

**Associate Professor Position at the Department of Urban Management,
Graduate School of Engineering, Kyoto University**

May 27, 2019

Job title	Associate Professor
Number	One person
Location	Environmental Geosphere Engineering Laboratory in the Chair of Earth Resource Sciences (Department of Urban Management) Graduate School of Engineering, Kyoto University, Kyotodaigaku-Katsura, Nishikyo-ku, Kyoto
Job description	<p>The mission of Environmental Geosphere Engineering Laboratory is to deepen and accurize Geo-scientific and technical understanding of the Earth crust, a source place of natural resources. For this, (1) distribution modeling of mineral, energy, and water resources using advanced mathematical geology and Earth measurement methods, (2) chemical properties and flow mechanism of crustal fluids, and (3) multiple crustal structures on geology and physical properties have been researched and clarified. The major of successful candidate is resource geology, engineering geology, geochemistry or any other geoscientific fields dealing with clarifications of geochemical and stable/radio isotopic properties of crustal fluid resources (such as groundwater, hydrothermal fluid, and gas), fluid-flow mechanism, water-rock interaction, and mass transport phenomena by field survey, chemical analysis, and numerical simulation.</p> <p>The activity mission of the Laboratory is closely related to those of the other Earth resources engineering laboratories: "Earth and Resource System Laboratory" in the Department of Urban Management; and "Geophysics Laboratory", "Earth Crust Engineering Laboratory", and "Measurement and Evaluation Technology" in the Department of Civil and Earth Resources Engineering. The "Environmental Geosphere Engineering Laboratory" is, therefore, expected to collaborate with these laboratories.</p>
Requirements	A successful candidate has (i) a degree of either PhD or Doctor of Engineering or Science in Earth resources or related academic fields, (ii) distinguished research record in the areas of the mission

	of the division, (iii) excellent educational experience in universities or research institutions, (iv) ability and enthusiasm in the management of the division and the department, (v) ability of verbal and literal conversations in Japanese, and (vi) ability to give classes in Japanese and English.
Contract Start Date	Anticipated on November 1st, 2019 or later at the earliest possible date.
Probation period	Six months in accordance with the regulations of Kyoto University
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.
Salary and Allowance	To be determined in accordance with Kyoto University regulations
Social insurance	Eligible for MEXT* mutual aid association membership, employment insurance, and workers' compensation insurance *Japan's Ministry of Education, Culture, Sports, Science and Technology
Referral Instructions	Please submit the following documents and a CD/DVD including all the document files in the Portable Document Format (PDF) by means of trackable delivery services. 1) A curriculum vitae including sectioned descriptions of (a) educational histories, and (b) experience as councilor or commissioner of national and local governments and academic societies, 2) A publication list sectioned for (a) peer-reviewed or refereed journal papers with the latest impact factors, (b) peer-reviewed or refereed proceedings papers, (c) non-reviewed papers, (d) published or edited books or book chapters, (e) patents, and (f) competitive research funds with descriptions of "Principal Investigator," "Co-Investigator" or "Research Collaborator" (Grants-in-Aid for Scientific Research etc.), 3) Reprints or copies of five papers representing the candidates' researches,

	<p>4) A concise personal statement in about 2,000 Japanese letters describing the candidate's research achievements,</p> <p>5) A concise personal statement in Japanese describing the candidate's education experiences and academic society activities,</p> <p>6) A concise personal statement in about 2,000 Japanese letters describing the candidate's future vision for research and education after the assignment in the Department, and</p> <p>7) 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.</p> <p>Addressee: Professor Hitoshi Mikada Kyoto University Department of Civil and Earth Resources Engineering C1-1-112, Kyoto Univ. Katsura Campus, Nishikyo-ku, Kyoto 615-8540, JAPAN</p>
Application Deadline	Due June 28th, 2019 (Friday)
Screening	<p>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 Urban Management and Civil and Earth Resources Engineering. Each candidate will be informed of the final decision pertaining to him/herself only.</p>
Notes	<ul style="list-style-type: none"> • 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. A female person, however, will be selected when she remains in the shortlist of the final two candidates. We give priority to women if they have equal competence based on fair examination.

	<ul style="list-style-type: none"> • The faculty organization the selected belongs to is the Faculty Consort of Global Engineering in the Natural Sciences Platform, while he/she is involved in the education and research in the Department of Urban Management, the Graduate School of Engineering. • The information about the departments may be found at the following URLs: Urban Management: http://www.um.t.kyoto-u.ac.jp/en/index.html?set_language=en Civil and Earth Resources Engineering: http://www.ce.t.kyoto-u.ac.jp/en/index.html?set_language=en
Contact	Professor Hitoshi Mikada email:mikada@kumst. (Please append “kyoto-u.ac.jp” at the end) fax:+81-75-383-3198