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

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The Department of Civil and Environmental Engineering at the Korea Advanced Institute of Science and Technology (KAIST) invites applications for tenure-track faculty positions in all ranks.

### **AREAS OF OPENINGS**

#### **1. Sustainable Environment**

- Climate and earth system science
- Air quality engineering
- Water resources/hydrology/hydrogeology
- Fate and treatment of emerging contaminants (e.g. PFAS)
- Sustainability science and engineering
- Sustainable geotechnical and geoenvironmental engineering

#### **2. Smart Urban Systems**

- Construction AI & robotics
- Cyber-physical infrastructure systems
- Urban informatics, Remote Sensing and Geomatics Engineering
- Future city and mobility, Transportation Planning and Operation, UAM

#### **3. Resilient Infrastructure**

- Resilience of infrastructure systems under extreme hazards
- AI and data science for civil infrastructure engineering
- Disaster mitigation and management
- System safety
- Geotechnical earthquake engineering for resilient infrastructure systems
- Next-generation geotechnics

#### **4. Energy Infra-systems**

##### **A. Energy-plus buildings and related fields**

- System modeling, design and planning
- Energy management
- Building performance
- Green and sustainable energy

##### **B. Energy systems**

- Energy system analysis
- Environmental impacts
- Energy transition pathway
- Energy supply and demand modeling

##### **C. Energy geotechnics**

- Geo-solutions for energy production and storage
- Subsurface technologies for energy transition

## **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

## **EXPECTED STARTING DATE**

- July 2024 (negotiable)

## **APPLICATION PERIOD**

- February 1, 2024(Thu.) ~ February 29, 2024(Thu.)

## **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)

## **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)

## **Grounds 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