

Asst. Professor of Meteorology and of Civil Engineering
and Environmental Science - Hydrology
University of Oklahoma Norman Campus

Direct Link: <https://www.AcademicKeys.com/r?job=229667>

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Posted Jan. 29, 2024, set to expire May 30, 2024

Job Title	Asst. Professor of Meteorology and of Civil Engineering and Environmental Science - Hydrology
Department	School of Meteorology https://meteorology.ou.edu/
Institution	University of Oklahoma Norman Campus Norman, Oklahoma
Date Posted	Jan. 29, 2024
Application Deadline	Open until filled
Position Start Date	Aug. 16, 2024
Job Categories	Assistant Professor
Academic Field(s)	Water Resources Engineering Ecological and Environmental Civil Engineering Engineering - Other
Job Website	http://apply.interfolio.com/137372
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Job Description	

Faculty Position:

Hydrometeorology

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School of Meteorology - College of Atmospheric and Geographic Sciences

School of Civil Engineering and Environmental Science - Gallogly College of Engineering

As part of a multi-year cross College-level effort to become global leaders in Water and Earth System Predictions and Community Resilience Research with a particular emphasis on Hydrology and Water Security, the School of Meteorology (<https://meteorology.ou.edu>; SoM) and the School of Civil Engineering and Environmental Science (<https://ou.edu/coe/cees>; CEES) at the University of Oklahoma (OU) welcome applications for a tenure-track Assistant Professor position focused on the broad areas of Hydrometeorology and Hydrology from candidates whose experiences and interests have prepared them to be an integral contributor to the advancement of our communities engaged in the following: scientific discovery, education, developing the next generation of thought leaders, and service to society. The search is coordinated by the Gallogly College of Engineering and the College of Atmospheric and Geographic Sciences.

The joint Mission of the College of Atmospheric and Geographic Sciences and the Gallogly College of Engineering is to provide a world-class academic experience that promotes convergent and innovative education and research at the intersections of weather, water, climate, and sustainability. To fulfill this mission, our faculty is dedicated to preparing students for successful careers in the private sector, academia, government agencies, and non-governmental organizations.

Hydrometeorology

One (1) tenure-track position is available in the broad areas of Hydrometeorology and Hydrology. The successful candidate will become an important member of the School of Meteorology and School of Civil Engineering and Environmental Science faculty, as well as the vibrant Norman Hydrometeorology community, which includes several university research centers, NOAA?partners, and private companies. They will work collaboratively with both schools to increase our understanding of the energy and water cycles from local to global spatial scales and weather to climate temporal scales.

Aligning with the University of Oklahoma's pursuit of excellence in every discipline, the School of Meteorology and the College of Atmospheric and Geographic Sciences has a long and distinguished history of excellence in various sub-fields of Meteorology. Our vision, i.e., to "Develop the School into a just, globally-engaged, student-centered atmospheric science program to advance the Nation's Weather, Water, and Climate enterprise, by leveraging our strengths in research, education, and community engagement." is articulated in the recently developed Strategic Plan (SP2030), available [here](#). In a similar direction, the Gallogly College of Engineering hosting the School of Civil Engineering and Environmental Science has a bold plan to dramatically improve quality of life and stimulate

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economic development for our state, region, nation, and world by solving engineering, scientific and technological challenges through leadership in discovery, innovation, education, and engagement. One of the two large initiatives in the College Strategic Plan (available [here](#)) is in the strategic area of Water, focusing on “Building an internationally renowned program that addresses complex water challenges – quantity, quality, and management – from local to global scale and requires application of innovative science and technology to provide solutions”.

The University of Oklahoma (OU) is a Carnegie-R1 comprehensive public research university known for excellence in teaching, research, and community engagement, serving the educational, cultural, economic and health-care needs of the state, region, and nation from three campuses: Norman, Health Sciences Center in Oklahoma City and the Schusterman Center in Tulsa. The University of Oklahoma enrolls over 30,000 students and has more than 2700 full-time faculty members in 21 colleges.

