

# Assistant/Associate Professor

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## Position Details

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### Position Information

Department	Biol & Ecol Engineering (ABE)
Position Title	Assistant/Associate Professor
Job Title	Assistant/Associate Professor
Appointment Type	Academic Faculty
Job Location	Corvallis
Benefits Eligible	Full-Time, benefits eligible
Remote or Hybrid option?	

### Job Summary

**The Department of Biological & Ecological Engineering invites applications for a full-time (1.00 FTE), 9-month, tenure-track or tenured faculty position with expertise in Biogeochemistry in managed and/or human-impacted landscapes. The position will be appointed at the rank of Assistant or Associate Professor, commensurate with qualifications and experience.**

The management of biogeochemical cycles and their resultant consequences for agricultural production, environmental pollution, and sustainability of resource use is a critical issue for the state, region, nation, and globe. The incumbent will add expertise in the function, management, ecosystem services, and consequences of biogeochemical cycles of nutrients (carbon, nitrogen, phosphorous, and/or sulfur) in landscapes that are managed and/or impacted by human activities, including forestry, agriculture, urban, and other land uses. Incumbent will have expertise in coupling physical, chemical, biological and/or microbial processes to observe, model, forecast, and managing changing biogeochemical cycles and their outcomes at scales ranging from fields to watersheds. Expertise may include coupling biogeochemical cycles to human activities and infrastructure, disturbance response and recovery (e.g., climate change, droughts, wildfires, or natural disasters), and/or intentional manipulation of biogeochemical systems (e.g., root zone engineering). Outcomes of interest may include forward-looking solutions that address nutrient pollution, carbon sequestration, natural infrastructure, resilience of land management practices, ecological impacts, or similar applications at the intersection of people and planet. We welcome applicants with experience in coupling terrestrial and aquatic systems, applications at the food-water-energy nexus, and/or environmental justice outcomes of land and infrastructure management. Methods may include lab, field, and numerical modeling.

There is an expectation that, as part of your role in the college, you embody and advance the principles and practices conveyed in the [CAS CARE Commitment](#) document.

Oregon State University and the Department are committed to maintaining and enhancing a collaborative and inclusive community that strives for equity and equal opportunity. All employees of the Department are responsible for helping to ensure that these goals are achieved. In addition, all faculty members will design, develop, maintain and/or carry out Department programs to ensure that all people have equal program participation opportunities. The incumbent will contribute to equity, inclusion,

and diversity as part of educational delivery, advising, research, Extension, service, and/or scholarly outcomes. Outputs and impacts of efforts to promote equity, inclusion, and diversity are expected to be included in promotion and tenure dossiers.

This position carries the general and specific responsibilities of a faculty member described in the Faculty Handbook and the promotion and tenure guidelines of Oregon State University. These include effective research, teaching, and/or extension programs, demonstrable scholarship, and active professional development.

Any hiring at the rank of Associate Professor with indefinite tenure will be subject to a successful out-of-cycle tenure review process: <https://facultyaffairs.oregonstate.edu/out-cycle-tenure-review-procedure>.

## Why OSU?

### **Working for Oregon State University is so much more than a job!**

Oregon State University is a dynamic community of dreamers, doers, problem-solvers and change-makers. We don't wait for challenges to present themselves — we seek them out and take them on. We welcome students, faculty and staff from every background and perspective into a community where everyone feels seen and heard. We have deep-rooted mindfulness for the natural world and all who depend on it, and together, we apply knowledge, tools and skills to build a better future for all.

### **FACTS:**

- Top 1.4% university in the world
- More research funding than all public universities in Oregon combined
- 1 of 3 land, sea, space and sun grant universities in the U.S.
- 2 campuses, 11 colleges, 12 experiment stations, and Extension programs in all 36 counties
- 7 cultural resource centers that offer education, celebration and belonging for everyone
- 100+ undergraduate degree programs, 80+ graduate degrees plus hundreds of minor options and certificates
- 35k+ students including more than 2.3k international students and 10k students of color
- 217k+ alumni worldwide
- For more interesting facts about OSU visit: <https://oregonstate.edu/about>

### **Locations:**

Oregon State has a statewide presence with campuses in Corvallis and Bend, the OSU Portland Center and the Hatfield Marine Science Center on the Pacific Coast in Newport.

