

Martin Dolejš, born 1986 in the Czech Republic

Affiliations:

(Since 2015) Department of Geography, Faculty of Science, Jan Evangelista Purkyně University in Ústí nad Labem, Czechia

Education:

(since 2014) present PhD; Faculty of Environmental Science, Department of Applied Geoinformatics and Spatial Planning, Czech University of Life Sciences Prague; thesis topic: Application of landscape metrics for evaluation of landscape structure development in border areas

(2008 - 2010) Master's degree: Geography, Department of Geography, Faculty of Science, Jan Evangelista Purkyně University in Ústí nad Labem; thesis topic: Recreational potential of suburban forests in the vicinity of Ústí nad Labem

(2009) Semestral Exchange: Landscape Architecture, Suleyman Demirel Universtitesi, Isparta, Turkey

(2008) Semestral Exchange: Baltic Studies, Tallinn University, Tallinn, Estonia

(2005 - 2008) Bachelor's degree: Geography, Department of Geography, Faculty of Science, Jan Evangelista Purkyně University in Ústí nad Labem; thesis topic: Development of Melnik city with a view to urbanistic design, capital build-up and dotation policy

Teaching experience:

(Since 2014) Lecturer of GIS, Geoinformatics, Landscape ecology

(Since 2014) Supervisor and reviewer of Bachelor and Master Thesis (Geography, GIS application)

Participation in research projects:

(2020 - 2023) Grant Agency of the Czech Republic ("GAČR"), Nature and dynamics of local land use conflicts in polyrational environment, land use modelling

(2018 - 2023) OP VVV, SMART CITY, urban vulnerability modelling

(2018 - 2021) COST, LAND4FLOOD: Natural Flood Retention on Private Land (CA16209), flood modelling

(2016 - 2017) Technology Agency of the Czech Republic ("TAČR"), Ecohydrological management of urban microstructures, remote sensing data processing

Other:

Member of Czech Geographic Society, member of academic senate

Impact publications (J_{imp}):

- Dolejš, M., Vojtěch Samek, Martin Veselý, Jitka Elznicová (2020) Detecting World War II bombing relics in markedly transformed landscapes (city of Most, Czechia). *Appl. Geogr.* 119, 102225. <https://doi.org/10.1016/j.apgeog.2020.102225>
- Forejt, M., Dolejš, M., Zacharová, J., Raška, P. (2020) Quantifying inconsistencies in old cadastral maps and their impact on land-use reconstructions. *J. Land Use Sci.* 0, 1–15. <https://doi.org/10.1080/1747423X.2020.1765427>
- Pacina, J., Lend'áková, Z., Štojdl, J., Matys Grygar, T., Dolejš, M. (2020). Dynamics of Sediments in Reservoir Inflows: A Case Study of the Skalka and Nechranice Reservoirs, Czech Republic. *ISPRS Int. J. Geo-Information*, 9 (258).
- Dolejš, M., Nádvorník, J., Raška, P., & Riezner, J. (2019). Frozen Histories or Narratives of Change? Contextualizing Land-Use Dynamics for Conservation of Historical Rural Landscapes. *Environmental Management*, 63(3), 352–365.
- Forejt, M., Dolejš, M., & Raška, P. (2018). How reliable is my historical land-use reconstruction? Assessing uncertainties in old cadastral maps. *Ecological Indicators*, 94, 237–245.
- Raška, P., Dolejš, M., & Hofmanová, M. (2017). Effects of Damming on Long-Term Development of Fluvial Islands, Elbe River. *River Research and Applications*, 33(4), 471–482.

Scopus publications (J_{sc}):

- Dolejš, M., & Forejt, M. (2019). Franziscan cadastre in landscape structure research: a systematic review. *Quaest. Geographicae*, 38(1), 131–144.
- Slavík, J., Rybová, K., & Dolejš, M. (2018). Biowaste separation at source and its limitations based on spatial conditions. *Detritus*, 5(1).
- Dolejš, M., Glorius, B., & Hruška, V. (2016). Motives and barriers of migration to Saxony: the case of migrating health professionals from Czechia. *GeoScape*, 10(2), 62–77.
- Prekop, M., & Dolejš, M. (2016). Do bypass routes reduce noise disturbances in cities? Case study of Cheb (Western Bohemia, Czech Republic). *Geographia Technica*, 11(2), 78–86.