

## Professor

Ecole/Institution/Société:

**Kyoto University, Japan / Kyoto**

Discipline:

**Civil Engineering, Environmental Engineering**

Type d'emploi::

**Full-time**

Date de publication:

**2022-04-11**

Personne à contacter:

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### **Associate Professor Position at the Department of Civil and Earth Resources Engineering**

**Job title:** Associate Professor

**Location:** Geomechanics Laboratory,

Chair of Geomechanics,

Department of Civil and Earth Resources Engineering,

Graduate School of Engineering, Kyoto University,

C-cluster, Kyotodaigaku-Katsura, Nishikyo, Kyoto

#### **Job description**

Education and research on the following fields in the research area of soil mechanics and geotechnical engineering, and management of the Department affairs of Civil and Earth Resources Engineering.

- Research and education on basic theories of soil mechanics and geotechnical engineering, laboratory experiments, model tests, and numerical analysis, and their advancement.
- Research and education on the mechanical behavior and stability problems of geotechnical structures under various
- loads and on the interaction between ground and structures.
- Development of interdisciplinary fields beyond the area of expertise, and research and education in advanced collaboration with other fields
- Lecture responsibilities of “Soil Mechanics I and Exercises”, “Soil Mechanics II and Exercises”, “Experiments on Soil
- Mechanics and Exercises”, “Soil Mechanics I and Exercises(ICP)”, “Soil Mechanics II and Exercises (ICP)” and
- Mathematics and Physics for engineering fundamental classes at Undergraduate School of Civil, Environmental and Resources
- Engineering, Faculty of Engineering
- Lecture responsibilities of “Geomechanics”, “Computational Geotechnics” and “Exercise on Project Planning” at the Department of Civil and Earth Resources Engineering, Graduate

School of Engineering.

## **Requirements**

A successful candidate has

- a degree of either PhD or Doctor of Engineering or Science in soil mechanics and geotechnical engineering or related academic fields,
- outstanding achievements and distinguished research records in soil mechanics, geotechnical engineering, or related fields. And, outstanding ability to conduct research in this field,
- ability to teach specialized courses in English and supervise graduate students' research,
- Excellent ability in teaching and research guidance on soil mechanics and geotechnical engineering in the Graduate School of Engineering and the School of Engineering.

## **Business hours**

Full-time employment in a discretionary work system, based on 7 hours, 45 minutes (8:30-17:15 work schedule with a one-hour break) per day, 38 hours 45 minutes per week.

Days off: Saturday, Sunday, national holidays, Year-end and New Year holidays, Foundation Day, and summer vacation.

## **Referral Instructions**

Please submit the following documents in electronic versions in Portable Document Format (PDF).

All candidates should submit via the JREC-IN Portal site.  
[https://jrecin.jst.go.jp/seek/SeekJorDetail?fn=4&dt=1&id=D122021505&ln\\_jor=1](https://jrecin.jst.go.jp/seek/SeekJorDetail?fn=4&dt=1&id=D122021505&ln_jor=1)

## **Proposed documents**

- A Curriculum vitae (with photo), address and contact information (including telephone number and e-mail address), educational background (high school or later), ID of ORCID and/or Web of Science ID, etc., employment history, research history, history of social activities such as academic society activities, qualifications, awards and punishments, etc.
- A publication list sectioned for (a) peer-reviewed or refereed journal papers with DOI, (b) peer-reviewed or refereed proceedings papers, (c) non-reviewed papers, (d) published or edited books or book chapters, (e) identification number of ORCID and/or Web of Science, (f) patents, and (g) competitive research funds with descriptions of “Principal Investigator” “Co-Investigator”, or “Research Collaborator” (Grants-in-Aid for Scientific Research etc.), List of papers: Classify into academic papers (peer-reviewed), international conference papers (peer-reviewed, published papers (abstract review only, non-peer-reviewed, etc.), review articles, books, and patents. And list the author(s) (all in order of publication), paper title, journal name, volume (issue), first and last page, year of publication (A.D.), and DOI for each paper.
- Reprints or copies of five major papers representing the candidates’ research,
- A concise personal statement in about 3,000 words describing the candidate’s research achievements. Each research topic should be accompanied by a list of major papers,
- Awards (year of award and description),
- Status of acquisition of competitive research funds such as Grants-in-Aid for Scientific Research or others in the last 10 years (for the representative only),
- A concise personal statement in about 3,000 words describing the candidate’s future vision for research and education after the assignment in this position (Research topic, research objectives, research preparation status, research plan and methods, etc), and
- A list of two references with contact information to whom the University can ask for opinions

on the research and education experiences of the candidate.

## **Screening**

The Selection Committee qualifies all candidates, based on the documents submitted. An interview may be scheduled, if necessary, and will be informed of to selected interviews. Unfortunately, no traveling allowance will be provided to any of the interviewees. The final decision will be made by all professoriate members in the Departments of Civil and Earth Resources Engineering and Urban Management Engineering. Each candidate will be informed of the final decision pertaining to him/herself only

## **Notes**

- The university will not return your application documents. Personal information contained in the application documents will be used solely for the purpose of screening applicants, and never for any other purposes.
- Kyoto University is creating a culturally diverse environment. An equal opportunity is offered to this open position regardless of disability. We give priority to women if they have equal competence based on fair examination.
- The faculty organization the selected belongs to is the Faculty of Civil, Environment and Resources Engineering, while he/she is involved in the education and research in the Department of Civil and Earth Resources Engineering, the Graduate School of Engineering.
- To prevent passive smoking, Kyoto University prohibits smoking at indoors and outdoors at all campuses except for the designated smoking areas.

Detailed information about all mentioned departments can be found at the following URLs:

- Geomechanics Laboratory: [http://geomechanics.kuciv.kyoto-u.ac.jp/index\\_en.html](http://geomechanics.kuciv.kyoto-u.ac.jp/index_en.html)
- Civil and Earth Resources Engineering: [http://www.ce.t.kyoto-u.ac.jp/en/index.html?set\\_language=en](http://www.ce.t.kyoto-u.ac.jp/en/index.html?set_language=en)
- Urban Management: [http://www.um.t.kyoto-u.ac.jp/en/index.html?set\\_language=en](http://www.um.t.kyoto-u.ac.jp/en/index.html?set_language=en)
- Undergraduate Course Program of Civil Engineering: [https://www.s-ge.t.kyoto-u.ac.jp/civ/en?set\\_language=en](https://www.s-ge.t.kyoto-u.ac.jp/civ/en?set_language=en)
- International Course Program of Civil Engineering: [https://www.s-ge.t.kyoto-u.ac.jp/int/en?set\\_language=en](https://www.s-ge.t.kyoto-u.ac.jp/int/en?set_language=en)

## **Contact**

Professor Makoto Kimura

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fax: +81-75-383-3193

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