

Crowdsourcing & Citizen Science as Force Multipliers for Emergency Management



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Dr. Sophia B. Liu is an Innovation Specialist at the U.S. Geological Survey (USGS) Science and Decisions Center specializing in participatory science and

innovation. Dr. Liu is also the Co-Chair of the Federal Community of Practice for Crowdsourcing and Citizen Science (CCS) as well as the CCS Coordinator for USGS and the Department of Interior. Dr. Liu received a USGS Mendenhall Postdoctoral Fellowship, where she worked at the USGS National Earthquake Information Center on the Tweet Earthquake Dispatch project in Colorado, the USGS St. Petersburg Coastal Marine Science Center on the “iCoast—Did the Coast Change?” project in Florida, and the USGS National Center on civic hacking visualization projects.

Dr. Liu was also awarded a National Science Foundation Graduate Research Fellowship in 2006 conducting research on social media use in disasters. She received her Ph.D. at the University of Colorado, Boulder in an interdisciplinary program called Technology, Media, and Society. She received a B.A. at University of California, Irvine in Social Science with a minor in Information & Computer Science and in Digital Arts.