

PROCEEDINGS

INTERNATIONAL WORKSHOP ON SEISMOLOGY AND EARTHQUAKE ENGINEERING

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FOREWORDS

From April 22 to 26, 1991 a workshop was held at the National Center for Disaster Prevention (CENAPRED) in Mexico City. The workshop was co-sponsored by CENAPRED and by the European Community through its Directorate-General for Science, Research and Development.

The purpose of the workshop was to review the new developments in seismology and earthquake engineering and to identify lines of research that could incorporate these advances into rational procedures for the determination of the parameters for the earthquake resistant design of buildings.

Another important objective of the workshops was to establish long term links between the researches from EC countries and those from Mexico and other Latin American countries, and to promote future collaborative research activities.

The first part of the workshop was devoted to formal presentations by the European and Latin American experts, on topics such as prediction of ground motion parameters during earthquakes, definition of design parameters for the seismic actions, and buildings response. The presentation was divided in five technical sessions. The technical sessions were opened to general public.

The second part consisted on discussions and on the preparation of a summary report on the three main topics of the workshop, as well as on the identification of research needs and possible joint projects. This part was held at the Hacienda Cocoyoc.

The event was attended by 18 invited researchers from European countries, 8 from Mexico and 6 from other Latin American countries. About 100 persons attended the general sessions, mainly academic staff, students and professional engineers from Mexico City.

The event was very successful, not only in terms of the quality of the presentations and discussions, but mainly for ties established between European and Latin American researchers. Several joint research projects have already started between participants from the two geographic areas.

CENAPRED publishes these proceedings of the workshop, aiming at the dissemination of the written contributions to a wider public concerned with the seismic safety of buildings.

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Organizers and Editors