hasman, Jonáš Suchánek, Dušan Drbohlav	Mechanisms underlying public attitudes towards migrants and migration policies
11:15 – 11:30	Tomáš Havlíček	Religion and Migrant Integration in a Broader Context: Examples from Ukrainian Migration in Czechia
11:30 – 11:45	Jiří Hasman, Jonáš Suchánek, Josef Novotný, Dušan Drbohlav	The hierarchy of deservingness: Irina deserves help, but Ousmana is not welcome in the Czech Republic!
11:45 – 12:00	Aleš Nováček, Radim Král	Spatial distribution of toponyms with the adjective “Czech”: historical and cultural perspectives

GE2 – Geography Education and Geographies of Schooling: Curriculum, Content and Choice

Platón – AP1P2 · SK/CZ · Chair: Martin Hanus

Time	Author(s)	Title
11:00 – 11:15	Štefan Karolčík	School Geography: Without Life and Without a Future?
11:15 – 11:30	Miroslav Marada, Dana Řezníčková	How do basic school principals decide on the number of geography lessons? A report on Czech schools at the time of curriculum revision
11:30 – 11:45	Daniel Gurňák	The Challenges of Teaching Geography of the Post-Soviet Space – Its Position in Geography Education in Slovak Schools
11:45 – 12:00	Kateřina Gorčíková, Veronika Kotašková	“My Dad Says It's a Hoax”: Exploring Pre-Service Geography Teachers' Pedagogical Content Knowledge and Emotional Readiness in Climate Change Education
12:00 – 12:15	Ján Feranec, Jan Kolář, Ján Kaňák, Šimon Opravil, Juraj Janák, Daniel Szatmári	The book Guide to selected satellite measurements: an overview
12:15 – 12:30	Petr Meyer	Spatio-temporal Dynamics of School Choice: The Case of Basic Education in Czechia

12:00 – 13:30 · Lunch break

13:30 – 15:00 · Parallel sessions

US1 – Metropolitan Development and Urban Systems

Sokrates – AS2P1 · English · Chair: René Matlovič

Time	Author(s)	Title
13:30 – 13:45	János Balázs Kocsis	Transformation of the Urban Fringes: Population Growth and Residential Relocation in the Peripheries of Hungarian Cities
13:45 – 14:00	Robert Szmytkie, Stanislav Kraft, Ladislav Novotný, Géza Salamin	Absolute and Relative Hierarchies of Cities in the Visegrad Countries
14:00 – 14:15	Artur Bajerski, Alicja Kochner	Who Lived Where? Distribution and Concentration of Socio-Professional Groups in Interwar Poznań's City Centre
14:15 – 14:30	Luděk Sýkora, Mirosław Grochowski, Ivan Tosics	Metropolitan Governance without Metropolitan Government: EU Cohesion Policy and the Urban Dimension in Budapest, Prague and Warsaw

PG3 – Electoral Geography, Political Behaviour and Political Discourse

Sokrates – AS2P2 · SK/CZ · Chair: Tibor Madleňák

Time	Author(s)	Title
13:30 – 13:45	Josef Král	Geopolitical discourses among elementary and secondary school teachers in Czechia and Slovakia
13:45 – 14:00	David Vogt	Selected Political-Geographical Aspects of Young People in Czechia
14:00 – 14:15	Matej Martinák, Jiří Hasman, Martin Lepič	Progressing places, progressive parties? Relevance and spatiality of the transnational cleavage – the case of Progressive Slovakia
14:15 – 14:30	Tadeusz Siwek	Sustainability of the transformation of old coal mine regions as a subject of competition between the main political forces in Czechia and Poland
14:30 – 14:45	Lukáš Vizváry, Martin Plešivčák	Where Are the Unheard Voices Hiding? The Geography of Electoral Non-Representation in Slovakia
14:45 – 15:00	Oliver Bobovčák	Map of Victims of Communism in Slovakia

PH-LS2 – Landscape Change, Management and Historical Geography

Platón – AP1P1 · SK/CZ · Chair: Monika Kopecká

Time	Author(s)	Title
13:30 – 13:45	Pavel Hronček, Bohuslava Hrončková Gregorová	A Historical-Geographical Reconstruction of Water Bodies in the Lower Course of the Hron River Based on the Work of Matej Bel
13:45 – 14:00	Peter Mackovčin	Topographical maps of scales 1:25 000 to 1:75 000 from the territory of Slovakia from the beginning to the end of World War II
14:00 – 14:15	Zita Izakovičová	Landscape ecological tools for climate mitigation and adaptation in Slovakia
14:15 – 14:45	Jiří Vágner, Tereza Kůsová, Dana Fialová, Zdeněk Kučera, Martina Tůmová	Changes in the tourist and recreational use of the Vltava River and its impact on the long-term development of municipalities and the local landscape

