



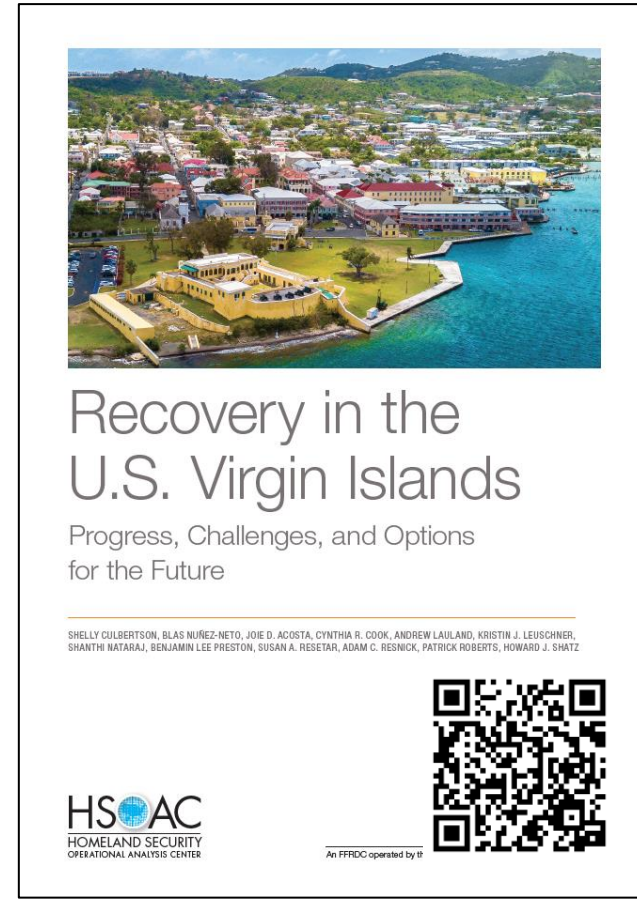
RAND's Disaster Management & Resilience Program

