

Department of Civil and Environmental Engineering

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1. Introduction

Civil and environmental engineering is an indispensable field of engineering for human life and industrial activities. It provides society with infrastructure in relation to housing, industry, transportation, etc. Its research subjects are to enhance human well-being and to protect, improve and effectively develop natural resources and environments. Accordingly, civil and environmental engineers are involved in planning, designing, constructing, managing and maintaining infrastructure systems such as highways, railroads, airports, tunnels, bridges, harbors, dams, offshore structures, manufacturing plants, and underground facilities, as well as environmental management systems, water and wastewater treatment systems, and solid waste management systems.

2. Introduction to the Department of Civil and Environmental Engineering

The Department of Civil and Environmental Engineering at KAIST was established in August 1982. Currently the department offers undergraduate and graduate programs. The mission of Department of Civil and Environmental Engineering is to maintain a quality goal-oriented program that emphasizes education, research and service, and to enable a new generation of civil and environmental engineers to meet the challenges of the future. Our vision is to promote a sense of scholarship, leadership, and service among our graduates; to create, develop and disseminate new knowledge; to foster interdisciplinary educational and research programs fundamental to solving the problems inherent in today's complex society; and to provide national leadership in a civil and environmental profession that is increasingly being driven by advances in technology.