



Faculty of Civil Engineering and Transportation
University of Isfahan

Introduction to Department of Civil Engineering

Established in 2006, the Department of Civil Engineering includes:

2 Full Professors

10 Associate Professors

6 Assistant Professors

4 Department Deputies (Education, Research, Culture, and International Affairs)

4 Laboratories

1 Major in the BSc Programme

6 Majors in the MSc Programme

2 Majors in the PhD Programme

1100 Students and Graduates



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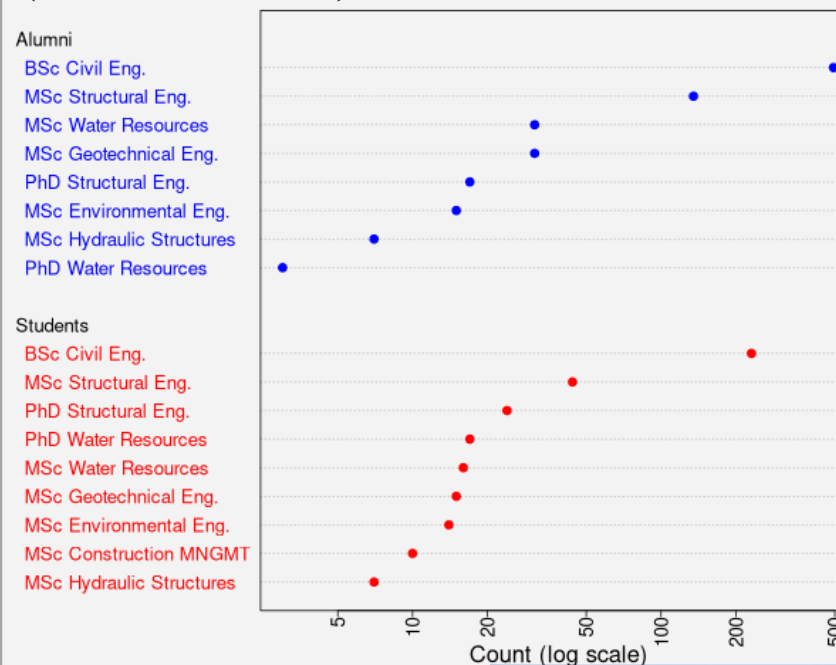


Faculty of Civil Engineering and Transportation,
University of Isfahan, Hezar-Jerib St., Isfahan, Iran.
Postal Code 8174673441



Summary of Student Statistics

The numbers of current and graduated students, broken down by academic level and major, are shown in the following chart (as of March 2025).



Research Areas

The research areas of the faculty members include:

- Geotechnology and material behaviour
- Application of innovative methods for geotechnical materials and structural evaluation
- Innovative and traditional materials and structures
- Restoration and disaster risk management of cultural heritage
- Numerical studies in structural engineering
- Assessment and mitigation of ground-induced vibrations
- Advanced seismic assessment methods and their implementation
- Ocean hydraulics and sediment and erosion engineering
- Development of innovative and metaheuristic methods for solving water engineering problems
- Economic, social, institutional, and environmental studies in water and wastewater management
- Integrated waste management
- Environmental monitoring, management, and engineering
- Analysis and assessment of extreme hydrological events and associated risk

Project title	Funder/Client
Investigation of the load-bearing capacity of abutments and piers of the existing railway bridge from Isfahan to Sistan	Navrood Co.
Modern and optimized methods for the repair and maintenance of bridges in the city of Isfahan and the proposal for a smart real-time monitoring network for the city’s bridge	Municipality of Isfahan
Comprehensive seismic microzonation plan and seismic risk management for the city of Isfahan	Municipality of Isfahan
Feasibility study of using high-diameter and high-strength rebars in the design of concrete buildings	Kavir Steel Complex
Development of new yielding and viscoplastic dampers for structural control against earthquakes and wind	Iran National Science Foundation (INSF)
Review and provide solutions to enhance national educational campaigns in the water and wastewater industry of the country	National Water and Wastewater Engineering Company
Quality monitoring of water before entering the water treatment plant to the last point of consumption	Isfahan Province Water and Wastewater Company
Modeling and environmental assessment of development projects in the Zab basin and other related basins	Iran Water and Power Resources Development Company
Environmental impact assessment studies of various projects, including green space water supply and sewage collection networks	Hydro Pars Co.
Comprehensive waste management plan for urban and rural areas of Isfahan province	Department of Environment, Isfahan Province
Rehabilitation and strengthening of Shahid Beheshti metro station in Isfahan	Isfahan Urban and Suburban Railway Organization
Project for strengthening the crane structure of the continuous casting unit at Mobarakeh Steel Complex	Esfahan Steel Company (ESCO)
Design of a pharmaceutical production building (twenty thousand square meters)	Raha Pharmaceutical Company
Application of remote sensing data in refining the parameters of the water resources balance (Semirom basin)	Isfahan Regional Water Company
Spatial-temporal drought propagation analysis using complex network theory in Iran	Iran Water Resources Management Company
Application of water, energy, and environmental nexus concepts in the economic evaluation of various water transfer methods	Iran Water Resources Management Company
Development of methodology and evaluation of the interaction between surface and groundwater resources in the country	Isfahan Regional Water & Tarbiat Modares University
Use of satellite-based data to determine the actual inflow to the reservoir (case study: Zayandeh-Rud Dam)	Iran National Science Foundation
Restoration and reconstruction of an adobe chamber in the bazaar of the Bam citadel	Ministry of Cultural Heritage, Tourism and Handicrafts
Disaster risk management plan of the World Heritage Site of the Naqsh-i-Jahan square complex in Isfahan	Ministry of Cultural Heritage, Tourism and Handicrafts, Isfahan Province
Structural restoration plan for the historical mausoleum of Ala-o-Doleh in Semnan	Ministry of Cultural Heritage, Tourism and Handicrafts, Semnan Province
Head of the geotechnical and instrumentation section of the Gotvand Dam	Iran Water and Power Resources Development Company
Rehabilitation design of the reinforced soil structure of the Ghadir Freeway	Ministry of Roads and Urban Development