

## SMIP02 Seminar Proceedings

### PREFACE

The California Strong Motion Instrumentation Program (CSMIP) in the Division of Mines and Geology (now also known as the California Geological Survey) of the California Department of Conservation established a Data Interpretation Project in 1989. Each year the CSMIP funds several data interpretation contracts for the analysis and utilization of strong-motion data. The primary objectives of the Data Interpretation Project are to further the understanding of strong ground shaking and the response of structures, and to increase the utilization of strong-motion data in improving post-earthquake response, seismic code provisions and design practices.

As part of the Data Interpretation Project, CSMIP holds annual seminars to transfer recent research findings on strong-motion data to practicing seismic design professionals, earth scientists and post-earthquake response personnel. The purpose of the annual seminar is to provide information that will be useful immediately in seismic design practice and post-earthquake response, and in the longer term, in the improvement of seismic design codes and practices. The SMIP02 Seminar is the 13th in a series of annual seminars. Last year, the SMIP01 Seminar scheduled to be held in Los Angeles on September 12, 2001 was not held due to the tragic events of September 11. However, SMIP published the proceedings for the SMIP01 Seminar and results of the two CSMIP-funded projects will be presented at the SMIP02 Seminar.

In this seminar, the sessions in the morning will focus on the ATC-54 Guidelines for Using Strong-Motion Data and ShakeMap in Post-Earthquake Response. Before the three presentations on the ATC-54 Guidelines, we have invited Dr. Wald to give an introduction on the ShakeMap. Dr. Bozorgnia will present the results from his CSMIP-funded studies on ground shaking parameters for post-earthquake applications. At the luncheon, Mr. Ellis Stanley, General Manager of the Los Angeles City Emergency Preparedness Department, is the keynote speaker.

The sessions in the afternoon will include presentations by investigators of three CSMIP-funded projects currently under way. These projects are scheduled to be completed by the end of 2002, so the investigators can only present preliminary or interim results. The final results will be presented at the next year's seminar (SMIP03) and in their final reports. In addition to CSMIP-funded projects, there will be presentations on the Internet Quick Report from the CISN Engineering Data Center and summaries of the two workshops recently held by the Consortium of Organizations for Strong-Motion Observation Systems (COSMOS).

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