

Breakout Session 3: Japan Earthquake 1

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The quality and volume of
the data that have been
produced by these
earthquakes have made it
clear that ...

the advancement of the
earthquake engineering
profession can be greatly
accelerated by the creation
of a: ...

Modular
International
Interdisciplinary Digital Data
Center

MIIDD PACIFIC CENTER

which will require cooperative efforts from research communities in Japan, U.S., New Zealand, and other interested countries, to generate a long-term research program focused on the development of a robust digital platform capable of

- handling numerical / simulation models (with descriptions of parameter-selection processes)
- supporting an evolving taxonomy
- allowing for modular construction
- storing images and video, as well as qualitative data
- supporting image recognition (similar to OCR)
- adapting rapidly to meet changing user requirements

- allowing for simple transfer to (other platforms) to ensure longevity
- supporting quick searches across all types of data
- accommodating for needs of all relevant disciplines
- generating academic recognition (citations)
- accommodating for legal requirements / limitations
- supporting crowd sourcing
- offering automated translation (language and units)