

(Open Rank) Associate and Full Professor of Civil and
Environmental Engineering
University of Southern California

Direct Link: <https://www.AcademicKeys.com/r?job=246390>

Downloaded On: Oct. 5, 2024 1:16am

Posted Oct. 4, 2024, set to expire Dec. 5, 2024

| | |
|-----------------------------|---|
| Job Title | (Open Rank) Associate and Full Professor of Civil and Environmental Engineering |
| Department | Civil and Environmental Engineering https://cee.usc.edu/ |
| Institution | University of Southern California Los Angeles, California |
| Date Posted | Oct. 4, 2024 |
| Application Deadline | Dec. 5, 2024 |
| Position Start Date | Aug. 16, 2025 |
| Job Categories | Associate Professor Professor |
| Academic Field(s) | Water Resources Engineering Ecological and Environmental Construction Engineering/Management Civil Engineering |
| Job Website | https://cee.usc.edu/about/open-positions/ |
| Apply Online Here | https://cee.usc.edu/about/open-positions/ |
| Apply By Email | |
| Job Description | |

The Sonny Astani Department of Civil and Environmental Engineering (<http://cee.usc.edu>) in the USC Viterbi School of Engineering (<https://viterbischool.usc.edu/>) is searching for outstanding faculty candidates in civil and environmental engineering to advance the department's strategic vision (<https://cee.usc.edu/about/strategic-vision-future-mission/>)

(Open Rank) Associate and Full Professor of Civil and
Environmental Engineering
University of Southern California

Direct Link: <https://www.AcademicKeys.com/r?job=246390>

Downloaded On: Oct. 5, 2024 1:16am

Posted Oct. 4, 2024, set to expire Dec. 5, 2024

). While outstanding candidates only at tenured Associate and full Professor ranks will be considered from all areas, such senior candidates with research interests and expertise in the following high-priority areas are especially encouraged to apply:

- **Construction and building automation.** Topics of interest include smart and sustainable buildings, integration of sensing, actuation, and artificial intelligence in design, construction and building automation, robotic construction and on-site automation, digital fabrication, off-site and modular construction, human-machine construction and building automation systems.
- **Water resources engineering.** Topics of interest include computational hydrodynamics and hydrology, ecohydrology and ecological engineering, modeling and mitigation of climate impacts, and understanding the resilience of communities to disasters and anthropogenic factors.

Our department's search this year aligns with USC's **\$1 billion Frontiers of Computing initiative**, the largest, most comprehensive academic initiative in the university's history (<http://computing.usc.edu>). The initiative has already resulted in the creation of the new USC School of Advanced Computing (<http://sac.usc.edu>), which aims to advance computing research and expand USC's presence in Silicon Beach, L.A. County's tech corridor. Candidates have the opportunity to be affiliated with our new USC School of Advanced Computing, with priority given to those whose research aligns with one or more of the following affinity areas: computing and (i) sustainability, (ii) security, (iii) health, and (iv) systems. Applicants are required to incorporate into their research and teaching statements at least one page that clearly describes how their research and teaching interests and accomplishments align with at least one of these affinity areas. Applications that do not address the affinity areas in their statements will be considered incomplete and will not move forward in the selection process.

The USC Viterbi School of Engineering is committed to increasing the diversity of its faculty and welcomes applications from women, individuals from racial/ethnic populations demographically underrepresented in engineering, veterans, and individuals with disabilities. Outstanding senior applicants who have demonstrated academic excellence and leadership, and whose past activities document a commitment to issues involving the advancement of women in science and engineering may be also considered for the [Lloyd Armstrong, Jr. Endowed Chair](#), which is supported by USC's Women in Science and Engineering (WISE) Program endowment.

We expect all applicants to have a strong commitment to research, doctoral student mentoring, and teaching at the undergraduate and graduate levels. Applicants should have a doctorate in civil or environmental engineering, or a related field of study, and must have a well-established and accomplished academic record.

