Assistant Professor Physical Contributions to Sea Level, Tenure Track, F0388A
Old Dominion University

Job Title	Assistant Professor Physical Contributions to Sea Level, Tenure Track, F0388A
Department	RESILIENCE CLUSTER HIRE
Institution	Old Dominion University Norfolk, Virginia
Date Posted	Oct. 27, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Environmental Sciences/Ecology/Forestry Earth Sciences
Job Website	https://jobs.odu.edu/postings/24601
Apply By Email	

Job Description

The Department of Ocean and Earth Sciences (OES) in the College of Sciences (CoS) at Old Dominion University (ODU) in Norfolk, VA, invites applications for a tenure-track faculty position in sea level rise (SLR) with a focus on the physical contributions to sea level. While we anticipate hiring at the assistant professor level, exceptional candidates at the associate professor level will also be considered. This position will start in Fall, 2026, and this is a 10-month appointment.

This faculty position is part of ODU's Centennial Cluster Hire initiative within the SLR and coastal resilience research focus area. This faculty member will partner with other cluster hire faculty, including one in the Department of Civil and Environmental Engineering (CEE) to develop transdisciplinary research, education and outreach programs by incorporating SLR data and modeling products focused on quantifying the magnitudes and variabilities in the physical processes and variables that contribute to changes in global and relative sea levels. This position is envisioned to foster synergy across

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several subdisciplines within OES, including physical oceanography, coastal geology, geological oceanography, geospatial analysis, environmental sciences, and remote sensing.

The successful candidate will conduct research on developing accurate assessments of SLR by focusing on physical contributions to sea level. This may include research on gains or losses of continental ice sheets and glaciers, thermal expansion and variations in global water storage, significance of atmosphere-ocean models and data requirements, or modeling of sea-level trajectories. This work may combine observations of Earth's crustal deformation from Global Navigation Satellite System (GNSS), Interferometric Synthetic Aperture Radar (InSAR), satellite altimetry, ice sheet/glacial extents data, and tide-gauge data with numerical models to project physical contributions to sea level change across ranges of space and time.

Contact Information

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

Contact

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