Oregon State's beautiful, historic and state-of-the-art main campus is located in one of America's best college towns. Corvallis is located close to the Pacific Ocean, the Cascade mountains and Oregon wine country. Nestled in the heart of the Willamette Valley, this beautiful city offers miles of mountain biking and hiking trails, a river perfect for boating or kayaking and an eclectic downtown featuring local cuisine, popular events and performances.

### **Total Rewards Package:**

Oregon State University offers a [comprehensive benefits package](#) with benefits eligible positions that is designed to meet the needs of employees and their families including:

- Medical, Dental, Vision and Basic Life. OSU pays 95% of premiums for you and your eligible dependents.
- Free confidential mental health and emotional support services, and counseling resources.
- Retirement savings paid by the university.

- A generous paid leave package, including holidays, vacation and sick leave.
- Tuition reduction benefits for you or your qualifying dependents at OSU or the additional six Oregon Public Universities.
- Robust Work Life programs including Dual Career assistance resources, flexible work arrangements, a Family Resource Center, Affinity Groups and an Employee Assistance Program.

Future and current OSU employees can use the [Benefits Calculator](#) to learn more about the full value of the benefits provided at OSU.

## Key Responsibilities

### 65% Research and Scholarship

Establish nationally and internationally recognized, externally funded research program in managed landscape biogeochemistry and closely related fields.

Expectations include:

- Advising and mentoring graduate students, post-doctoral scholars, research technicians, undergraduate students, and others involved in the research program;
- Generating scholarly outputs in the form of peer-review journal articles and other accepted forms of scholarship reflecting your research activities;
- Securing competitive external funding to support the research program;
- Serve as an investigator on a USDA-NIFA Hatch collaborative or Hatch multistate project.

### 25% Teaching and Advising

- Developing and delivering 2-3 courses per year at the undergraduate and/or graduate level related to ecological engineering, biogeochemical cycles and their engineering or management, interactions of physical-chemical-biological systems as controls on water quality, or similar topics. Specific assignments will be developed in collaboration with the Dept. Head based on unit needs and expertise of the incumbent. Modality may include a combination of in-person, hybrid, or ECampus delivery of instruction.

### 10% Service

- The incumbent is expected to advance their professional discipline through service to professional organizations.
- Serve the University and general public by providing timely science-based information to the public including through engagement with extension, outreach activities, trade organizations, popular media, and/or community-engaged or stakeholder-driven research.
- Assume departmental duties and participate in university and college service in consultation with the Dept. Head.

## What You Will Need

Minimum Qualifications for all ranks (Assistant Professor/Associate Professor):

- Ph.D. in Agricultural Engineering, Ecological Engineering, Civil/Environmental Engineering, Environmental Science, Geoscience, Crop and soil science, or in a closely related field of engineering, agricultural science, or earth science with expertise in biogeochemical cycles, nutrient management, and/or quantitative analysis of ecosystems.
- Demonstrated interest in or prior work on solutions-oriented research.
- Previous experience with research on topics that emphasize biogeochemistry at the landscape to global scales in managed and/or engineered landscapes.
- Demonstrated ability to engage and collaborate effectively with diverse audiences.
- Record of scholarly achievement as evidenced by publications in peer-reviewed journals and presentation of scientific findings.
- Demonstrated commitment to development of inclusive and effective pedagogical knowledge and practices.

- Demonstrable commitment to promoting and enhancing diversity.

This position is designated as a critical or security-sensitive position; therefore, the incumbent must successfully complete a criminal history check and be determined to be position qualified as per University Standard: 05-010 et seq. Incumbents are required to self-report convictions and those in youth programs may have additional criminal history checks every 24 months.