The position is available starting August 16, 2025. To receive full consideration, candidates should

(Open Rank) Associate and Full Professor of Civil and
Environmental Engineering
University of Southern California

Direct Link: <https://www.AcademicKeys.com/r?job=246390>

Downloaded On: Oct. 5, 2024 1:16am

Posted Oct. 4, 2024, set to expire Dec. 5, 2024

apply on-line at: <https://usccareers.usc.edu/search-jobs>. Application materials must include: a cover letter, curriculum vitae, a statement of research interests (2 pages, with a separate third page that focuses specifically on how candidate's research fits in one or more of the new USC School of Advanced Computing research affinity areas), a statement of teaching interests (1 page), a statement on fostering an environment of diversity and inclusion (1 page), and contact information for five references. To receive full consideration, all materials should be received by December 5, 2024; applications received after this deadline might not be considered. All application materials will be held in the strictest confidence. For more information, applicants are welcome to contact Professor Lucio Soibelman (Soibelman@usc.edu) for the construction automation position and Professor Felipe De Barros (fbarros@usc.edu) for the water resources engineering position.

In November 2007, the department was the beneficiary of a [\\$17 million pledge](#) from Sonny Astani, the largest ever bestowed on a department of civil and environmental engineering at that time. The Astani Department has 29 tenured/tenure track faculty members, including four chaired professorships, nine current or former Young Investigator and Early Career awardees, and many fellows of professional organizations. The department recently renovated the civil and environmental engineering laboratories with a multimillion-dollar investment from the USC Viterbi School, including new equipment and renovated space to support cutting-edge research.

The USC Viterbi School of Engineering is among the top-tier engineering schools in the world. It counts 213 full-time, tenure-track faculty members, and it is home to the Information Sciences Institute, the Institute for Creative Technologies, two previously awarded National Science Foundation Engineering Research Centers, a Department of Energy EFRC (Energy Frontiers Research Center), and the Department of Homeland Security's first University Center of Excellence, CREATE. The school is affiliated with the USC Stevens Center for Innovation. Research expenditures typically exceed \$177 million annually.

The annual base salary (9-month) range for the following faculty ranks in this posting are:

? Associate Professor: \$135,000 - \$162,000

? Full Professor: \$173,000 - \$236,000

When extending an offer of employment, the University of Southern California considers factors such as (but not limited to) the scope of responsibilities of the position, the candidate's work experience, education/training, key skills, internal peer equity, federal, state and local laws, contractual stipulations, grant funding, as well as external market and organizational considerations.

The USC Viterbi School of Engineering is committed to enabling the success of dual career families and fosters a family-friendly environment. USC is an equal opportunity, affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status, disability, or any other

(Open Rank) Associate and Full Professor of Civil and
Environmental Engineering
University of Southern California

Direct Link: <https://www.AcademicKeys.com/r?job=246390>

Downloaded On: Oct. 5, 2024 1:16am

Posted Oct. 4, 2024, set to expire Dec. 5, 2024

characteristic protected by law or USC policy. USC will consider for employment all qualified applicants with criminal histories in a manner consistent with the requirements of the Los Angeles Fair Chance Initiative for Hiring ordinance.

EEO/AA Policy

Equal Opportunity, Affirmative Action and Non-Discrimination The University of Southern California is an equal opportunity, affirmative action educator and employer, proudly pluralistic and firmly committed to providing education and employment opportunities to outstanding, qualified individuals with diverse backgrounds and experience. The university strives to maintain a welcoming community in which all its members may live, work and learn in peace and dignity, be proud of who they are, and have equal opportunity to realize their full potential as individuals and members of society. To this end, the university places great emphasis on those values and virtues that bind us together as human beings and members of the Trojan Family. The university enthusiastically supports the principles of affirmative action and equal opportunity in their entirety, and expects that every person associated with the university will give continuing support to their implementation. The university is committed to complying with all applicable laws and regulations—at all levels of government—that prohibit discrimination against, or mandate special consideration be given to, applicants for admission or employment, or current faculty, staff or students, on the basis of any protected characteristic. This commitment applies to all the university's educational programs and activities—including admissions—as well as all employment actions, including but not limited to recruiting, hiring, promotion, demotion, compensation, benefits, transfers, layoffs, return from layoff, provision of leaves, training, education, tuition assistance, and other programs. The university prohibits students, employees, contractors, volunteers, and visitors (collectively, "community members") from engaging in discrimination and harassment based on any individual's age, ancestry, citizenship, color, physical or mental disability, gender expression, gender identity, genetic information, marital status, medical condition, military status, national origin, pregnancy, race, religion, sex, gender (including pregnancy, childbirth, breastfeeding or related medical conditions), sexual orientation, protected veteran status, or any other basis protected by applicable laws or regulations. The university also prohibits community members from engaging in sexual assault, non-consensual sexual contact, sexual misconduct, intimate partner violence, stalking, and violations of temporary administrative actions. Retaliation by university community members is also prohibited, including intimidation, threats, or coercion, where the retaliation is because any students, employees, or applicants for employment or academic admission have objected to discrimination, engaged or may engage in filing a complaint, assisted in a review, investigation, or



