

Thesis topics for master's degree students in Geoinformation and Spatial Management in the academic year 2023-24

No.	Thesis topic	Supervisor	Supervisor e-mail	Department
1	Use of hyperspectral and fluorescence signals for the estimation of ecosystem productivity under stress conditions	Anshu Rastogi	anshu.rastogi@up.poznan.pl	Ecology & Environmental Protection
2	Analysis of changes in lake ice cover in north-eastern Poland based on Landsat and Sentinel-2 satellite imagery	Mariusz Sojka	mariusz.sojka@up.poznan.pl	Land Improvement, Environmental Development & Spatial management
3	Changes of land use in the surrounding of lakes during last decades. Prof. Agnieszka Ławniczak-Malińska	Agnieszka Ławniczak-Malińska	agnieszka.lawniczak@up.poznan.pl	Ecology & Environmental Protection
4	Control of the weirs in the Noteć River for safety of inland navigation	Tomasz Dysarz	tomasz.dysarz@up.poznan.pl	Hydraulic & Sanitary Engineering
5	Analysis of temporal changes in lake ice cover in north-western Poland based on Landsat satellite imagery	Mariusz Sojka	mariusz.sojka@up.poznan.pl	Land Improvement, Environmental Development & Spatial management
6	Analysis of urban development in on the basis of GIS and remote sensing data	Joanna Jaskuła	joanna.jaskula@up.poznan.pl	Land Improvement, Environmental Development & Spatial management
7	Assessment of long term relationship between terrestrial and satellite drought indicators for Scots Pine stands in Poland	Marek Urbaniak	marek.urbaniak@up.poznan.pl	Department of Construction & Geoengineering
8	Changes of hydrographic network in Tuchola Landscape Park	Jan Barabach	jan.barabach@up.poznan.pl	Land Improvement, Environmental Development & Spatial Management
9	Forest cover changes in the Noteć Forest over the last 150 years	Jan Barabach	jan.barabach@up.poznan.pl	Land Improvement, Environmental Development & Spatial Management