GI1 – Geoinformatics, Remote Sensing and Participatory Mapping

Platón – AP1P2 · SK/CZ · Chair: Michal Gallay

Time	Author(s)	Title
13:30 – 13:45	Jan Geletič, Eduardo Krüger, Matthias Demuzere, Michael Leuchner, Martin Jurek, Michal Lehnert	Light pollution in global cities based on local climate zones
13:45 – 14:00	Adam Šupčík, Daniel Hudák	Identifying problem areas in agricultural fields using remote sensing
14:00 – 14:15	Daniel Doležal, Damian Collins, Petr Šimáček	Assessment of Residential Attractiveness at the Local Level
14:15 – 14:30	Markéta Šantrůčková, Lucie Medková, Martin Weber, Jiří Pánek, Tomáš Veith, Alois Vokoun	Participative mapping of cultural landscape values

15:15 – 17:15 · RB0A5 – Aula · General Assembly of the Slovak Geographical Society

17:15 – 19:15 · Sokrates – AS2P1 · General Assembly of the Association of Slovak Geomorphologists

Accompanying programme

15:30 – 19:00 · Optional guided museum visits

Wednesday, 9 September 2026

08:30 – 10:00 • Registration – Sokrates building, entrance

09:00 – 10:30 • Parallel sessions

RS1 – Remote Sensing and Earth Observation

Sokrates – AS2P1 • English • Chair: Ján Feranec

Time	Author(s)	Title
09:00 – 09:15	Miloš Rusnák, Jozef Šupinský, Ján Šašak, Hamid Afzali, Asharf MD, Lukáš Michaleje	3D river channels for future riparian biodiversity assessment
09:15 – 09:30	Michal Girmala, Ján Kaňuk, Zdeněk Klusoň, Róbert Krajčovič	Multi-Platform Hyperspectral and Thermal Earth Observation for Environmental Monitoring
09:30 – 09:45	Seghier Saad, Yolanda Sánchez Sánchez, Mercedes Suárez Barrios, Abdelkader Ouali Mehadji	AI-Assisted Geological Prediction in the Central Saharan Atlas Reliefs (Southwestern Algeria): A Geo-AI and Remote Sensing Approach to Weathered Basalt Detection and CAMP Eastern Boundary Mapping within Triassic Diapir Structures
09:45 – 10:00	Jakub Andrzejak, Martyna Motylska, Hanna Sojka	A multidisciplinary approach to fault zone detection: geological mapping, geophysical surveys, and gas emission measurements – a case study of the Podhale Basin, southern Poland

HG4 – Regional Development: Visions, Transformations and Heritage

Sokrates – AS2P2 • English • Chair: Jan Ženka

Time	Author(s)	Title
09:00 – 09:15	Jiří Preis, Ján Záhořík	The Africa that Africans Want: Perceptions of Agenda 2063 Between Pan-African Aspirations and Local Development Realities
09:15 – 09:30	Janusz Rewucki, Katarzyna Buczek	Viticulture in the Zielona Góra Region: A Historical and Statistical Analysis and Its Implications for Tourism Development
09:30 – 09:45	Paweł Brezdeń	Innovativeness of the Polish industry against the background of changes in the spatial structure of industrial innovativeness in the new EU Member States
09:45 – 10:00	Petr Klusáček	Re-use of Brownfields for Housing Development: Examples of Good Practice from Brno
10:00 – 10:15	Libor Lněnička, Tomáš Burda, Pavlína Chaloupská, Veronika Židová	Sugar Industry Heritage in the Contemporary Landscape of Upper and Middle Elbe River Valley. Experiences in Searching of Sugar Industry Landscapes

HG5 – Local Development, Community Resilience and Territorial Cooperation

Platón – AP1P1 • SK/CZ • Chair: Janetta Nestorová Dická

Time	Author(s)	Title
09:00 – 09:15	Milan Takáč, Pavol Hurbánek, Ilona Svobodová	The Relationship between Municipality Size and Selected Population Characteristics in Czechia and Slovakia
09:15 – 09:30	Jan Kubeš, Adam Boček	Overlooked very small towns. How do they rank in demographic, social, human and economic capital?
09:30 – 09:45	Ondřej Konečný, Jan Pivoda, Gabriela Sovová	What Does the Future Hold for Local Action Groups in the Czech Republic?
09:45 – 10:00	Vladan Hruška, Šárka Lukešová, Veronika Kupková	How development actors transform local heritage: interpretation and valorization of rural sites
10:00 – 10:15	Petr Daněk, Lucie Sovová, Marta Kolářová, Petr Jehlička, Jan Vávra	Spaces of everyday food: strengthening food resilience through networks of care

