

About AGU

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Network staff for distributing high-quality continuous data, which I used for the ambient seismic noise studies.

Similarly, I would like to emphasize to my predecessor, David Shelly, that the increasing availability of continuous seismological records strongly transforms the work of seismologists, who now need to elaborate upon novel "data mining" procedures. This is an exciting new domain

for seismology, which is often coupled with geodesy, for example, in nonvolcanic tremor and ambient seismic noise correlation studies.

I am looking forward to continuing to work in that domain and to creating exciting new collaborations for studying the active Earth.

—FLORENT BRENGUIER, Piton de la Fournaise Volcanological Observatory, IGP, Paris, France

AGU is now on Facebook

<http://www.facebook.com/AmericanGeophysicalUnion>

CLASSIFIED

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"Positions Available" and "Student Opportunities" are updated every Tuesday and listed on our Web site, accessible to AGU members.

www.agu.org

POSITIONS AVAILABLE

Atmospheric Sciences

Post-Doctoral Research Applicants. Applicants are sought to join a collaborative research project between the US EPA Office of Research and Development (ORD) and the University of Colorado in Boulder. The post doc will be located at EPA ORD offices in Research Triangle Park in North Carolina and served in the Atmospheric Modeling and Analysis Division (AMAD) of the National Exposure Research Laboratory (NERL). The project is funded through NASA ACPAP for the purpose of investigating in situ and top-down constraints on NH₃, focusing on a new bi-directional NH₃ air-surface exchange model developed for the Community Multiscale Air Quality (CMAQ) model.

The participant will use inverse modeling techniques to improve NH₃ emission estimates from agricultural sources and bi-directional air-surface exchange parameters using field-scale and satellite observations. Desired qualifications include experience using chemical transport or air quality models, working knowledge of atmospheric aerosols and chemistry, and strong communication skills.

Experience with atmospheric flux measurement and modeling techniques are a plus. We offer a 20 month post-doctoral position with the possibility of an extension. Applicants should send a cover letter describing research experience and interests, a CV, and contact information for three references to Jesse Bash (bash.jesse@epa.gov). CU Boulder is an equal opportunity employer.

Research Positions. Nanyang Technological University (NTU) in Singapore is offering the following research positions.

Postdoctoral Fellow, Urban Canyon and Boundary-Layer Modeling.

We are seeking suitable researcher with an interest in urban canyon and boundary-layer modeling of the Singapore environment.

This work is part of five-year collaboration with the Center for Environmental Sensing and Modeling (CENSAM), established under the auspices of the Singapore-MIT Alliance for Research and Technology (SMART).

Research Associate/Scientist, Data Assimilation.
We are seeking suitable candidate for adapting data assimilation codes to a mesoscale NWP model (COAMPS) to assimilate Doppler radar wind and reflectivity data.

Ocean Dynamics and Prediction Research Naval Research Laboratory

The Naval Research Laboratory has openings for PhD researchers to push forward the frontiers of coastal ocean forecasting. Problems that must be addressed cover a broad spectrum of physical processes including surface waves, sediment transport, nearshore circulation, estuarine and river dynamics, lateral and vertical turbulent mixing, Arctic ice modeling, internal waves, and coupled dynamics (ocean/wave/atmosphere, coastal/shelf-scale currents). This challenging work involves the development of numerical models and data assimilative approaches, the processing and analysis of satellite and in water observation and the construction of model systems for the predicting the ocean environment. This work is long term, and the end goal is to build cutting edge technology for predictive systems that transition to operational forecast centers.

This is an excellent opportunity to work with some of the best modelers and data analysts in the ocean community. The Naval Research Laboratory has access to the major supercomputer sites in addition to excellent local computer resources. The laboratory is collocated with the Naval Oceanographic Office, which is the largest national operational forecast center for oceanography.

To learn more about ongoing research projects and recent publications, visit the web site: <http://www.7320.nrlssc.navy.mil/index.php>.

Salary range is \$61,000 to \$101,000 depending on experience. Applicants must be a US citizen or permanent resident at time of application. NRL is an equal opportunity employer. Send resume and references to:

Richard Allard via e-mail: allard@nrlssc.navy.mil
NRL Code 7322
Stennis Space Center, MS 39529

New AGU Journal Editors Appointed

New editors have been appointed for *Geochemistry, Geophysics, Geosystems*; *Geophysical Research Letters*; *Journal of Geophysical Research-Oceans*; *Reviews of Geophysics*; and *Water Resources Research*. *Geochemistry, Geophysics, Geosystems* welcomes Joel A. Baker (Victoria University, Wellington, New Zealand), Louis A. Derry (Cornell University, Ithaca, N. Y.), and James A. Tyburczy (Arizona State University, Tempe). They are filling the vacancies of retiring editors Vincent Salters and John Tarduno and are joining continuing editor Thorsten Becker.

Geophysical Research Letters has added Paul D. Williams (University of Reading, Reading, UK) and W. K. ("Bill") Peterson (Laboratory for Atmospheric and Space Physics, University of Colorado, Boulder) to its editorial staff.

Thomas H. C. Herbers (Naval Postgraduate School, Monterey, Calif.) has joined *Journal of Geophysical Research-Oceans*.

