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

**1. Applicant Information**

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| **Name** |  |

**2. Areas of Openings (Please indicate the application field)**

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| **Support Areas** | **Detailed field** |
| ▢ Sustainable Environment | **Hydro-informatics and Disaster Adaptation**- Innovative solutions for hydro-disaster prediction, optimization, and adaptation, with an emphasis on hydro-informatics |
| ▢ Smart Urban Systems | **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 |
| ▢ Resilient Infrastructure | **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. |
| ▢ Energy Infra-systems | **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  |

 Application for Full-Time Faculty Position

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| Department applied to  |  |

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| **1** |  | **Personal Information** |  |
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| --- | --- | --- | --- | --- |
| Name | (Korean) |  | (English) |  |
| Nationality |  |
| Current Employer(Department) |  | Position |  |
| Contact Information | Address |  |
| PhoneNumber | (Office) | Mobile |  |
| (Home) | E-mail |  |
| Woman Scientist/Technician\* | □ Check here if applicable※ This is to confirm whether the applicant is a woman scientist/technician under Article 13 (Persons Subject to Affirmative Action) of the Enforcement Decree of the Act on Fostering and Supporting Women Scientists and Technicians.  |

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| **2** |  | **Academic Background** |  |
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| Degree Type | Period | School | Department(Major) | Detailed Fieldof Study |
| Date of Admission | Date of Graduation |
| Doctoral | mm. dd. yyyy | mm. dd. yyyy |  |  |  |
| Master’s | mm. dd. yyyy | mm. dd. yyyy |  |  |  |
| Bachelor’s | mm. dd. yyyy | mm. dd. yyyy |  |  |  |

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| **3** |  | **Final Degree Thesis** |  |
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| Title of Final Degree Thesis:Research Advisor: |

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| **4** |  | **Major Work Experience** |  |
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| --- | --- | --- | --- |
| Institution | Period | Position | Responsibilities |
| Start Date | End Date |
|  | mm. dd. yyyy | mm. dd. yyyy |  |  |
|  | mm. dd. yyyy | mm. dd. yyyy |  |  |
|  | mm. dd. yyyy | mm. dd. yyyy |  |  |

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| **※ Please attach the following documents:** |  |
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| 1) Summary of Key Achievements | 2) Academic/Research Achievements  | 3) Plan of Teaching |
| 4) Plan of Research | 5) Resume(CV) | 6) Consent to Collection and Use of Personal Information  |

List of academic and research achievements should include academic journal publications, workshop/symposium/conference papers, invited seminars/lectures, authored/translated books (entire volume/chapter/articles), research projects undertaken, patents (registration and application), etc. (Please mark your name in bold and underline the (co-)corresponding author and co-first authors.)

I hereby apply for a full-time faculty position at KAIST.

Date: mm. dd, 20xx

Applicant : (signature)

**1. Summary of Key Achievements** 

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| **a. Main Teaching Experience** ▫ Lecture [List the course name(credit), time period, and institution.]--**b. Paper Publication Performance** [Paper title, journal name, month/year of publication, authorship classification (corresponding author, co-author, etc.), impact factor, number of citations, etc.]▫ ▫ **c. Main Research Achievements** ▫ Research projects undertaken [Project title, funding institution, duration of research, total amount of funding, responsibilities (serving as principal investigator or not, etc.) -- ▫ Patent[Patent title, inventor(applicant), registration year, registered country, registration number]-- **d. Other Notable Achievements** [Notable distinctions of research achievements, awards, membership to professional societies and scholastic activities]▫ ▫ **e. References**[In the order of name, organization, title, e-mail address, and telephone number]▫▫▫ **f. Other information**▫ Courses you wish to teach:▫ Desired research areas: ▫ Proposed starting date:  |

※ **There is neither a prescribed format nor prescribed length (use a separate sheet, if necessary)**

**2. Teaching Plan** 

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※ **There is neither a prescribed format nor prescribed length (use a separate sheet, if necessary)**

**3. Plan of Research** 

**(including budget of research and detailed research plan)**

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※ **There is neither a prescribed format nor prescribed length (use a separate sheet, if necessary)**

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| Consent to Collection·Use of Personal Information  |
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| **Purpose of Collection/Use** | KAIST collects personal information to examine job competency, qualifications, qualities, etc. of applicants. The personal information you provide will be used for the applicant screening including document screening and interview, and selection purposes only. |
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| **Items to Be Collected** | Personal identification information (name, e-mail address, contact information, etc.), job-related education, experience, academic/research achievements, qualifications, etc.  |
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| **Retention/Use Period** | Personal information provided is retained and used by KAIST employees who are part of the recruitment and hiring process only, and shall be deleted and destroyed after the retention purpose is achieved.  |
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| **Right to Refuse to Agree**  | Consent to collection/use and provision of personal information may be rejected. However, if an applicant does not agree, his/her application will not be accepted because it makes it impossible to actually proceed with the recruitment process.  |
| I confirm that I have read and understand the content of this Consent Form, and agree to the collection, use, and provision of the personal information I have provided in the application form for the aforementioned purpose and period. Date: MM DD, YYYYApplicant: (signature) |