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EXAMPLES OF OUR WORK

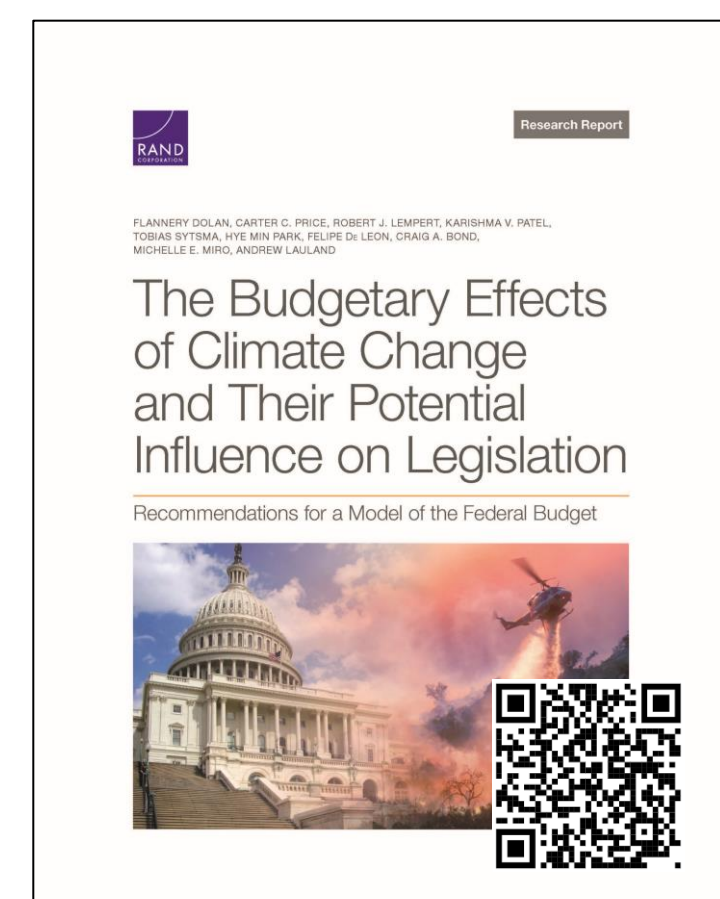
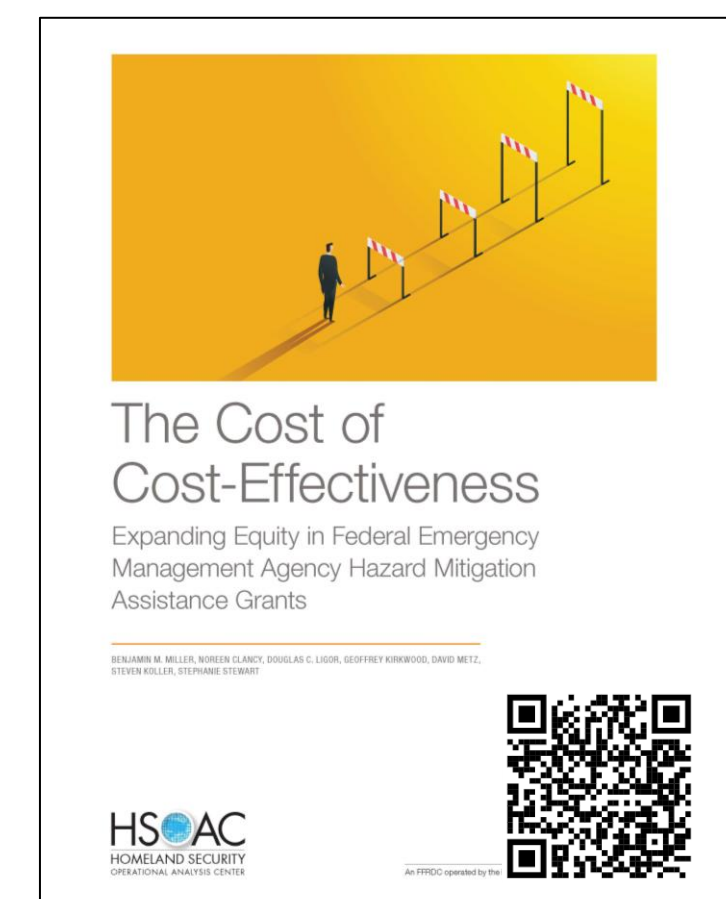
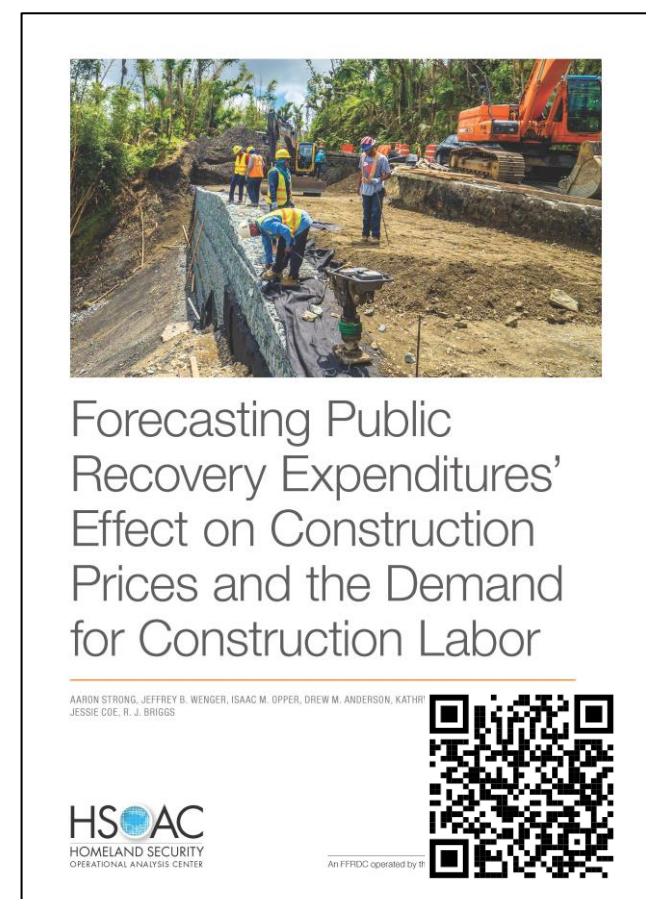
Disaster Preparedness Planning and Recovery Strategy

RAND's work directly supports decisionmakers in developing actionable planning and policy for disaster response and recovery.



