

## **Open Faculty Positions** **(Civil and Environmental Engineering at KAIST)**

The Department of Civil and Environmental Engineering at KAIST is leading education and research innovations in four major areas: (1) Sustainable Environment, (2) Smart Urban Systems, (3) Resilient Infrastructure, and (4) Energy Infra Systems. To further enhance our capabilities in these fields, we invite applications for faculty positions from outstanding candidates eager to join our dynamic and forward-thinking team. We welcome applicants who can contribute to cutting-edge research and education in the following areas (but are not limited to)

### **AREAS OF OPENINGS**

#### **(1) Sustainable Environment Track**

##### **Hydro-informatics and Disaster Adaptation**

- Innovative solutions for hydro-disaster prediction, optimization, and adaptation, with an emphasis on hydro-informatics.

#### **(2) Smart Urban System Track**

##### **Integrated/Shared Autonomous Mobility Operation with C-ITS**

- Autonomous mobility operation with C-ITS infra-based guidance
- Integrated mobility and demand forecasting
- Mobility-on-demand system operation
- Mobility digital twin

#### **(3) Resilient Infrastructure Track**

##### **BIM-based Structural Analysis/Infrastructure Digital Twin**

- Expertise in Building Information Modeling (BIM) applications for structural engineering, including design, simulation, and analysis.
- Development of digital twin technologies for deterioration monitoring, prediction, simulation, and maintenance optimization for infrastructure systems.

#### **(4) Energy Infra Systems Track**

##### **Energy Resource and Energy Infra Systems Engineering**

- Development, optimization, and management of energy resources and infrastructure systems to ensure sustainable, efficient, and resilient energy supply chains.
- Development and application of AI and machine learning approaches for large-scale mapping and monitoring of energy infrastructure systems.
- Geo-thermal energy development/Next-Generation Geothermal Power

### **THE NUMBER OF OPENINGS**

- To be Determined

## **EXPECTED STARTING DATE**

- Aug 2025 (negotiable)

## **QUALIFICATION**

- Applicants are expected to demonstrate excellent potential for both conducting research and teaching students at KAIST.
- Applicants are expected to demonstrate attributes in collaborative academic research with pioneering initiatives and contribute to industrial research.
- Applicants should have earned a Ph.D. level degree.
- Applicants are expected to teach all the courses in English.

\* KAIST highly encourages applications from women, minorities, and non-Koreans

## **GROUND FOR DISQUALIFICATION**

- A person falling under any subparagraph of Article 33 of the State Public Officials Act
- A person whose civil rights have been suspended or removed under relevant laws
- Persons who do not fulfill their military service obligations under Article 76 of the Military Service Act
- Persons who have been ordered to restrict employment in accordance with Article 56 of the Sexual Protection of Children and Juveniles Act
- A person who has been revoked or dismissed from employment because he or she has been found to have been hired by another public institution in an unlawful way, and for which 5 years have not elapsed since the date of disposition
- Persons subject to employment restrictions as those who have been disqualified under Article 82 of the Act on the Establishment and Operation of Anti-Corruption and Anti-Corruption and Civil Rights Commission

## **EVALUATION PROCEDURE**

- 1st : Document review
- 2nd : Department in-depth examination
- 3rd : Department seminar and comprehensive review of department faculty personnel committee
- 4th : Final appointment decision made after review of the college faculty personnel committee or headquarter faculty personnel committee (Appointment of tenured professor and/or professor subject to deliberations by headquarter faculty personnel committee)

※ Evaluation will be conducted only to who are successful at each stage. And only successful candidates will be contacted separately.

## **APPLICATION PERIOD**

- May 1, 2025 ~ May 30 2025

## **DOCUMENTS TO SUBMIT**

1. Application Forms (Please use the attached form)
  - The “Application for a Full-Time Faculty Position” form
  - Consent to Collection-Use of Personal Information (Please use the prescribed form)
2. Academic/research achievements, including a publication list, research, accomplishments, educational experience, awards, etc.
3. Curriculum Vitae (CV)
4. Five representative publications
5. Letters of Recommendation (Only those who pass the first document screening will be notified individually, and the recommendation letters must be sent directly to [ceerecruit@kaist.ac.kr](mailto:ceerecruit@kaist.ac.kr))
  - Three (3) letters are required if the candidate applies as a tenure-track Assistant/Associate Professor.
  - Six (6) letters if the candidate applies as a tenured Professor.

※ Please note that we will request recommendation letters separately to only those candidates who are successful in the application review process.

## **HOW TO APPLY**

- Please submit the application package to [ceerecruit@kaist.ac.kr](mailto:ceerecruit@kaist.ac.kr) (in order of the listed documents as a PDF file)

## **REMARKS**

- The documents should not include information that could potentially introduce bias into the assessment such as the region of origin, family relationships, appearance and marital status.
- The submitted documents will not be returned.
- Applicants are responsible for the contents of the documents, and appointment offers may be rescinded if inappropriateness or falsehoods are discovered later.

## **INQUIRY**

- Please send inquiries to email [ceerecruit@kaist.ac.kr](mailto:ceerecruit@kaist.ac.kr)