Reviews of Geophysics editor in chief Mark B. Moldwin and editor Peter Riley are joined by Fabio Florindo (Istituto Nazionale di Geofisica e Vulcanologia, Rome, Italy), Gregory Okin (University of California, Los Angeles), and Elco Rohling (National Oceanography Centre, Southampton, UK). These new editors are replacing retiring editors Henk Dijkstra, Ian Fairchild, Michael Manga, and Daniel Tartakovsky. Alan Robock (Rutgers University, New Brunswick, N. J.) will join the editorial board on 1 July 2010.

Water Resources Research welcomes Ronald C. Griffin (Texas A&M University, College Station), who replaces Thomas Torgersen.

The incoming editors thank the retiring editors for their service and for their assistance during these transitions.

—BARBARA MAJOR, Assistant Director, AGU Journals

Job and application details can be found at <http://www1.spm.snu.edu.sg/~sunshin/> WeatherWeb/html/job.html. Contact: Dr. Teo Chee Kiat, ctkeo@ntu.edu.sg.

Biogeosciences

Tenure Track/Tenured Assistant/Associate/Full Professor Position in the Fields of Geobiology/Geomicrobiology. Geobiology/Geomicrobiology. The Key Laboratory of Biogeology and Environmental Geology of Ministry of Education, China University of Geosciences-Wuhan, invites applications for tenure track/tenured assistant/associate/full professor position in the fields of Geobiology/Geomicrobiology. Preference will be given to candidates with interests in biogeochemistry, mineral/microbe interactions, microbial life in extreme environments, and environmental remediation of contaminated water resources. The successful candidate will have broad interests in natural surfaces and microbially mediated processes on or near earth surfaces. The position will be available beginning in September 2010 and comes with a competitive salary and startup package. Opportunities exist for collaboration with faculty in Earth Sciences, Paleobiology, Environmental Studies, and other related fields. Responsibilities will include the development of a rigorous research program and teaching and

advising at both the graduate and undergraduate levels. The candidate will teach the undergraduate Geology/Biology curriculum, as well as upper-level undergraduate and graduate courses in his or her field of specialty.

Candidates should electronically submit a letter of application describing their research and teaching interests, curriculum vitae, and the names and contact information for three references to Dr. Ping Li at pliguc@gmail.com or mail a hard copy to Dr. Ping Li, Key Laboratory of Biogeology and Environmental Geology of Ministry of Education, China University of Geosciences, 388 Lumo Road, Wuhan, 430074, China. China University of Geosciences-Wuhan is an Affirmative Action/Equal Opportunity Employer and encourages applications from around the world.

Geochemistry

Post Doc-Hydrogeology, (Hydro) Geophysics. Sandia National Laboratories is one of the country's largest research and engineering laboratories, employing 8,100 people at major facilities in Albuquerque, New Mexico and Livermore, California. We make enduring contributions to secure our society against high consequence terrorist threats and national incidents through effective use of science,

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Leibniz-Institut für Meereswissenschaften
an der Universität Kiel



Christian-Albrechts-Universität zu Kiel

The Christian-Albrechts-University will attract more qualified women for professorships.

The Faculty of Mathematics and Natural Sciences at the Christian-Albrechts-University of Kiel, Germany, invites applications for a

Junior Professorship (W1) in Meteorology

The position is embedded in the Leibniz Institute of Marine Sciences (IFM-GEOMAR) in the research division Ocean Circulation and Climate Dynamics. The W1 Junior Professors will initially be appointed for 3 years („Beamtungsverhältnis auf Zeit“); depending on performance the position can be extended by up to 3 additional years.

Possible research foci should concern the interactions of the atmosphere with the oceans. These include the fields of climate variability and predictability and statistical climatology. Research topics can concern large-scale interactions as well as the physical processes upon which they are based. Modelling and observational studies are both welcome as is research in the field of paleo-climate. Model initialization including data assimilation is also relevant, as far as the work relates to the predictability of climate fluctuations. Close collaborations with the other research divisions of the institute as well as with research networks in Kiel, in particular the Excellence Cluster "Future Ocean" and collaborative research centre SFB 754 "Climate – Biogeochemistry Interactions in the Tropical Ocean" are desired.

Applicants are required to have completed a PhD in Meteorology, Physical Oceanography, Physics, Mathematics, or in a related field. The successful candidate will contribute to BSc courses in „Physik des Erdsystems: Meteorologie – Ozeanographie – Geophysik“ and MSc courses in "Climate Physics: Meteorology and Physical Oceanography", which will be taught in English.

The position is opened with respect to Art. § 64 of the Higher Education Act of the State of Schleswig-Holstein.

The Christian-Albrechts-University and the IFM-GEOMAR are seeking to increase the number of women in faculty positions and encourage applications from qualified women. Female applicants will be treated with priority if their qualifications and achievements are equal to those of male applicants. Applications from scientists with disabilities will be treated with priority in case of equal qualifications.

Applications in English including CV, certificates of academic qualifications, list of publications, reprints of three selected publications together with private and academic mailing and e-mail addresses and telephone number should be submitted by **May 7th, 2010** to

Dean of the Faculty of Mathematics and Natural Sciences
Christian-Albrechts-University
24098 Kiel, Germany