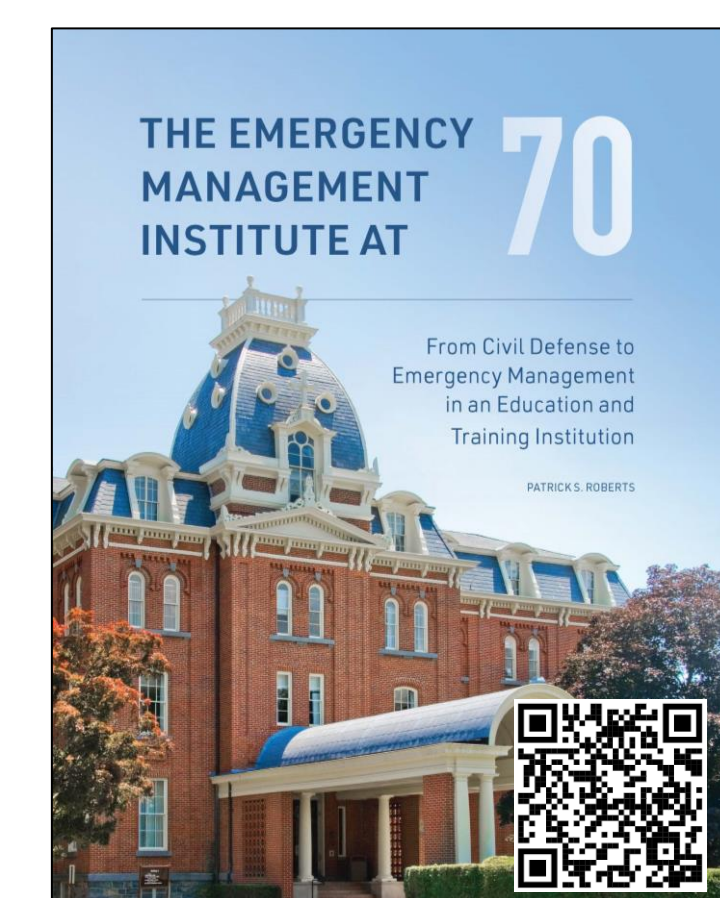
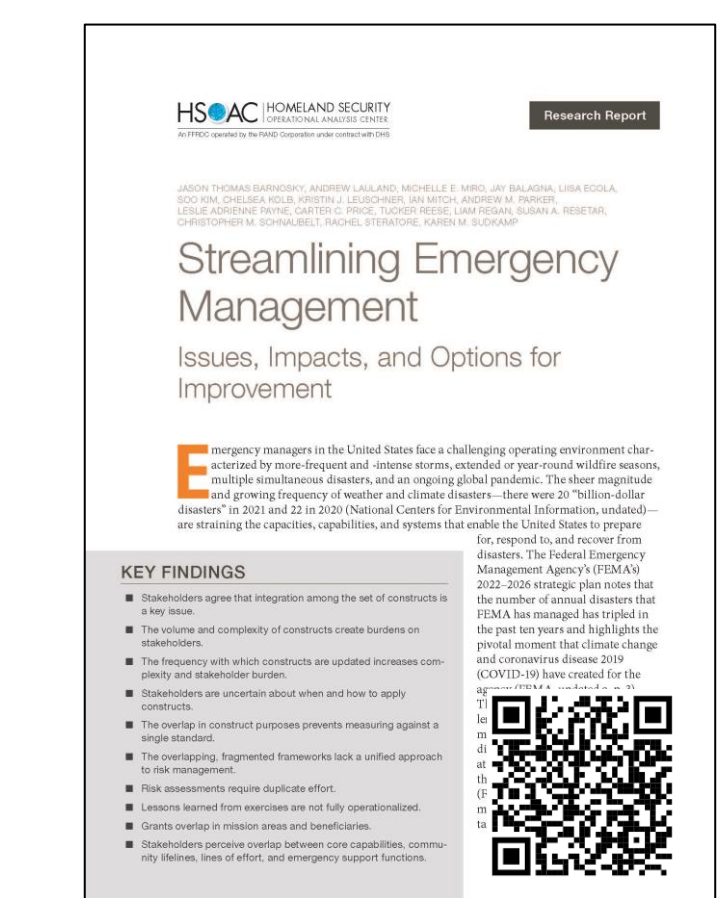
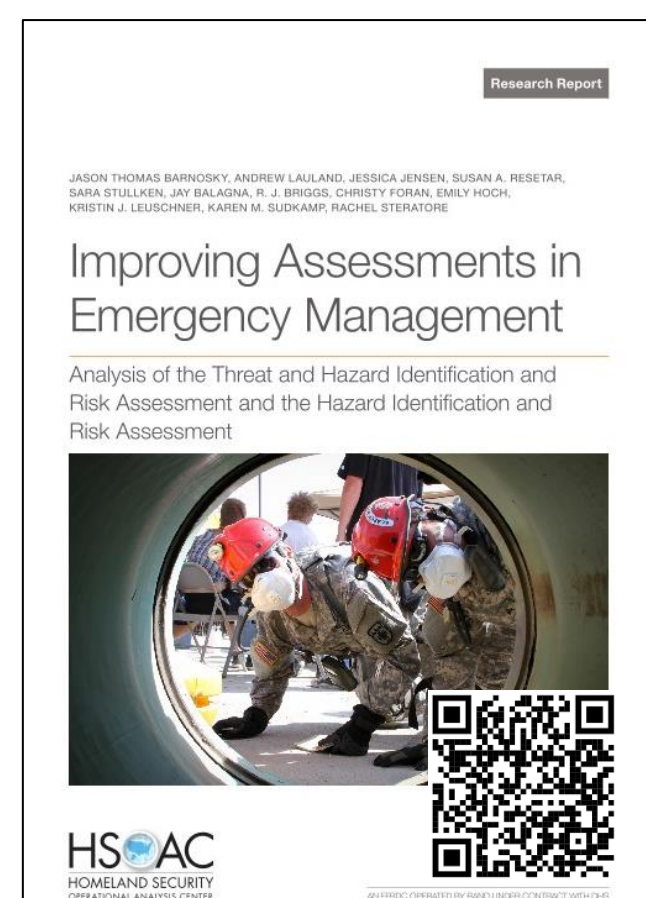
Assessing the Economics of Disaster

