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.

EXPECTATIONS & OFFERS

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

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 Of-
lice of Central Bohemian Region | Regional Office of
Karlové Vary Region | Institute for Planning and De-
velopment in Prague | SPF group | U-24 | GAC | Pavel
Hnilička Architects | Skanska | Energetické Třebíčsko
| Envinet | CE-Trafic | Museum of Decorative Arts in
Prague | DOX

Main Projects
• Dynamics of social environment and spatial mobility
• Scenarios of future development of Dukovany region:
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
Environment of the Czech Republic.
• Transformation of social and physical environment in
Science Foundation.
• Urbanization processes in Prague urban region,
• Socio-Spatial Differentiation of Population and its Im-
 pact on Quality of Life in Cities and Communities in the

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

Knowledge and Technology Transfer | Faculty of Science |
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natur.cuni.cz/eng/science-and-research/
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2/2