



FACULTY: ENVIRONMENTAL ENGINEERING

COURSE TITLE: Soil-structure interactions

Number of contact hours: 45

Duration: 1 semester (spring)

ECTS credits: 5

Programme description: This course comprises lectures, and computer laboratory.

It is focused on following topics:

- basics about soil-structure interactions
- destructive processes in earth structures and/or in foundations
- monitoring methods of foundations, earth structures and soil-structure interactions

Course type: lectures (20), computer laboratory (25)

Literature:

1. Richard Basset - A guide to Field Instrumentation in Geotechnics, 2012
2. Das, Braja M - Geotechnical engineering handbook, 2011
3. Adeyeri, Joseph B - Technology and practice in geotechnical engineering, 2015

Assessment method: test and practical computer calculations

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