Drawing on decades of RAND economic expertise, our researchers conduct forecast analysis and modeling of recovery-related price changes over time. We also provide analysis on the cost-effectiveness of program and investment decisions and cost-benefit analysis of recovery-related programs and policies.



Supporting Resilience

RAND's research supports local, state, and regional governments, institutions, and communities in developing a clear vision of their risks, goals, and opportunities for building community resilience.



THE CHALLENGE

The United States experienced over 20 "billion-dollar" disasters in 2023. But costs are just one of the many problems that face communities reeling from wildfires, severe storms, droughts, and other serious incidents. As the United States faces larger disasters more frequently, it is becoming increasingly important to understanding the best ways to prepare for, respond to, recover from, and mitigate the effects of these events.

WHAT WE DO

RAND's Disaster Management and Resilience (DMR) program assists the Department of Homeland Security and the broader emergency management community in identifying strategies to mitigate, plan for, respond to, and recover from natural disasters, hazards, and catastrophic incidents.

DMR brings RAND's thought leadership to bear on a broad array of natural disasters such as fires, hurricanes, tornadoes, earthquakes, and pandemics. Our researchers include former senior government officials with extensive practical knowledge of public sector programs and challenges and nationally recognized experts across multiple fields, including:

- Recovery planning and implementation
- Program assessment and process improvement
- Flood insurance
- Disaster cost analysis and evaluation
- Mitigating the effects of disasters
- Risk assessment
- Grant program analysis and support
- Emergency management training and education
- Equity in disaster preparedness, mitigation, response, and recovery
- Change management and workforce planning

