



About Department

The Department of Geoinformatics was founded in 2001. At this time guarantees **the bachelor study** programme Geoinformatics and Geography, the **master study** programme Geoinformatics and **PhD study** Geoinformatics - Cartography. It also offers doctoral studies Geoinformatics and Cartography in the English language (in full-time and combined form).

The Department deepens cooperation with other departments of the Faculty of Sciences at Palacký University in Olomouc – namely the Department of Geography, Geology, and Computer Science. Department members ensure a lecturing of geographical and thematic cartography, spatial modelling, remote sensing, statistics, GIS and many other geoinformatic disciplines.

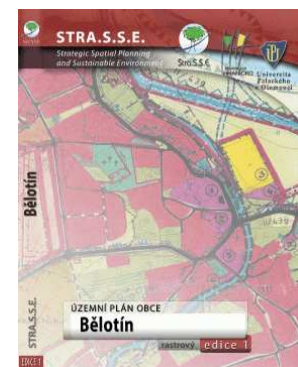
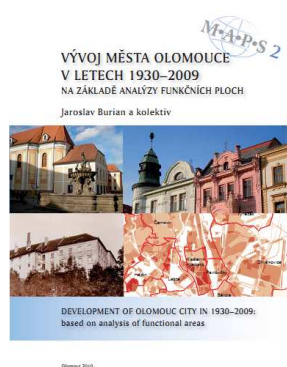
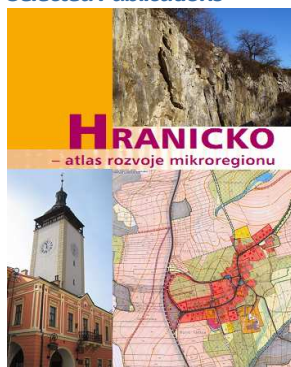
Research Topics & Project Experiences

Research is an important and indivisible part of department activities. Many of **expert studies** and grants were (are) solved here, many expertises were worked out and a dozen of consultations were required and responded. A set of **publications** points out the qualities of the Department. Since 2010 the new reviewed scientific magazine (**GeoComputation and GIScience**) is published there. The main research activities are **Digital Cartography**, **Spatial Modelling in GIS** and **Remote Monitoring of the Landscape**.

List of Selected Projects

- Research of citizen movement between urban and suburban space in Olomouc region
- Development of Olomouc city in 1930 – 2009 based on analysis of functional areas
- Important observation points in Olomouc city (The Municipality of Olomouc)
- Stra.S.S.E (Strategic Spatial Planning and Sustainability Environment) - INTERREG IIIC
 - Seamless municipality plan of Hranicko micro region
 - Conflict Analysis in urban planning
- Urban Planner
- Map symbology for urban analytical materials for urban plans
- E-learning courses for public administration education
- Collaborating in understanding of an uncertainty in natural phenomenons using GIS visualisations

Selected Publications



Contact information

prof. Vít Voženílek

+420 585 634 513

vit.vozenilek@upol.cz

www.geoinformatics.upol.cz

www.ggscience.upol.cz

Department of Geoinformatics Faculty of Science
Palacký University in Olomouc
tr. Svobody 26, 771 46, Olomouc, Czech Republic