HG6 – Transport Networks, Mobility and Accessibility

Platón – AP1P2 · SK/CZ · Chair: Marcel Horňák

Time	Author(s)	Title
09:00 – 09:15	Marián Halás, Stanislav Kraft	Functional regional taxonomy of world cities based on air transport: the impact of the COVID-19 pandemic
09:15 – 09:30	Vladimír Székely, Ján Novotný	Public transport accessibility and rural left-behindness: case study from Krupina district (Slovakia)
09:30 – 09:45	Martin Šveda, Michala Sládeková Madajová	When distance decays differently: weekly variation in population mobility in Slovakia
09:45 – 10:00	Miroslav Marada, František Chromý	Has the COVID-19 pandemic changed the global air transport network? Airport connectivity and hierarchy between 2019 and 2023

10:30 – 11:00 · Coffee break

11:00 – 12:30 · Parallel sessions

NH-HE1 – Natural Hazards, Human–Environment Interactions and Health

Sokrates – AS2P1 · English · Chair: Miloš Rusnák

Time	Author(s)	Title
11:00 – 11:15	Anna Borsíková, Matej Vojtek, Marcel Vasiťák	Pluvial flood potential assessment using a multi-criteria approach: a case study of the Kamenec basin, Eastern Slovakia
11:15 – 11:30	Lukáš Marek	The Physical Environment and Health Outcomes: Evidence from Aotearoa New Zealand
11:30 – 11:45	Anna Kidová, Marián Jančovič, Peter Labaš, Akhtar Zeb Khan	Co-evolution of the Belá River corridor under cumulative anthropogenic pressures: linking hydrogeomorphology, river engineering and human adaptation
11:45 – 12:00	Eva Výrostová	Industrial Structure and Self-Rated Health in European Regions: A Multilevel Analysis
12:00 – 12:15	Matúš Tomaga, Adam Rusinko, Pavel Krajčí	Exploring the Use of the Open-Source AvaFrame Platform for Avalanche Simulation: Case Studies from Slovakia

HG7 – Migration, Identity and Human Capital

Sokrates – AS2P2 · English · Chair: Martin Ouředníček

Time	Author(s)	Title
11:00 – 11:15	Iffat Sadiya, Pavel Šuška	Geographical aspects of gender inequality: An intersectional analysis of topophilia and topophobia among female Muslim international students in Bratislava
11:15 – 11:30	Natalia Jaroszek	Shaping identity: the impact of “internal” migration on self-perception among Czechs and Slovaks
11:30 – 11:45	Filip Němeček	International students' university experience and change in staying intention: evidence from the UK and Czechia
11:45 – 12:00	Daniel Bečvář	Can graduates return without universities? Re-attraction factors in a transforming region
12:00 – 12:15	Ondřej Šerý	Queer Temporalities and Spatialities in the Czech Context

HG-SI2 – Socio-Economic Geographies and Spatial Inequalities across Scales

Sokrates – AS2P3 · SK/CZ · Chair: Jiří Preis

Time	Author(s)	Title
11:00 – 11:15	Radoslav Klamár, Ján Kozoň	Regional disparities and their level in selected european countries
11:15 – 11:30	Jan Pivoda, Ondřej Konečný	Mapping “Funding Deserts” in the South Moravian Region: Spatial Analysis of Funding Disparities at the Municipal Level (2014–2020)
11:30 – 11:45	Lenka Jetmar Hellebrandová	Contribution of the Operational Programme Just Transition to the development of selected cities in Czechia
11:45 – 12:00	Jan Ženka, Marián Kulla	Limits of microgeography? Spatial patterns of software industries in Ostrava and Košice
12:00 – 12:15	Katarína Danielová, Miroslava Trembošová	Localization and expansion of grocery stores of selected retail chains in the Czech Republic and Slovakia
12:15 – 12:30	Martin Křetínský, David Fiedor	The Relationship between Gambling Spaces and Crime at the Local Level in Czechia

