



DECIVIL

DEPARTAMENTO DE ENGENHARIA
CIVIL, ARQUITETURA E GEORRECURSOS
TÉCNICO LISBOA



DECivil

Department of Civil Engineering, Architecture and Georesources

Instituto Superior Técnico | Universidade de Lisboa



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Técnico | Facts and Figures

Organization

10 Departments

3 Platforms (Energy, Environment, Nano Tech.)

Certified Programmes

1st cycle: 19

MSc: 29

PhD: 32

Research

23 R&D units

Over 1300 PhD researchers

Students ~ 12 000

1st cycle 53%

Masters and PhD 47%

Foreign MSc students 3%

Foreign PhD students 25%



Staff ~ 1200

Faculty | teaching 650

Administrative and technicians 525

Teaching Language (MSc, PhD): **ENGLISH**



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Técnico | Campuses



ALAMEDA, LISBON



TAGUS PARK, OEIRAS



CTN, LOURES

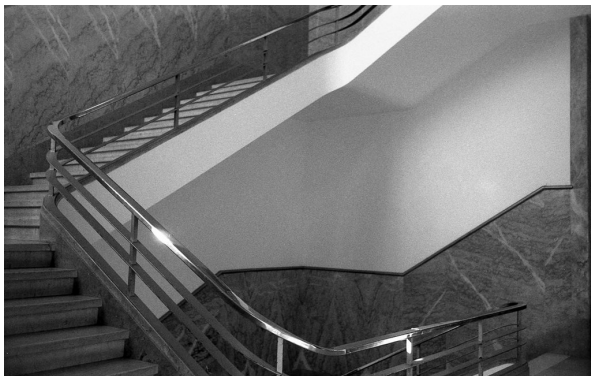


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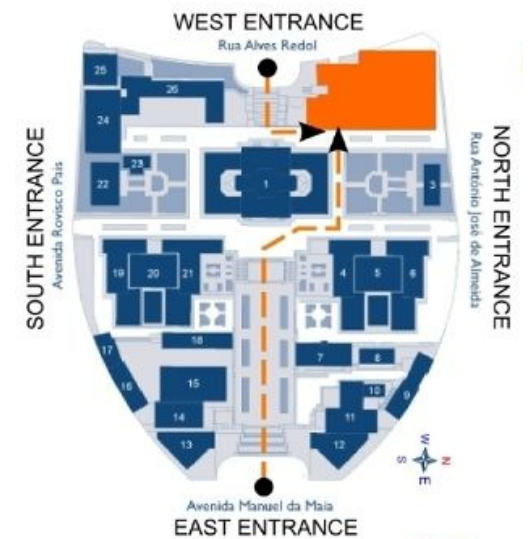
DECivil | Location



ALAMEDA, LISBON



HEADQUARTERS SINCE 1937





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| facts and figures

Staff | ≈ 150

Faculty teaching	130
Administrative and technicians	22

BSc and MSc Students | 1600

Civil Engineering:	≈ 1100
Architecture:	≈ 300
Others:	≈ 200

PhD students:	≈ 250
Post-Doc researchers:	15
Other researchers:	50



DECivil | BSc and MSc degrees

Integrated Master Degrees

Architecture

Civil Engineering

Environmental Engineering (in cooperation)

BSc Degree (1st cycle)

Geological and Mining Engineering

Master Degrees (2nd cycle)

Mining and Geological Engineering

Petroleum Engineering

Engineering and System Transportation

Transport Planning and Operation

Urbanism and Spatial Planning





DECivil | 8 PhD programmes

- Architecture
- **Civil Engineering**
- Climate Change and Sustainable Development Policies (Consortium 2 universities with 7 schools)
- **Environmental Engineering** (involves 4 IST departments)
- Earth-Resources
- **Petroleum Engineering**
- River Restoration and Management (involves 4 UL schools)
- **Territorial Engineering**
- Transportation Systems (Portugal MIT initiative)
- **Three FCT funded PhD programmes in civil engineering:**
 - Analysis and Mitigation of Risks in Infrastructures (Consortium of 4 universities + LNEC)
 - Environmental Hydraulics and Hydrology (IST-EPFL-LNEC initiative)
 - Eco-Construction and Rehabilitation (consortium of 5 universities and LNEC)

