

Prof. Shinya Inazumi

Laboratory name

Geotechnical Engineering Laboratory

Keyword

Geo-Disaster (Landslide Disaster etc), Geo-Disaster Prevention,  
Geo-Environment Protection, Geo-Management, Geo-Risk, Ground Improvement

Tasks in the laboratory

After literature reviewing the current situation in each country including your home country and Japan regarding geo-disasters (geo-issues) such as a slope failure and a liquefaction caused by earthquakes and heavy rains, you will take specific geo-disasters (geo-issues). You will carry out field surveys, laboratory experiments and numerical analysis for specific geo-disasters (geo-issues), and you will clear the generating mechanism and discuss the preventing countermeasures.

Program period

More than 3 months

Eligibility-school year

- Third year undergraduate
- Fourth year or higher undergraduate
- First year master degree
- Second year or higher master degree
- First year doctoral degree
- Second year doctoral degree
- Third year or higher doctoral degree

Eligibility-student's major/fields

- Mechanical
- Chemistry
- Material
- Electrical
- Electronic
- Computer Science
- Lifescience
- Mathematical
- Civil Engineering
- Architecture
- Engineering and design

Required skills

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Desired skills (Preferred skills)

Basic knowledge for civil engineering including geotechnical engineering

URL: [https://www.shibaura-it.ac.jp/en/research/lab/engineering/civil/shinya\\_inazumi.html](https://www.shibaura-it.ac.jp/en/research/lab/engineering/civil/shinya_inazumi.html)

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