



**EARTHQUAKE ENGINEERING
RESEARCH INSTITUTE**

NEWSLETTER

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News of the Profession

Major Earthquake Hits Peru

A major earthquake occurred near the southern coast of Peru, about 110 miles (175 km) west of Arequipa, or about 370 miles (595 km) south-east of Lima, at 4:33 pm EDT on June 23, 2001 (3:33 pm local time in Peru). A magnitude of 8.4 (revised from an earlier value) has been computed for this event. Several moderate aftershocks have been recorded, the largest having a magnitude of 6.8. At least 102 people were killed and 1,368 injured. There was extensive damage in the areas of Arequipa, Camana, Moquega, and Tacna. At press time several people were missing from a tsunami in the areas of Camana and Chalam, and at least 20 were killed. See the EERI web site at www.eeri.org for reconnaissance reports, photos, and maps.

News of the Institute

EERI/FEMA Graduate Fellowship Awarded

Ann Marie Kammerer, a Ph.D. candidate in civil engineering at the University of California, Berkeley, has been selected as the NEHRP Graduate Fellow in Earthquake Hazard Reduction awarded by EERI under a cooperative program funded by the Federal Emergency Management Agency. FEMA funds the award as part of the National Earthquake Hazards Reduction Program.



Ann Marie Kammerer

The fellowship is designed to foster the participation of capable individuals in working toward the goals and practice of earthquake hazard mitigation. It provides a nine-month stipend of \$12,000, and \$8,000 for tuition, fees, and research expenses.

Kammerer was chosen from a group of eleven applicants. Applications were reviewed by James K. Wight of the University of Michigan, Saiid Saiidi of the University of Nevada, Reno, and Jonathan Stewart of the University of California, Los Angeles. Candidates came from seven different universities in California, North Carolina, Pennsylvania, and Utah. They represented structural, civil, geotechnical, and environmental engineering.

Kammerer is currently working on quantifying the deformation potential of liquefiable soils over the entire density range. Her work will constitute the first high-quality simple-shear laboratory testing performed with two-directional shear loading (3-D) conditions. Kammerer's research will provide insight into liquefaction behavior in a more robust way than in the past and will provide data for numerical model development and calibration.

According to Associate Professor Juan M. Pestana-Nascimento of UC Berkeley, Kammerer "...has the potential for becoming one of the leaders in the field of geotechnical earthquake engineering in the very near future."

News of the Institute

More Than 400 Abstracts Accepted for 7NCEE in Boston in 2002

The Technical Committee for the Seventh U.S. National Conference on Earthquake Engineering (7NCEE) announced that almost 600 abstracts have been submitted by authors interested in presenting their work at the 2002 conference. Andrei Reinhorn, Professor in the Civil Engineering Department at the University at Buffalo (SUNY), and Adam Rose, Professor and Head of the Department of Energy, Environmental and Mineral Economics at Pennsylvania State University, are co-chairs of the Technical Committee. They report that more than 400 abstracts have been provisionally accepted. Notices informing authors of decisions on their abstracts were sent during the third week of July. Final papers will be due on October 1, 2001. If you

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