



NEHRP Consultants Joint Venture



REQUEST FOR INFORMATION ON 2010 CHILE EARTHQUAKE

The NEHRP Consultants Joint Venture, a partnership of the Applied Technology Council (ATC) and the Consortium of Universities for Research in Earthquake Engineering (CUREE), is developing a data repository to document and publish information collected after the 2010 Maule Earthquake in Chile for the National Institute of Standards (NIST). This work is being led by Purdue University. The effort has two objectives:

1. document, preserve, and disseminate valuable data pertaining to affected engineered structures with properties similar to those of structures in the U.S.
2. develop a framework that can be used to document key information about the structural response of building structures to future earthquakes.

The data repository will also serve as a prototype for NIST's recently initiated multi-year project to create a digital archive of data related to natural and man-made disasters as well as failure studies. This initiative promises to significantly improve the ways in which engineers help communities to prepare against disasters and structural failures. The availability of systematically organized field data would enable better procedures to vet design and evaluation tools, providing structural performance data with less stringent limitations about scale and applicability than data obtained through experimental and numerical simulations.

We have been informed of your commendable efforts to collect information from the 2010 Maule Earthquake and would like to ask you to consider contributing information to the data repository for the 2010 Maule Earthquake. All the information you provide shall be credited appropriately. We are interested in photographs, drawings, or sketches of buildings, building coordinates, information on soils at building sites, information on ground motion, annotations on damage level, as well as other information that may benefit our effort. The profession would gain much from your contribution.

Should you be interested in contributing to the database to benefit our profession, please contact me and we will provide you with a set of instructions to facilitate the data transfer.

We look forward to your response.

Sincerely,

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