

Research group:

Creation of Atlases and Visualisation of Geographic and demographic Data

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Main research directions:

- » Application of new techniques and tools in visualisation of geographic and demographic data
- » Development and optimisation of suitable thematic tools for cartographic visualisation
- » Analyses of spatial social and economic linkages by geoinformatic tools
- » Digitisation of historical statistical and mapping sources
- » Development of human geographic and demographic databases for atlases preparation and their elaboration in GIS environment (desktop mapping) and by means of graphic software (desktop publishing)
- » Visualisation of geographic databases on Internet

Selected publications:

- Majo, J., Kusendová, D. 2015. Náboženský atlas Slovenska. Bratislava: Dajama, 56 s.
- Benža, M., Majo, J., Kusendová, D., Tišliar, P. 2015. Národnostný atlas Slovenska. Bratislava: Dajama, 56 s.
- Bačík, V., Klobučník, M. 2015. Population distribution by selected road network elements - comparison of centroids, geocoded addresses, built-up areas and total areas on the example of Slovak communes. Bulletin of Geography. Socio-economic Series, No. 28, pp. 7–20.
- Bleha, B., Vaňo, B., Bačík, V. eds. 2014. Demografický atlas Slovenskej republiky. Bratislava: Geo-Grafika, 163 s.
- Majo, J. 2012. Historicko-demografický lexikón obcí Slovenska 1880-1910. Bratislava: Štatistický úrad.
- Kusendová D. a Benža M. eds. 2011. Historický atlas evanjelickej cirkvi a.v. na Slovensku. Liptovský Mikuláš: Tranoscius, 176 s.
- Slavík, V., Grác, R., Klobučník, M. 2011. Priestorová autokorelácia – metóda vymedzovania a klasifikácie regiónov v kontexte sociálno-ekonomickej regionalizácie Slovenskej republiky. Sociológia, 43, 2, s.183-204.
- Majo, J., Kusendová D. 2007. Etnické a náboženské pomery Slovenska v polovici 19.storočia podľa Geografického slovníka Uhorska od Eleka Fényesa z roku 1851. Historický časopis, 55, 4, s.739-748.
- Poláčík, Š., Judák, V., Korec, J. Ch., Ruttkay, A., Malý, V., Otrubová, E., Barát, J., Čahojová, J., Kusendová, D. 2005. Atlas Katolíckej cirkvi na Slovensku. 1. vyd. Bratislava: RKCMBF Univerzity Komenského. 272 s. + 111 máp.
- Mládek, J., Kusendová, D., Marenčáková J., Podolák, P., Vaňo, B. eds. 2006. Atlas obyvateľstva Slovenska. Bratislava: Univerzita Komenského.

Projects:

- » 2013-2016 APVV VV-0018-12 "Human geographical and demographical interactions, nodes and contradictions in time-space network"
- » 2012 - 2014 VEGA 1/0562/12 "New demographic analysis and forecasts of Slovak population and its regions using progressive geographical applications"
- » 2008-2009 International Visegrad Fund No. 20810129 "Evaluation of cartographic functionality in GIS software"
- » 2006-2010 VEGA 1/4551/07 "History of the Evangelical Church of the Augsburg Confession in Slovakia"
- » 2003-2006 State programme of research and development "Population Atlas of Slovakia"

Scientific activities at the department are organised according to research groups and research projects supported by grants. Research groups reflect the development of research priorities in human geography and demography, as well as external demand generated by public and private sectors. They reflect actual research activities of members of the department. Scientific and research works are based on their spontaneous interactions and joint effort resulting in particular research projects and scientific publications. Nevertheless, among individual research groups and their members exist intensive collaboration.