12:00 – 13:30 · Lunch break

13:30 – 15:00 · Parallel sessions

US-E3 – Urban Transformation, Heritage and Sustainable Infrastructure

Sokrates – AS2P1 · English · Chair: János Balázs Kocsis

Time	Author(s)	Title
13:30 – 13:45	Martin Ouředníček, Dorota Mantey, Ján Výboštok	Comparison of the extent of residential suburbanization in an international context: Czechia, Slovakia and Poland
13:45 – 14:00	Bálint Hilbert	Managing Urban Transformation in a Changing Fin-de-Siècle Context: A Historical-Geographical Assessment of Urban Policies in Vienna and Budapest (1880–1910)
14:00 – 14:15	Robert Szmytkie	Long-term suburbanization around large Polish cities
14:15 – 14:30	Luděk Krtička, Martin Bárta, Petr Dvořák, Marcin Spyra	Characteristics of Brownfields in the Cross-Border Region of the Moravian-Silesian Region and the Silesian Voivodeship
14:30 – 14:45	Wojciech Jurkowski	Socio-Psychological Barriers to Sustainable Transport: Insights from Poland

PH-LS3 – Spatial Analysis and Monitoring of Land Surfaces and Ecosystems

Sokrates – AS2P2 · SK/CZ · Chair: Michal Gallay

Time	Author(s)	Title
13:30 – 13:45	Jozef Minár	Regional aspect of physical geomorphometry – a new interpretation of land surface roughness
13:45 – 14:00	Vladimír Šagát, Vladimír Falťan	Temporal variability of forest stand factors influencing bark beetle infestation in Veľká Fatra National Park, Slovakia
14:00 – 14:15	Veronika Beranová	Temporal and spatial variability of soil organic carbon in precision agriculture
14:15 – 14:30	Tomáš Rusňák, Andrej Halabuk, Hubert Hilbert	SLAM LiDAR as a tool for identifying changes in vegetation structures of forest stands invaded by <i>Ailanthus altissima</i>

US-HG1 – Urban Mobility and Temporalities: Planning, Safety and Sustainability

Sokrates – AS2P3 · SK/CZ · Chair: Jaroslav Hofierka

Time	Author(s)	Title
13:30 – 13:45	Michal Kowalski, Miroslav Marada	Transport-Based Time Availability of Cities
13:45 – 14:00	Marek Lichter, Jiří Malý	Disoriented? Rethinking the (Pre)understanding of Urban Centrality in Mobility Planning
14:00 – 14:15	Jiří Malý, David Gorný, Michaela Kousalová, Radim Lískovec, Ondřej Mulíček	Narrating Everyday Mobilities: Learning from Older Adults for Inclusive X-Minute Planning
14:15 – 14:30	Radim Lískovec, Ondřej Mulíček	Beyond the Daytime City: Urban Night as a Temporal Landscape
14:30 – 14:45	René Jirmus	Urban Planning Heritage and Child Safety: The Impact of Construction Era on Playground Vegetation Risks
14:45 – 15:00	Simona Bartošová Šťastná, Martin Bárta, Petr Rumpel, Martina Vráblová, Kateřina Smutná	Waste Ice Management at Ice Arenas in Czechia as an Issue of Sustainable Sports Infrastructure

16:00 – 18:00 · ERC Grants for geographers (SK/CZ) – Rectorate Building, Historical Aula

19:00 – 24:00 · Conference dinner - DKC Veritas (Dominikánske námestie, 8)

Didactic Day Wednesday, 9 September 2026

08:30 – 10:00 · Registration – Sokrates building, entrance

10:00 – 12:00 · Panel discussion – Rectorate Building, Historical Aula

12:00 – 13:00 · Lunch break

13:00 – 13:30 · TAKTIK publishing house presentation – Rectorate Building (RA2C02)

13:30 – 15:00 · Workshop – Rectorate Building (RA2C02)

15:00 – 16:00 · Presentation: Map of Victims of Communism – Rectorate Building (RA2C02), followed by optional museum visit

Thursday, 10 September 2026

09:00 · Full-day and half-day field excursions – meeting point in front of the Sokrates Building

