Tenure Track Position in Coastal and Estuarine Physical Processes

The College of Science & Engineering at San Francisco State University (SF State) invites applicants for a tenure-track Assistant or Associate Professor position in Coastal and Estuarine Physical Coastal Processes beginning August 2016. The position is in the Department of Earth and Climate Sciences (E&CS), but the faculty member will be expected to be an important contributor to the research and teaching missions of the Romberg Tiburon Center (RTC) for Environmental Studies.

E&CS & RTC seek an individual with a background in physical processes in coastal and estuarine environments with a specialization in coastal circulation or physical oceanography, hydrodynamics, morphodynamics or sediment transport who use a variety of approaches including observations and modeling.

The Department of Earth & Climate Sciences (tornado@sfsu.edu) has 10 tenured/tenure-track faculty and five lecturers. It offers a BS degree in Earth Sciences, with emphases in Geology, Hydrology, and Ocean, Weather and Climate; a BA degree in Earth Sciences; and a MS degree in Geosciences. Together, these programs enroll about 130 undergraduate majors and 30 MS students. E&CS and the main campus house an X-Ray Fluorescence (XRF) lab, the Electron Microscopy Facility, and several classrooms and student spaces equipped with computers for instructional use.

The Romberg Tiburon Center for Environmental Studies (rtc.sfsu.edu) is San Francisco State University’s interdisciplinary research center focused on marine and estuarine environments. RTC’s mission is to support experimentation, innovation and education that enhance understanding of bays, coasts, and oceans. RTC is also home to the San Francisco Bay National Estuarine Research Reserve, the Smithsonian Environmental Research Center and Taxon Biosciences, Inc. The Center is located approximately 20 miles north of the main campus on the Tiburon Peninsula on a 34-acre waterfront parcel on the shore of San Francisco Bay. RTC facilities include: a research center with laboratories, classrooms and administrative offices; additional offices and classrooms in a second building; the Bay Conference Center; the Ohrenschall Guest House, Marine/Technical Operations Shops, and flow through and recirculating Bay/seawater facilities. RTC operates several boats used for research including a 38’ aluminum hulled vessel, the R/V Questuary, a 21’ C-Dory, and several Boston Whalers. We offer an interdisciplinary MS degree in Marine Science based at RTC and teach a variety of undergraduate courses from different academic departments at the Center. Presently, 16 Ph.D. level scientists (tenured/tenure-track or research faculty) from the departments of Biology, Geography & the Environment, Chemistry & Biochemistry, and Physics and four postdoctoral associates lead research efforts that involve 25 research technicians and 60 masters level graduate students and support approximately $3 million in grant supported expenditures annually. In addition, SF State is a consortium member of the Moss Landing Marine Laboratories; an active participant in the California State University’s Council on Ocean Affairs, Science and Technology (COAST); and an academic affiliate of the University Corporation for Atmospheric Research (UCAR). Marine and Estuarine focused institutions throughout the San Francisco Bay Area provide additional avenues for collaboration.
**Qualifications:** Candidates should have a Ph.D. in a physical science discipline related to Coastal and Estuarine Physical Processes. Post-doctoral experience preferred. Candidates should have a strong background in coastal circulation or physical oceanography, hydrodynamics, morphodynamics, or sediment transport, using a variety of approaches including observations and modeling. Candidates must demonstrate the ability to develop an outstanding, externally funded research program involving undergraduate and graduate students. The successful candidate must have a commitment to excellence in teaching—with teaching interests or experience in the area of coastal physical processes—and will be expected to teach at the undergraduate and graduate levels. Candidates must have an active record of research related to their specialty area and evidence of external support or the potential for external funding of these activities. Candidates are preferred who have teaching and/or research experience with a large, diverse student body.

**Responsibilities:** The position requires graduate and undergraduate teaching in the area of coastal physical processes, mentoring and advising graduate and undergraduate students, developing an active ongoing interdisciplinary research program, develop research collaborations with faculty at RTC and in E&CS, as well as teaching courses in coastal physical processes and other areas that support graduate and undergraduate education at RTC and in E&CS, and engage in ongoing committee and service assignments. Detailed position description available at [http://tornado.sfsu.edu/PositionAnnouncement/TenureTrackCoastalProcesses2015.pdf](http://tornado.sfsu.edu/PositionAnnouncement/TenureTrackCoastalProcesses2015.pdf)

**Rank and salary:** Assistant or Associate Professor. Salary commensurate with qualifications and experience. The CSU provides generous health, retirement and other benefits.

**Application process:** Submit letter of intent/interest, a current CV, statements of research interests and teaching philosophy, and names and contact information of three references, online at the Academicjobsonline.org Web site (at [https://academicjobsonline.org/ajo/SFSU/geology/6076/apply](https://academicjobsonline.org/ajo/SFSU/geology/6076/apply)). (Letters of recommendation may be requested at a later date.) Review of applications begins November 1st, 2015 and will continue until the position is filled. For questions about the position, contact Dr. Petra Dekens (E&CS) dekens@sfsu.edu (415-338-6015) or Dr. Ellen Hines (RTC) ehines@sfsu.edu (415-338-3512), the Hiring Committee co-chairs.

San Francisco State University is a member of the California State University system and serves a diverse student body of 30,000 undergraduate and graduate students. The University seeks to promote appreciation of scholarship, freedom and, human diversity through excellence in instruction and intellectual accomplishment. SFSU faculty are expected to be effective teachers and demonstrate professional achievement and growth through research, scholarship, and/or creative work.

San Francisco State University is an Equal Opportunity Employer with a strong commitment to diversity. We especially welcome applications from members of all ethnic groups, women, veterans, and people with disabilities.

A background check (including a criminal records check) must be completed satisfactorily before any candidate can be offered a position with the CSU. Failure to satisfactorily complete the background check may affect the application status of applicants or continued employment of current CSU employees who apply for the position.