News of the Membership

EERI Members Receive Honors, Awards, and Distinctions

Masanobu Shinozuka, Professor of Civil Engineering at USC, was recently awarded the JSCE International Prize for Distinguished Service and Contribution to International Exchange in Civil Engineering by the Japan Society of Civil Engineers.

Abolhassan Astaneh-Asl, Professor of Civil Engineering at UC Berkeley, has been named the winner of the T.R. Higgins Lectureship Award presented by the American Institute of Steel Construction.

M.J. Nigel Priestley, Professor of Structural Engineering at UC San Diego, was awarded the 1998 Scalzi Award by The Masonry Society.

Sharon L. Wood, Associate Professor in the Department of Civil Engineering at the University of Texas at Austin, received the 1998 Arthur J. Boase Award from the Reinforced Concrete Research Council at the American Concrete Institute's (ACI) Spring Convention in Houston in March. The award was given in recognition of her outstanding accomplishments in research, teaching and publications in the field of structural concrete.

C. Terry Dooley, Senior Vice President of Morley Builders, Santa Monica, Calif., has been elected to the grade of Fellow of the American Concrete Institute (ACI). He also received ACI's Concrete Constructor Award for his contributions to the advancement of construction techniques in seismic repair and retrofit of concrete buildings.

Learning from Earthquakes

The Hollister Earthquake of August 12, 1998

The magnitude 5.4 earthquake that struck near Hollister, California at 7:12 a.m. PST on August 12, 1998, occurred near the intersection of the San Andreas and Calaveras faults. It was the strongest earthquake in the region since the aftershocks of the 1989 Loma Prieta earthquake.

Many ground motion records were obtained almost instantaneously by the California Strong Motion Instrumentation Program (CSMIP) from 19 near-real-time stations (see the September 1998 EERI *Newsletter*). CSMIP later obtained and processed the records from analog film stations, some of which were closer to the epicenter. These analog film records contained higher recorded peak ground accelerations. At the SAGO South station, at Hollister and closest to the epicenter (6 km), accelerations of 0.093 g horizontal and 0.029 g vertical were recorded. The strongest shaking recorded was at the Gilroy #2 station, which is on alluvium 27 km from the site: 0.174 g horizontal, 0.063 g vertical.

Building structures in the affected region are small and sparse. Most structures are lightweight residential, one-story, light frame or masonry buildings. An exception is the Mission San Juan Bautista. The older portion of this building is 201 years old, constructed with adobe walls and heavy timber roofing. It is located about 16 km from the epicenter, almost directly on the San Andreas fault. The Mission suffered limited cracking in the stucco facade, especially in regions of stress concentration, such as the re-entrant corners and arches. The photograph shows cracking of the stucco around the corner pier of the entryway.

EERI Member Kurt McMullin, Assistant Professor of Civil Engineering at San Jose State University in San Jose, California, contributed the information contained in this report.

News of the Profession

Employment Opportunities

California Council of Geoscience Organizations, part-time Executive Director to build consensus with BOD and act as legislative advocate. Compensation approximately $5,000 annually. Applications due by Oct. 30, 1998 to: CCGO, Attn.: Executive Director Search Committee, 725 34th St., Sacramento, CA 95816. Info: David Ebersold, phone: 626-568-6943 or e-mail: **David.Ebersold@us.mw.com**.