Architecture

Construction

Geotechnics

Hydraulics, environ. and water Resources

Structures and strength of materials

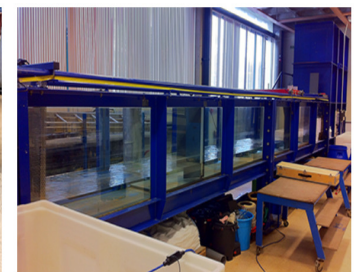
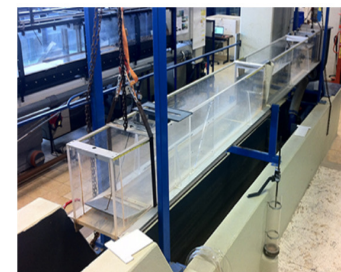
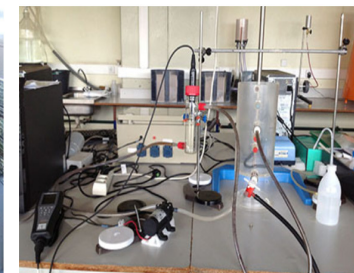
Mining and georesources

Urban and regional systems





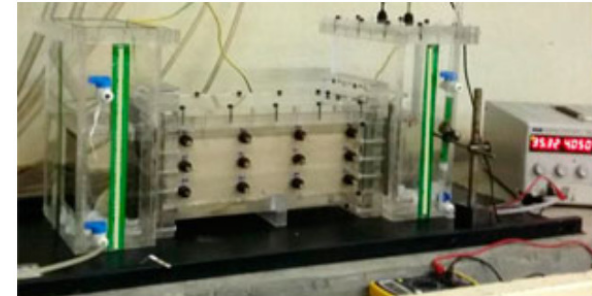
- ISTAR | LABORATORY OF **ARCHITECTURE**
- LERM | LABORATORY OF **STRUCTURES AND STRENGTH OF MATERIALS**
- LA | LABORATORY OF **ENVIRONMENT**
- LH | LABORATORY OF **HYDRAULICS**





DECivil | 8 laboratories

- LG |
- LABORATORY OF **GEOTECHNICS**
- LC | LABORATORY OF **CONSTRUCTION**
- LVCT | LABORATORY OF **TRANSPORT** INFRASTRUCTURES
- LMC | **COMPUTATIONAL** MECHANICS LABORATORY



CIVIL ENGINEERING (IST/U Lisboa)

Portugal



Europe



World



Shanghai ARWU 2019 / Taiwan NTU 2019
Subject: Civil Engineering

CERIS : Civil Engineering Research
and Innovation for
Sustainability

(www.ceris.pt)

 **CiTUA**
CENTRE for INNOVATION in
TERRITORY, URBANISM
AND ARCHITECTURE

(citua.tecnico.ulisboa.pt/)



Centro de Recursos Naturais e Ambiente

(www.cerena.ist.utl.pt)

CERIS

Civil Engineering Research
and Innovation for
Sustainability

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- **CEHIDRO** – Hydraulic systems
 - Environment, Water Resources and Water Services;
 - Hydrogeology and Geo-systems;
 - Pressurized, Fluvial and Maritime Hydraulic Systems
- **CESUR** – Urban and regional systems
 - Urban Planning and Environment;
 - Systems and Management;
 - Transportation Infrastructure, Systems and Policy.
- **ICIST** – Structural Engineering, Territory and Construction
 - Earthquake Engineering and Seismology;
 - Mechanics, Modelling and Analysis of Structures;
 - Studies in Construction;
 - Structural Design and Geotechnics;
 - Information and Design Support Systems;
 - Concrete Structures;
 - Architecture.



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