(Open Rank) Associate and Full Professor of Civil and
Environmental Engineering
University of Southern California

Direct Link: <https://www.AcademicKeys.com/r?job=246390>

Downloaded On: Oct. 5, 2024 1:16am

Posted Oct. 4, 2024, set to expire Dec. 5, 2024



(Open Rank) Associate and Full Professor of Civil and
Environmental Engineering
University of Southern California

Direct Link: <https://www.AcademicKeys.com/r?job=246390>

Downloaded On: Oct. 5, 2024 1:16am

Posted Oct. 4, 2024, set to expire Dec. 5, 2024



(Open Rank) Associate and Full Professor of Civil and
Environmental Engineering
University of Southern California

Direct Link: <https://www.AcademicKeys.com/r?job=246390>

Downloaded On: Oct. 5, 2024 1:16am

Posted Oct. 4, 2024, set to expire Dec. 5, 2024

(Open Rank) Associate and Full Professor of Civil and
Environmental Engineering
University of Southern California

Direct Link: <https://www.AcademicKeys.com/r?job=246390>

Downloaded On: Oct. 5, 2024 1:16am

Posted Oct. 4, 2024, set to expire Dec. 5, 2024

hearing, or have otherwise sought to exercise their rights under any federal, state, or local equal employment opportunity law. The university makes good faith efforts towards compliance with all state and federal laws and regulations prohibiting discrimination in education or employment, even when relevant laws and regulations conflict with each other, or where obligations may be vague or otherwise unclear. Beyond mere compliance, the university strives to develop and implement best practices regarding non-discrimination and equal opportunity and access in both education and employment. All students, staff, faculty, vendors, and contractors associated with USC must adhere to this policy and are encouraged to assist the university's efforts in support of non-discrimination and equal opportunity and access. Disability accommodations in employment Otherwise qualified individuals must not be denied admission, participation in educational programs and activities, or employment solely due to their disability. University policies and procedures ensure that employees and employment applicants with disabilities will be provided reasonable accommodations to ensure equal access to employment opportunities, and in the performance of the essential functions of their work. Employees with questions or concerns about workplace accommodations should contact the Disability Accommodations Coordinator. If employees have questions about the adequacy or appropriateness of a provided accommodation, they should contact the ADA/504 Coordinator. Individuals who feel they have been improperly denied accommodations in employment should contact the Office of Equity and Diversity. Applicants with questions about access or requiring a reasonable accommodation for any part of the application or hiring process should contact USC Human Resources. (See Resources section below for contact information.) Equal access for students with disabilities Otherwise qualified individuals must not be denied admission, participation in educational programs and activities, or employment due to their disability. University policies and procedures ensure that students and student applicants with disabilities will be provided full and equal access to and enjoyment of academic and co-curricular programs or activities, regardless of disability status, in an environment free from discrimination or harassment. The Office of Disability Services and Programs is the campus unit that reviews requests for and determines reasonable student accommodations and auxiliary aids and services for any student or student applicant with a disability. (See Resources section below for contact information.) Responsibility for equal opportunity and affirmative action USC provides employment equity for all persons without regard to any characteristic protected by university policy, as stated above. With the support and consensus of senior leadership, specifically including the President, the Office of Equity, Equal Opportunity, and Title IX is responsible for implementing institutional affirmative action efforts to ensure the principle of equal employment opportunity is understood, followed, and a reality for our university. The university also implements an internal audit and reporting system to measure the effectiveness of our affirmative action plans. All members of management must be familiar with this policy, fully support it, and apply these principles in good faith. The Affirmative Action Plan for Veterans and Individuals with Disabilities is available for inspection in the Office of Equity and Diversity by any student, employee or applicant upon request, during normal business hours.

(Open Rank) Associate and Full Professor of Civil and
Environmental Engineering
University of Southern California

Direct Link: <https://www.AcademicKeys.com/r?job=246390>

Downloaded On: Oct. 5, 2024 1:16am

Posted Oct. 4, 2024, set to expire Dec. 5, 2024

Contact Information

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

Contact Anabel Diaz
Civil & Environmental Engineering
University of Southern California
Los Angeles, CA 90089

Contact E-mail anabeld@usc.edu