



TRACIE

HEALTHCARE EMERGENCY PREPAREDNESS
INFORMATION GATEWAY

Disaster Research and Modeling
Topic Collection
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Topic Collection: Disaster Research and Modeling

Public health emergencies have challenged the preparedness and response capacities of hospitals, public health agencies, and healthcare facilities. It is important for these organizations to conduct research on disasters that may affect their region. This may include collecting data, obtaining consent, and conducting modeling strategies. This Topic Collection can help healthcare planners both prepare for and respond to public health emergencies by providing resources related to disaster research and modeling.

This ASPR TRACIE Topic Collection is in development and will be comprehensively reviewed in the fall of 2015. If you have resources to recommend for inclusion in this Topic Collection, specifically illustrative examples, plans, tools or templates, please email your recommendations to askasprtracie@hhs.gov.

Lurie, N., Manolio, T., Patterson, A., et al. (2013). [Research as Part of Public Health Emergency Response](#). The New England Journal of Medicine. 368:1251-1255.

The authors examine recent public health emergencies and share challenges associated with gathering data and conducting research. They emphasize how important the knowledge that is gathered through robust research before, during, and after an emergency is to disaster preparedness and response.

Reeve, M., Wizemann, T., and Altevogt, B. (2015). [Enabling Rapid and Sustainable Public Health Research during Disasters: Summary of a Joint Workshop by the Institute of Medicine and the U.S. Department of Health and Human Services](#). Institute of Medicine and U.S. Department of Health and Human Services.

This workshop summary provides a number of perspectives on opportunities and difficulties with conducting disaster research including consent, data collection, privacy, and inter-agency issues.