

Korea Advanced Institute of Science and Technology (KAIST)
Faculty Recruitment Announcement
College of Engineering and the Graduate School of Green Growth & Sustainability

The College of Engineering at KAIST, in collaboration with the Graduate School of Green Growth and Sustainability, is excited to announce the opening of three tenure-track faculty positions. Successful candidates will be affiliated with the College of Engineering and work for the Graduate School of Green Growth and Sustainability. We invite exceptional scholars dedicated to significantly contributing to climate change solutions and promoting green growth through high-quality education and research. Ideal candidates will bring innovative approaches that span interdisciplinary technology development and policy analysis.

We offer three (3) tenure-track faculty positions, encompassing a diverse range of expertise, including but not limited to:

- 1. Integrated Assessment Modeling focusing on Energy and Climate Technology and Policy**
- 2. Techno-economic Analysis of Green and Circular Processes, Products, and Services**
- 3. Climate Business Intelligence and Energy AI**

Qualifications:

- **Education:** Possession of a Ph.D. in a relevant field. Suitable disciplines include but are not limited to Engineering Systems Analysis, Environmental Sciences, Energy and Climate Systems Analysis, Engineering Economics and Finance, ESG and Sustainable Investing, Artificial Intelligence (AI), and related areas.
- **Research Excellence:** A proven track record of exceptional research, evidenced by a robust publication history.
- **Commitment to Sustainability:** A scholarly dedication to addressing climate change and advancing green growth. Candidates should be able to integrate research with teaching, with a focus on technology and policy analysis in these fields.
- **Interdisciplinary Research Skills:** The proficiency in undertaking interdisciplinary research, especially in the following areas:
 - Analysis of the social, economic, and environmental aspects of climate change, encompassing the assessment of climate mitigation and adaptation policies.
 - Guidance in technology planning, investment strategies, risk management, compliance, and data-driven decision-making for technological systems or policies to achieve carbon neutrality.
- **Teaching Excellence:** A proven track record or significant potential for high-quality teaching at the graduate level (MS and Ph.D. students). Teaching subjects may include climate technological systems, energy and climate policy, sustainable finance, the circular economy, and carbon accounting. An in-depth understanding of the policy implications in these fields is highly valued.

Responsibilities:

- **Educate and Mentor:** Provide instruction and mentorship to graduate students, integrating climate science and technology with policy and finance in both coursework and research
- **Collaborative Engagement:** Work in collaboration with fellow faculty members on interdisciplinary projects to provide carbon neutrality solutions, focusing on policy analysis and its practical implementation.

- **School Development:** Play an active role in expanding and advancing the Graduate School of Green Growth and Sustainability. This includes contributing to curriculum development that covers climate technology systems and policy perspectives.
- **Community and Professional Involvement:** Participate in community and professional activities related to global green growth and carbon neutrality, enhancing the school's outreach and impact in these critical areas.

Expected Starting Date:

- August 2024 (negotiable)

Application Packages:

- **Application Form:** Complete the KAIST official form detailing major research accomplishments and teaching and research plans.
- **Personal Information Agreement:** Fill out the KAIST official form consenting to collecting and using your personal information.
- **Cover Letter:** Submit a cover letter in PDF format, including your publication list, research, accomplishments, educational experience, awards, etc.
- **Curriculum Vitae:** Provide your CV in PDF format, including a list of three references.
- **Sample publications:** Attach PDFs of selected publications.
- **Letters of Recommendation:** Only those who pass the first document screening will be notified individually, and the letters must be sent directly to yeonsun@kaist.ac.kr. Three letters are required if the candidate applies as a tenure-track assistant/associate professor and six letters are required if she/he applies as a tenured professor.

Additional Information:

- **Location and Facilities:** These positions are located at KAIST's state-of-the-art Daejeon campus, offering access to cutting-edge research facilities and a vibrant academic atmosphere.
- **Diversity and Inclusion:** We are committed to creating a diverse and inclusive environment. We welcome applications from candidates from all backgrounds, nationalities, and research disciplines.

Remarks:

- Please ensure that the submitted documents do not contain information that could introduce bias into the evaluation process, such as regional origin, family relationships, physical appearance, or marital status.
- Submitted documents will not be returned.
- Applicants are accountable for the accuracy of the information in their documents. Appointment offers are subject to revocation if any inaccuracies or falsehoods are discovered later.

Interested scholars are encouraged to contact the search committee chair, Prof. Jiyong Eom, at eomjiyong@kaist.ac.kr for further details. The deadline for application submission is **March 10, 2024**. To apply, please submit your application materials to our administrator, Yeonsun Park, at yeonsun@kaist.ac.kr.