

Disaster Management and Emergency Services Workshop

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Paper title: California Earthquake Clearinghouse Reconnaissance Response

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How can new technologies and approaches improve outcomes, reduce costs and/or improve response times for an emergency? The mission of the California Post Earthquake Information Clearinghouse, a State of California disaster response activity, is to facilitate the gathering and dissemination of time sensitive and perishable post-earthquake geophysical and engineering field data using the talents of scientists, engineers, sociologists, economists, and other professionals (crowdsourcing) who arrive in the impacted area following a major earthquake. The Clearinghouse Overflight Subcommittee is responsible for coordinating remote sensing resources to support the Clearinghouse geospatial data collection process. As a virtual organization the Clearinghouse has limited resources and must depend on state-of-the art technologies for effective operations. The Clearinghouse must be able to begin operations from a "standing start". to accomplish this the Clearinghouse needs a cadre of technologists that are familiar with the Clearinghouse mission, data and information requirements. (<http://www.eqclearinghouse.org>)

If you were offered 10-15 minutes to give a short talk, what would it be?

Another view of Disaster Response: How the California Post Earthquake Information Clearinghouse Overflight Sub-Committee is developing earthquake reconnaissance technologies to support the response of the geo-science and structural engineering communities.

What are the most pressing business, process, organization and technical issues? Limited funding, virtual staffing and supporting organizations spread across the state and across several California State and Federal agencies.

What is the role of university research in this area? University researchers can provide capabilities for rapid prototyping that could lead to operational program funding and sustained development.

Do you want to propose and help run a new breakout group? No, thank you.

What is the most important action the DMI can take? The CMU DMI needs to address the complete disaster management mission space: Preparedness, Mitigation, Response and Recovery. For example, it is well documented that the most effective way to save lives and reduce the economic loss from disasters is through investments in Mitigation and Preparedness.