Norman is a vibrant university town of around 130,000 inhabitants with a growing entertainment and art scene. With outstanding schools, amenities, and a low cost of living, Norman is a perennial contender on “best place to live” rankings. Visit <http://www.ou.edu/flipbook> and <http://soonerway.ou.edu> for more information. Within an easy commute, Oklahoma City features a dynamic economy and outstanding cultural venues adding to the region’s growing appeal.

Qualifications

Required qualifications:

Applicants must have completed their PhD by the time of appointment and earned a Ph.D. in Meteorology, Environmental Science, Environmental Engineering, Civil Engineering, or a related field. Competitive candidates for this position should have expertise related to?interactions across weather, climate, hydrologic, and ecological systems with a focus on processes that drive environmental extremes and their associated impacts. This includes, but is not limited to the following: precipitation extremes, droughts, and floods under a changing climate; land-atmosphere interactions; and processes governing the interactions among the land surface, vegetation, and water bodies in the critical zone. Applicants should demonstrate the ability to communicate and distribute new insights to the scientific and engineering communities, and work with relevant stakeholders and the public to help support sustainable, resilient, and robust societal planning efforts.?

Preferred qualifications:

The following qualifications are preferred:

- Experience or passion in teaching undergraduate and graduate core and elective courses in

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classroom and online;

- Experience or potential to succeed in research mentoring of undergraduate and graduate students;
- Experience in Hydrometeorology and/or Hydrology research or related fields;
- Experience in interdisciplinary collaborations in Hydrometeorology and/or Hydrology or related fields;
- Interest in the development, validation, and improvement of observational and modeling techniques that advance the prediction of extreme events;
- Ability to communicate and distribute new insights to the scientific and engineering communities, and work with relevant stakeholders and the public to help support sustainable, resilient, and robust societal planning efforts.

Application Instructions

Application Materials Requested: To apply, please submit as one single pdf file a comprehensive cover letter (not to exceed 10 pages), current curriculum vitae and a list of at least 3 people who can serve as references. The cover letter may address examples of approach to teaching (e.g., past instructional and mentorship experiences, and plans/goals for teaching at the University of Oklahoma including the following: existing and proposed courses, inclusive excellence, research (e.g., prior contributions to research and goals for developing a research program at the University of Oklahoma), service (e.g., a vision for internal service to the academic unit, the College and the University, and for external service to our scientific community and other stakeholders), and graduate student mentorship.

Please submit your application to this link: <http://apply.interfolio.com/137372> Screening of applications will begin on February 15, 2024 and will continue until the position is filled. The search committee chair Dr. Pierre Kirstetter (pierre-emmanuel.kirstetter@ou.edu) would be happy to answer any questions about the position and our organization and look forward to receiving your application materials.

Application Process

This institution is using Interfolio's Faculty Search to conduct this search. Applicants to this position receive a free Dossier account and can send all application materials, including confidential letters of recommendation, free of charge.

[Apply Now](#)

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EEO/AA Policy

The University of Oklahoma, in compliance with all applicable federal and state laws and regulations, does not discriminate on the basis of race, color, national origin, sex, sexual orientation, genetic information, gender identity, gender expression, age, religion, disability, political beliefs, or status as a veteran in any of its policies, practices, or procedures. This includes, but is not limited to: admissions, employment, financial aid, housing, services in educational programs or activities, or health care services that the University operates or provides.

Diversity Statement

The University of Oklahoma is committed to achieving a diverse, equitable and inclusive university community by recognizing each person's unique contributions, background, and perspectives. The University of Oklahoma strives to cultivate a sense of belonging and emotional support for all, recognizing that fostering an inclusive environment for all is vital in the pursuit of academic and inclusive excellence in all aspects of our institutional mission.

Mission of the University of Oklahoma

The Mission of the University of Oklahoma is to provide the best possible educational experience for our students through excellence in teaching, research and creative activity, and service to the state and society.

Contact Information

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

Contact [Http://Apply.interfolio.com/137372](http://Apply.interfolio.com/137372)
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Norman, OK

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