

Assistant/Associate Professor Addressing Risk and
Resilience in Response to Natural and Human-induced
Hazards
Cornell University

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Posted Oct. 31, 2024, set to expire Mar. 2, 2025

Job Title	Assistant/Associate Professor Addressing Risk and Resilience in Response to Natural and Human-induced Hazards
Department	School of Civil and Environmental Engineering https://www.cee.cornell.edu/cee
Institution	Cornell University Ithaca, New York
Date Posted	Oct. 31, 2024
Application Deadline	open until filled
Position Start Date	Summer/Fall 2025
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Civil Engineering Engineering - Other
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Job Description	

Assistant/Associate Professor Addressing Risk and Resilience in Response to Natural and Human-induced Hazards

The School of Civil and Environmental Engineering at Cornell University (Ithaca campus) invites applications for a tenure-track faculty position in the areas of risk to and resiliency of the built environment and human populations to natural and human-induced hazards. We are particularly

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interested in research that informs actions and responses in urban resilience. Examples of application areas of interest addressing risk and resilience include those arising from climate change (e.g., extreme weather events), aging infrastructure, vulnerabilities in urban infrastructure, and emerging risks to public health.

We seek applicants leveraging cutting-edge breakthroughs in AI, machine learning, and other advanced computational paradigms, alongside fundamental theoretical research and/or experimental, observational, and other types of data-driven approaches. Applicants are expected to develop novel methodologies and tools that make the built environment and human populations more resilient to emerging risks.

Applicants must hold a Ph.D. and will be expected to maintain a rigorous, well-funded program of leading-edge research and contribute to the undergraduate and graduate course curricula. The ability to form large interdisciplinary research teams to address complex problems will be viewed favorably, as well as potential linkages to Cornell Tech (NYC campus).

Applicants at the assistant professor level are strongly encouraged and candidates at the early associate professor level will also be considered. Salary and rank will be commensurate with qualifications and experience. Review of applications will begin Dec 1, 2024 and will continue until the position is filled.

The School of Civil and Environmental Engineering at Cornell embraces diversity and seeks candidates who will contribute to a climate that supports students, faculty and staff of all identities and backgrounds. We strongly encourage individuals from underrepresented and/or marginalized identities to apply.

Application materials must be submitted on-line at: <https://academicjobsonline.org/ajo/jobs/28654>

Applicants should submit a curriculum vitae and three brief statements (1-2 pages per statement): (1) a research statement, (2) a teaching statement, and (3) a statement of contributions to diversity, equity, and inclusion (DEI). Candidates are encouraged to review Cornell University's guidance **for writing DEI statements** [here](#). In addition to the statements, candidates should include one to three publications or manuscripts, and provide contact information for at least three references. Questions can be directed to cee_search@cornell.edu.

The salary range reflects an aggregate of qualifications and disciplines across Cornell University.

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Assistant Professor: \$79,400 - \$211,600

Associate Professor: \$97,500 - \$239,000

Full Professor: \$109,500 - \$329,600

The hiring rate of pay for the successful candidate will be determined considering the following criteria:

- Prior relevant work or industry experience.
- Education level to the extent education is relevant to the position.
- Academic Discipline (faculty pay ranges reflects 9-month annual salary)
- Unique applicable skills.

Diversity and Inclusion are part of Cornell University's heritage. We are a recognized employer and educator valuing AA/EEO, Protected Veterans and Individuals with Disabilities. We also recognize a lawful preference in employment practices for Native Americans living on or near Indian reservations. Cornell University is an innovative Ivy League university and a great place to work. Our inclusive community of scholars, students, and staff impart an uncommon sense of larger purpose, and contribute creative ideas to further the university's mission of teaching, discovery, and engagement.

With our main campus located in Ithaca, NY, Cornell's far-flung global presence includes the medical college's campuses on the Upper East Side of Manhattan and Doha, Qatar, as well as the Cornell Tech campus located on Roosevelt Island in the heart of New York City.

Cornell offers a rich array of services, programs and benefits to help employees advance in their career and enhance the quality of personal life, including: employee wellness, workshops, childcare and adoption assistance, parental leave, flexible work options.

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EEO/AA Policy

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Jeannette Little
School of Civil and Environmental Engineering
Cornell University
Ithaca, NY

Contact E-mail cee_search@cornell.edu