Level: bachelor

Course title: Geomorphological and Pedological georisks

Status: obligatory

ECTS: 8

Requirements: none

Learning objectives

Introduce students to the basic forms and methods of identifying georisk. Introduction to techniques in georisks mapping.

Learning outcomes

After completing the course, the student is expected to assess and identify problems related to the emergence of georisks, their consequences and spatial coverage.

Syllabus

Theoretical instruction

Defining georisks, division of georisks, earthquakes, volcanoes, soil erosion, landslides, groundwater flooding. Methods of identifying and mapping areas affected by georisks.

Practical instruction

Case studies of major disasters and identifying consequences. Application of mathematical and statistical resources in the study and definition of georisks.

Weekly teaching load				Other:
Lectures: 3	Exercises: 2	Other forms of teaching:	Student research:	