ON THE HORIZON

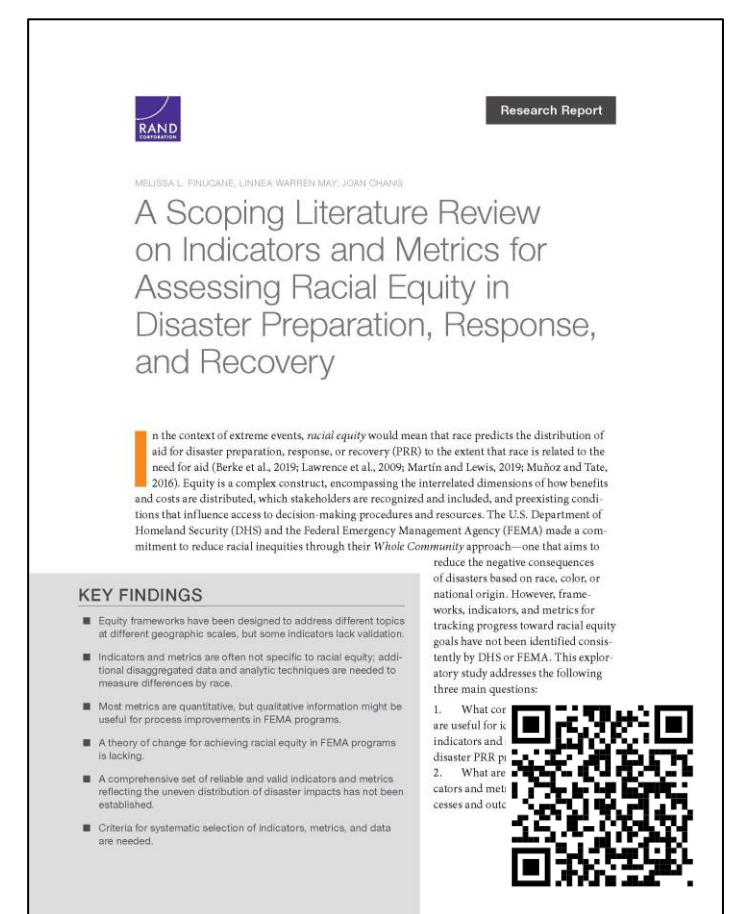
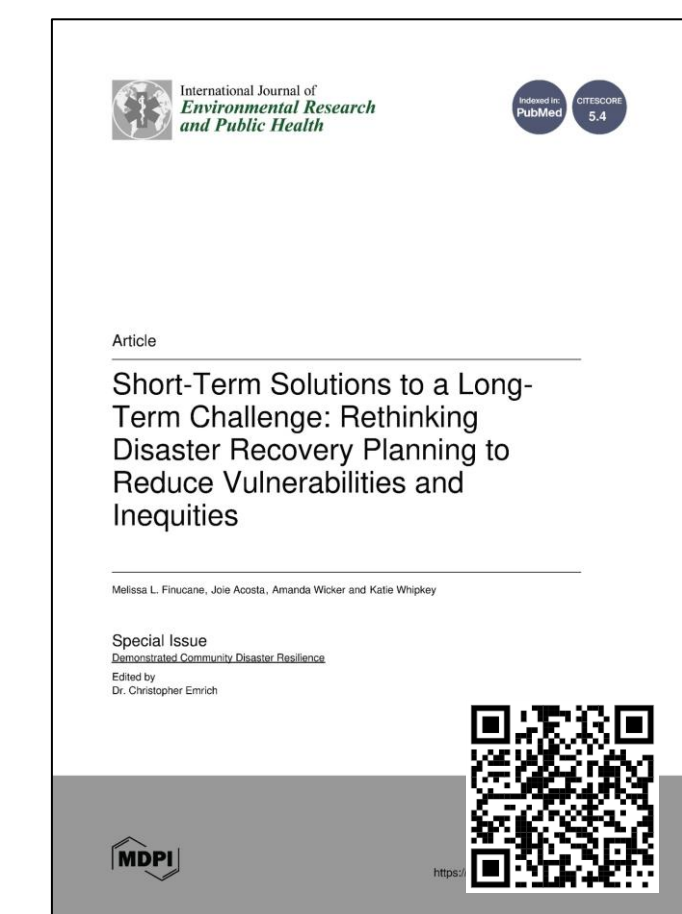
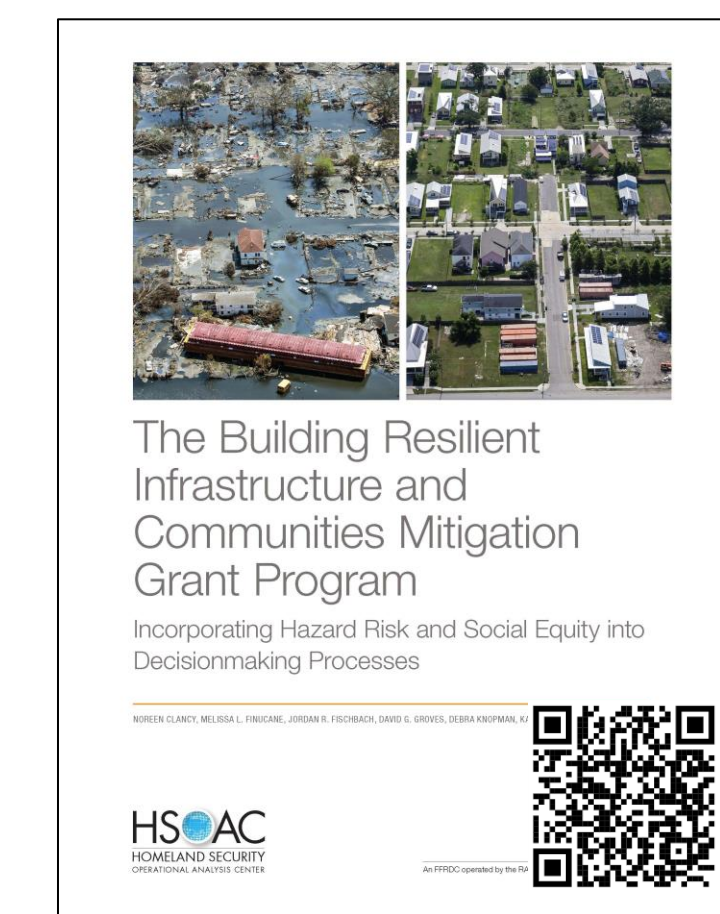
As we look toward the future, DMR expects to contribute meaningfully to increasing understanding about:

- Changing risks and hazards
- Climate change and disasters
- Innovation in preparedness
- Efficiency and effectiveness
- Equity in the emergency management enterprise
- The emergency management workforce of the future

EXAMPLES OF OUR WORK

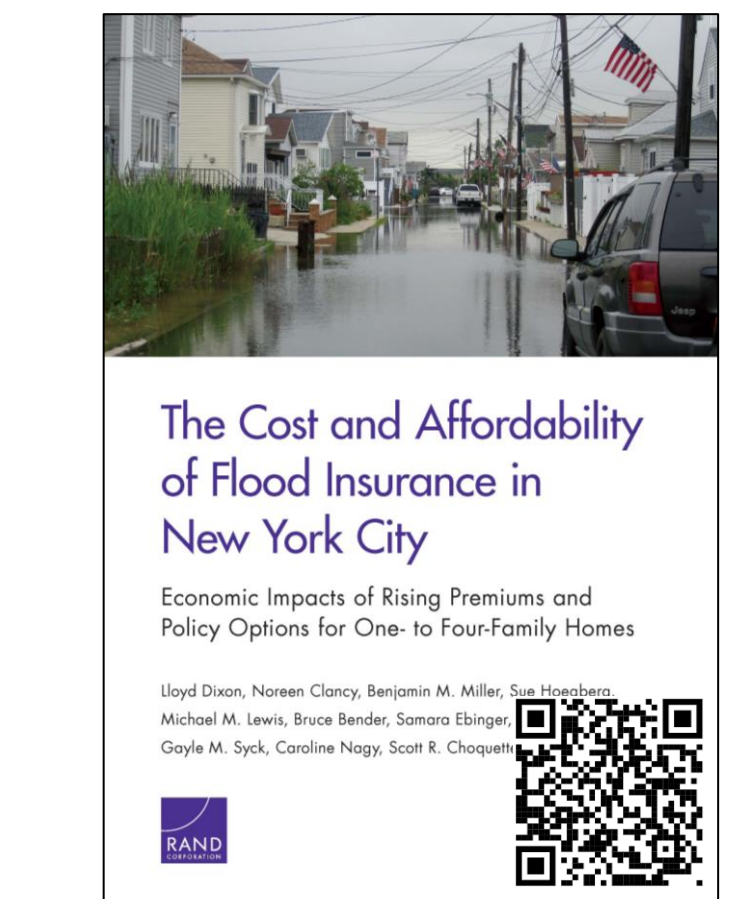
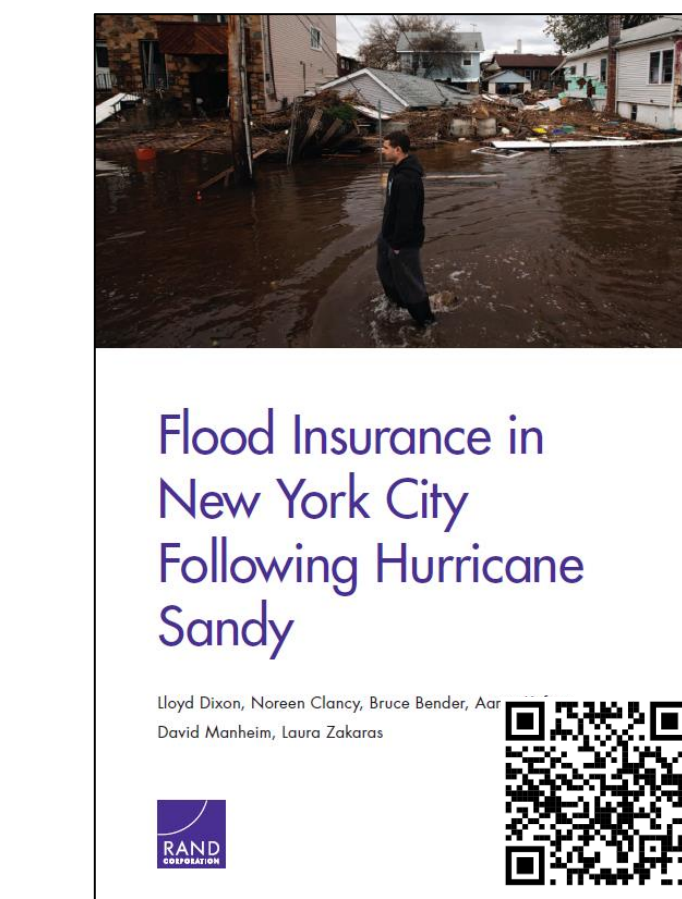
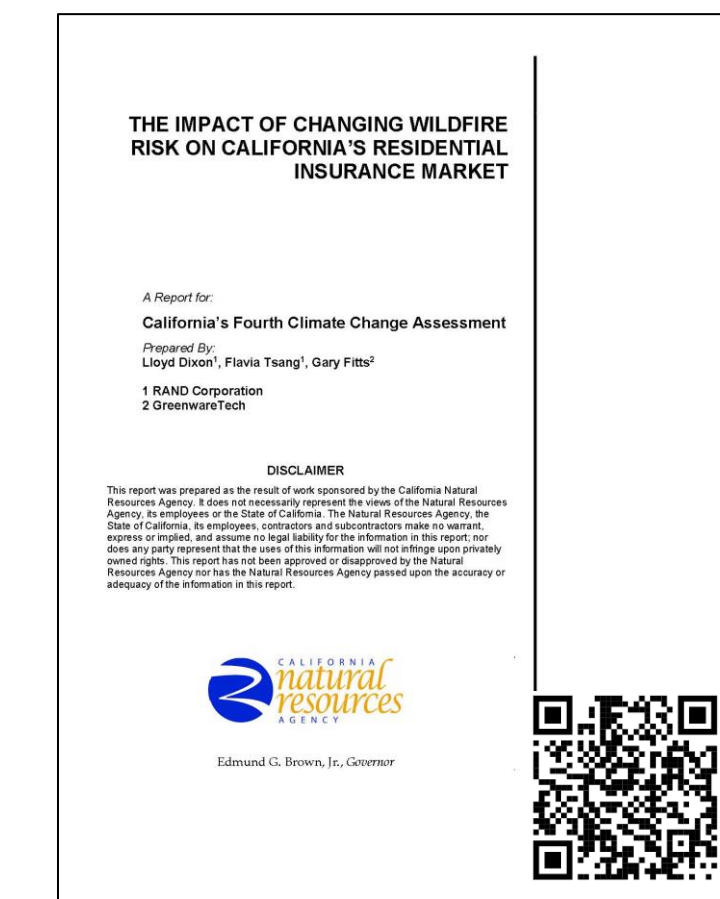
Incorporating Equity Considerations into Disaster Response and Recovery

Disasters do not affect all people equally and can often exacerbate preexisting social and economic inequities. RAND researchers have been helping FEMA and others consider the resources that underserved populations need—but often lack—to undertake extensive disaster planning, mitigation, and rebuilding efforts.



The Cost of Insurance

RAND researchers have been exploring how changes in natural disaster risk are affecting insurance markets.



Tools

RAND develops and applies new and innovative tools and methods to address tough questions and to increase efficiency in data analysis that is vital to effective predisaster and postdisaster operations.