Additional Minimum Qualifications for the Associate professor rank:

- Strong record of sustained extramural funding and publication in landscape biogeochemistry and/or closely related fields
- Current appointment as an Associate Professor or comparable rank at an academic/research institution.

#### What We Would Like You to Have

Preferred Qualifications for all ranks (Assistant Professor/Associate Professor):

- Demonstrated skills, awareness, and/or life experiences to contribute to an increasingly equitable organization where all can enter, participate, and thrive.
- Demonstrated experience in formal or informal education and mentoring, including classroom instruction, extension teaching, or other education delivery methods.
- Demonstrated ability to secure competitive funding to support a research program.

Additional Preferred Qualifications for the Associate professor rank:

- Demonstrated ability to provide inspiration and leadership in research, outreach, engagement, and teaching.
- Demonstrated ability to assemble and lead multidisciplinary teams

#### Working Conditions / Work Schedule

Travel for field research and presentations. Work may take place in varying field conditions and environments. Evening and/or weekend work may be required for conference travel and research work in the field and laboratory.

#### Pay Method

Salary

#### Pay Period

1st through the last day of the month

#### Pay Date

Last working day of the month

#### Recommended Full-Time Salary Range

Salary is commensurate with education, skills, and experience.

#### Link to Position Description

[https://jobs.oregonstate.edu/position\\_descriptions/147147](https://jobs.oregonstate.edu/position_descriptions/147147)

#### Posting Detail Information

#### Posting Number

P07587UF

#### Number of Vacancies

1

#### Anticipated Appointment Begin Date

09/01/2024

#### Anticipated Appointment End Date

#### Posting Date

12/05/2023

#### Full Consideration Date

01/14/2024

#### Closing Date

02/11/2024

Indicate how you intend to recruit for this search Competitive / External - open to ALL qualified applicants

### Special Instructions to Applicants

**To ensure full consideration, applications must be received by January 14, 2024.** Applications will continue to be accepted after the full consideration date, until a sufficient applicant pool has been achieved or the position is filled. The closing date is subject to change without notice to applicants.

When applying you will be required to attach the following electronic documents:

- 1) A copy of your current Curriculum Vitae.
- 2) Cover letter addressing each of the required qualifications and the preferred qualifications listed in this announcement.
- 3) A one (1) page statement of research interest; (Attach as Statement of Research)
- 4) A one (1) page statement on your teaching philosophy; (Attach as Statement of Teaching)
- 5) A one (1) page diversity statement: You will interact with a diverse population of students in this position. Broadly, how do you think about supporting students who may have very different identities and backgrounds than you have interacted with before? Please provide a general summary of how you think about this topic and give one example where you have taken action to support others from nontraditional or excluded backgrounds. (Attach as Diversity Statement)

For additional information please contact:

Name: Jennifer Cohen

Email: [jennifer.cohen@oregonstate.edu](mailto:jennifer.cohen@oregonstate.edu)

OSU commits to inclusive excellence by advancing equity and diversity in all that we do. We are an Affirmative Action/Equal Opportunity employer, and particularly encourage applications from members of historically underrepresented racial/ethnic groups, women, individuals with disabilities, veterans, LGBTQ community members, and others who demonstrate the ability to help us achieve our vision of a diverse and inclusive community.

OSU will conduct a review of the National Sex Offender Public website prior to hire.

This position is designated as a critical or security-sensitive position; therefore, the incumbent must successfully complete a criminal history check and be determined to be position qualified as per University Standard 05-010 et seq. Incumbents are required to self-report convictions and those in youth programs may have additional criminal history checks every 24 months. Offers of employment are contingent upon meeting all minimum qualifications including the criminal history check requirement.

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## Supplemental Questions

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Required fields are indicated with an asterisk (\*).

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## Documents Needed to Apply

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### Required Documents

1. Cover Letter
2. Curriculum Vitae
3. Statement of Research

4. Statement of Teaching
5. Diversity Statement

Optional Documents

1. REQUIRED for Verification of Veteran Status (Documentation will be removed once status certified)