



FACULTY OF SCIENCE
Charles University

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URBAN AND REGIONAL LABORATORY (URRLAB)

OFFER

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.

KNOW-HOW & TECHNOLOGIES

URBAN STUDIES, URBAN AND SETTLEMENT GEOGRAPHY, REGIONAL DEVELOPMENT

Our mission is to apply geographic knowledge to explore environment around us and improve quality of life.

- 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.

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

transfer@natur.cuni.cz

CONTENT OF RESEARCH

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.

KEY RESEARCH EQUIPMENT

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

PARTNERS AND COLLABORATIONS

ACADEMIC PARTNERS

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

PRIVATE AND PUBLIC SECTOR

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

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.atlasobyvatelstva.cz and www.suburbanizace.cz.
- Atlas of Socio-Spatial Differentiation of the Czech Republic.

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.

SEE OUR WEBPAGES

<http://urrlab.cz/en>

