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URBAN SOCIOLOGY AND DEMOGRAPHY:

curricula, capacity, ICT and stakeholder collaboration to support green & blue infrastructure and nature-based solutions

New developed course:

- Number of credits: 3 ECTS/6 MCTS
- Period: Fall/Spring semester
- Level: Master level
- Course type: Major course
- Course duration: 16 weeks



The authentic tasks:

This subject is divided into two sections, urban sociology and demography. The following contents are included:

1. Introduction to GIS, the real world and representations of it, geographic information and spatial data types, organizing one's spatial data, the temporal dimension, data processing systems, stages of spatial data handling, database management systems, metadata, determining and mapping position, data quality, spatial referencing, measures of location error on maps, satellite-based positioning.
2. GIS application, topo map, spatial visualization, spatial data characteristics, metadata, and map development are included.

Aims and objectives:

The main course objective is to provide knowledge about the basic concepts of urban sociology and demography through lectures, to learn how to use the relevant information to study the basic problems of urban sociology and demography, and to acquire the ability and practice of processing, mapping, and comparing statistical data.

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