

Earth Sciences Doctoral School, University of Szeged – scientific educational/research sub-programs and heads

#	Spatial Data Science (Dr. László Mucsi, PhD)	Geology (Dr. Andrea Dr. Raucsikné Varga, DSc)	Human Geography (Prof. Dr. Zoltán Kovács, DSc)	Physical Geography (Dr. György Sipos, PhD)	Meteorology (Dr. Tamás Gál, DSc)
1	Remote sensing and Earth Observation	Environmental geochemistry	Economic geography	Geomorphology	General meteorology
2	Geospatial data collection methods and technologies	Petrology	Political geography	Hydrogeography	Micrometeorology
3	Machine learning and AI in spatial data analysis	Geology of Hungary	Urban geography	Environmental monitoring and modeling	General climatology
4	Digital image processing in spatial data analysis	Analytical methods in geology	Rural geography	Environmental geography	Environmental climatology
5	Modelling and simulation in spatial data analysis	Quaternary palaeoecology	Population geography	Pedology	Bioclimatology
6	Cloud computing and programing in spatial data analysis	Environmental geology	Social geography	Landscape Ecology and Planning	Climate classification and zonality
7	Geostatistics	Structural geology	Cultural geography	Urban ecology	Climate change
8	Photogrammetry and aerial remote sensing	Geothermics	Regional policy	Natural Hazards	Urban climatology
9	Digital elevation modelling and 3D analysis	Geochemistry	Sustainable development	Research Methods in Physical Geography	
10	Applied Spatial Data Science	Hydrogeology	Man and Space in the Classroom: Methodological Perspectives in Public Education	Water and soil conservation	
11		Geomathematics		The teaching of natural geography	
12		Sedimentology			
13		Palaeontology			
14		Mineralogy			
15		Geoarcheology			
16		Archaeobotany			
17		Archaeozoology			
18		Geophysics			
19		Archaeometry			