

Professor Name

Shinya Inazumi (Mr.)

Laboratory name

Geotechnical Engineering Laboratory

Laboratory Website

<https://www.shibaura-it.ac.jp/en/research/laboratory/00290.html>

Keyword

Soil Mechanics; Rock Mechanics; Foundation Engineering; Slope Stability; Liquefaction Analysis; Soil-Structure Interaction; Ground Improvement Techniques; Geosynthetics; Environmental Geotechnics; Geotechnical Earthquake Engineering; Pavement Engineering; In-situ Testing; Laboratory Testing of Soils; Numerical Modelling; Risk Assessment in Geotechnics; Tunnelling and Underground Spaces; Geotechnical Instrumentation

Tasks in the laboratory

Detailed soil mechanical properties analysis;  
Soil liquefaction risk assessment during earthquakes;  
Landslide risk assessment for earthquakes and heavy rainfall;  
Environmental geotechnical research;  
Development and evaluation of soil improvement techniques;  
Underground space utilization research

Program period

At least 1 month

Required skills

None in particular

Desired skills (Preferred skills)

None in particular

Eligibility-school year

- ☒ Bachelor 3rd
- ☒ Bachelor 4th or higher
- ☒ Master 1st
- ☒ Master 2nd
- ☒ PhD 1st
- ☒ PhD 2nd
- ☒ PhD 3rd

Eligibility-student's major/fields

- ☐ Mechanical
- ☐ Chemistry
- ☐ Material
- ☐ Electrical
- ☐ Electronic
- ☐ Computer Science
- ☐ Life Science
- ☐ Mathematical
- ☒ Civil Engineering
- ☒ Architecture
- ☐ Engineering and design
- ☐ Other