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Proceedings of Fifth U.S.-Japan Workshop on the Improvement of Building Structural Design and Construction Practices

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by

APPLIED TECHNOLOGY COUNCIL
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Preface

On September 8-10, 1992, the Applied Technology Council (ATC) and Japan Structural Consultants Associations (JSCA) held their "Fifth U. S.-Japan Workshop on the Improvement of Building Structural Design and Construction Practices" in San Diego, California.

Approximately 50 structural engineering practitioners and researchers from Japan, People's Republic of China, and the United States attended. The workshop was the fifth in a series jointly sponsored by JSCA and ATC. Prior workshops were held in Hawaii (1990), Japan (1988), California (1986), and Hawaii (1984).

A consistent objective of this workshop series has been the exchange of information on structural design and construction practices, with an emphasis on seismic design. In this, the fifth joint workshop, the technical presentations and panel discussions during the first 2 days of the workshop covered the topics of:

- Performance Goals/Acceptable Damage In Seismic Design
- Seismic Design Procedures And Case Studies
- Construction Influences On Design
- Seismic Isolation, Passive Energy Dissipation

- Design Of Irregular Structures
- Seismic Evaluation, Repair And Upgrading
- Quality Control For Design And Construction

Working group discussions on the third day focused on:

- Proposed topics, location and schedule for the 6th U. S.-Japan Workshop (in this series)
- Education and Quality Control
- Practical Dynamic Analysis

ATC and JSCA appreciate the extensive efforts of the authors, the United States and Japan Steering Committees, the session chairs, recorders of the various workshop groups, Patty Christofferson of ATC, who made arrangements and coordinated workshop activities, and compiled the proceedings, and RDD Consultants, who assisted in the preparation of the paper summaries. We also acknowledge the travel support provided by the participants and their employers.

Christopher Rojahn
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