

## Social Vulnerability Mapping: Approaches, Problems, and Recent Advances

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Traditionally vulnerability analysis combined information on the potential physical properties and extent of various hazards, such as extreme wind, flooding, and surge, with the data on the spatial distribution and nature of the built environment and population to assess a community's vulnerability to various natural disasters. The emergence of social vulnerability perspectives in hazard science has resulted in an increasing call for the inclusion of social as well as physical vulnerability assessments when undertaking community vulnerability analysis. Social vulnerability mapping is a critical element in these types of analysis. This presentation will review the basic logic and approaches to social vulnerability mapping. Problems and issues related to unit of analysis, data quality, and spatial resolution will be addressed. Recent advances and approaches for addressing data quality and spatial resolution will also be discussed.

> This seminar will be webcast live at: http://ucarconnect.ucar.edu/live

*Recorded seminar link can be viewed here: https://www.mmm.ucar.edu/events/seminars* 

Thursday, 23 March 2017, 3:30 PM Refreshments 3:15 PM NCAR-Foothills Laboratory 3450 Mitchell Lane Bldg. 2, Main Auditorium, Room 1022