Posters

Tuesday 10:20 – 15:00 – authors present at their posters until 11:00

Wednesday 09:00 – 15:00 – posters on display

Sokrates building

Author(s)	Title
Tomáš Bendl, Miroslav Marada, Karolína Vašutová	How AI tools can cultivate high-order thinking in geography education: a systematic review
Katarína Danielová, Viktória Síthová	Pedestrian Barrier-Free Accessibility and Passability in the Bratislava–Devínska Nová Ves City District for Marginalised Population Groups
Petra Dávidová, Michal Gallay, Jozef Šupinský	Comparative flash flood modelling in contrasting urban environments
Martin Dolejš	Quantification and Standardization of Environmental Indicators at the Level of Basic Settlement Units: A Case Study of the Ústí nad Labem Region
Tomáš Fedor, Jaroslav Hofierka, Michaela Nováková, Katarína Onačillová	From Post-Storm Damage Surveys to Mobile Severe Storm Observations: Developing an Integrated Field Research Platform in Central Europe
Jindřich Frajer, Filip Kovařík, Jiří Šimera, David Fiedor	Structure of municipal tax revenues in the Czech Republic
Štefan Gábor, Tomáš Fedor, Ladislav Novotný, Loránt Pregi	Fine-Scale Assessment of Thermal Exposure of Shared Micromobility Users
Dušan Gold	Assessing the impact of weather on visitation patterns in cottage areas using mobile positioning data
Frederik Hirner	Transformation of Ethnic Structure and Diversity in Bratislava and the Rural Districts of Pezinok and Senec (1910–1950)
Zita Izakovičová, Milena Moyzeová, Jana Špulerová	Long-term socio-ecological research at the Trnava ILTSER site
Lucie Kabelová, Martin Dolejš	Spatial Accessibility of Selected Healthcare Services for the Ageing Population
Olha Kachalova, Katarína Demková, David Kirner, Jaroslav Vojšta	Accurate Tree and Shrub Mapping from 0.5 m RGB Aerial Orthophotos Using Deep Learning Semantic Segmentation
Martin Kebza	The development of socio-economic polarization in Banská Bystrica Region
Hilda Kramáreková, Alfred Krogmann, Jana Némethová, Magdaléna Nemčíková, Daša Oremusová, Lucia Petrikovičová, Peter Ivanič, Henrich Grežo	Spatial Dimensions of the Cyrillo-Methodian Heritage in Slovakia and Forms of Its Development
Lenka Krištofová, Michaela Štěbetáková	Barriers to Implementing Nature-based Solutions
Juliana Krokusová, Martin Kropuch	Water in the Mining Region – Determinants of Geotourism Development in the Central Spiš Region
Martin Kropuch, Juliana Krokusová, Vladimír Solár, Adam Kupec	Assessment of Rurality Based on Qualitative Characteristics
Adam Kupec, Štefan Koco	Machine Learning-Based Prediction of Land Cover Dynamics with a Focus on Agricultural Land: A Case Study of the Košice Basin
Max Martin, Nikola Svetozarov	Evaluation of 360° Photogrammetry for 3D Modelling of Inaccessible Geological Outcrops: A Case Study of the Ortáßska Ryha
Petr Meyer	Digital Twin as a Participatory Tool
Lukáš Michaleje, Hamid Afzali, Miloš Rusnák, Nikita Yakshin	Semiautomatic detection of channel and its basic hydraulic parameters
Jana Némethová, Hilda Kramáreková, Alfred Krogmann, Magdaléna Nemčíková, Daša Oremusová, Lucia Petrikovičová, Miroslava Trembošová, Katarína Vilinová, Filip Krajči	Specifics of Viticulture and Winemaking in the Nitra Region
Katarína Onačillová, Anton Uhrin	A spatiotemporal analysis of changes in land surface temperature and land cover in the Prešov city using downscaling and machine learning algorithms

Author(s)	Title
Dagmar Popjaková	Slovak industry in the context of economic trends and regulatory processes at the global, macro-regional, and national levels
Loránt Pregi	Revealing Fine-Scale Socio-Economic Spatial Patterns Using Local Spatial Autocorrelation: Evidence from Slovakia
Gabriela Repaská	From Data to Map: The Use of GIS in Interpreting Selected Geographical Methods in Demogeography
Dominik Rubáš, Anežka Nejedlová, Tomáš Matějček, Matyáš Fizek	Exploring Primary School Pupils' Sense of Place
Imrich Sládek, Alena Gessert, Jakub Mikloš	Soil carbonate content at the Háj research site (Háj Valley, Slovak Karst) determined using Janko's calcimeter
Jana Špulerová	Ecosystem services of biostrips in Trnava region
Jana Vaněčková	Scaling Climate Diplomacy: Brazil's Discursive Construction of Climate Leadership across the UN, BRICS, and MERCOSUL
Marcel Vasiľák, Roberta Prokešová, Ján Novotný	Multi-source, multi-resolution DEM analysis of catchment hypsometry and morphometric age estimates in the Malá Fatra Mountains: controls and limitations
Jana Vašková, Vladimír Čech	Hunting tourism in Slovakia as a significant form of tourism development
Matej Vojtek, Dávid Držík, Jozef Kapusta, Jana Vojteková	Prediction of Fluvial Flood Inundation Using Machine Learning Trained on Hydraulically Generated Data
Jana Vojteková, Matej Vojtek	GIS in the Education of University Teachers in Natural Sciences: Experiences from a Project