



FACULTY OF SCIENCE
Charles University

Department of Social Geography and Regional Development

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URBAN AND REGIONAL LABORATORY (URRlab)



RESEARCH AREA & EXCELLENCE

Urban studies, urban and settlement geography, regional development.

- Development of settlement system, urbanisation and suburbanisation
- Socio-spatial differentiation, micro-geography
- Unemployment, criminality, social deprivation
- Migration and spatial mobility
- Thematic cartography
- Housing and quality of life

Mission

To apply geographic knowledge to explore environment around us and improve quality of life.

KNOW-HOW & TECHNOLOGIES

Content of Research

Research of socio-spatial processes within the Prague metropolitan region and elsewhere in Czechia.

Main Capabilities

- Complex geographical thinking, ability to incorporate a range of various factors – social, economic, environmental and especially spatial.
- Work with software for map, graphic and statistic data handling.

EXPECTATIONS & OFFERS

Offers

We offer our expertise within a diverse range of broadly defined issues related to urban and regional development.

Urban and regional planning | Population projections | Territorial impact assessments | Policy scenarios | Monitoring of social risks | Situation analyses | Thematic cartography

Requirements

We are looking for cooperation with academic partners as well as public and private organizations in the fields of urban studies and regional development.

KEY RESEARCH EQUIPMENT

- GIS and other software for spatial data and analysis.
- Extensive collection of socio-spatial data.

PARTNERSHIPS & COLLABORATIONS

Academic partners: Cities After Transition (CAT) network | Czech Academy of Science | Masaryk University in Brno | Czech Technical University in Prague | Komenský University in Bratislava | Dartmouth College | Tartu University | University of Strathclyde

Public and Private sector: Prague 1 City Part government | the city of Opava | the city of Kladno | Ministry of Environment | Ministry of Regional Development | Ministry of Labour and Social Affairs | municipality of Dolní Břežany | CENIA | Regional Office of Central Bohemian Region | Regional Office of Karlovy Vary Region | Institute for Planning and Development in Prague | SPF group | U-24 | GAC | Pavel Hnilička Architects | Skanska | Energetické Třebíčsko | Envinet | CE-Traffic | Museum of Decorative Arts in Prague | DOX

Main Projects

- Dynamics of social environment and spatial mobility in metropolitan regions of the Czech Republic, 2014–2016. Czech Science Foundation.
- Scenarios of future development of Dukovany region: using an approach of Territorial Impact Assessment, 2013–2015. Technology Agency of the Czech Republic.
- Disclosure of historic spatial and statistical data in GIS environment, 2012–2015. Ministry of Culture of the Czech Republic.
- Delimitation of Prague Metropolitan Area: Strategy for Integrated Territorial Investment. 2014, Institute for Planning and Development, the Capital City of Prague.
- Analysis of socially excluded localities in the Czech Republic, 2014–2015. GAC and Ministry of Social Affairs of the Czech Republic.
- Prognosis of demographic development and its consequences for the quality of life in dynamically changing municipalities within hinterlands of the

Czech cities: application to regional development and administration, 2012–2013. Technology Agency of the Czech Republic.

- Social deprivation in urban environment: objective and subjective dimensions, 2010–2013. Czech Science Foundation.
- Suburban development, Suburbanisation and Urban Sprawl in the Czech Republic: Tackling the Negative Impacts on the Environment, 2007–2011. Ministry of Environment of the Czech Republic.
- Transformation of social and physical environment in the inner city of Prague after 1990, 2008–2010. Czech Science Foundation.
- Urbanization processes in Prague urban region, 2004–2006. Czech Science Foundation.
- Socio-Spatial Differentiation of Population and its Impact on Quality of Life in Cities and Communities in the Czech Republic, 2006–2011. Ministry of Education.

ACHIEVEMENTS

- Delimitation of Prague Metropolitan Area
- Preparation of historical administrative borders 1921–2011 in GIS
- Methodology of delimitation of suburban places within the Czech Republic
- Population prognosis of Prague Metropolitan Region
- Internet projects www.suburbanizace.cz and www.atlasobyvatelstva.cz
- Atlas of Socio-Spatial Differentiation of the Czech Republic

