



Data that Drives Mitigation, Adaptation, and Resilience

Federal, state and local governments are facing growing pressure to protect communities at a time when disasters are increasing in frequency and severity.

To maximize the effectiveness of planning, mitigation and resiliency capabilities within limited budgets high-resolution risk data on both hazard and impact is vital.

Harnessing Data to Expedite Action

From earthquakes, hurricanes, and floods to terrorism and infectious diseases, RMS helps governments and agencies understand, quantify, and manage risk before, during and after disaster strikes.

We combine models, technology, and cutting-edge science to help officials better understand and manage hazards and impacts, boosting their ability to ensure the well-being of the public they serve.

That data clarity, is helping governments focus their investments and write smarter grant applications — yielding robust mitigation plans and, ultimately, more resilient communities.

Science-Informed Decision Making

RMS is the world’s leading hazard and disaster risk modeling company.

Built upon 30 years of catastrophe analysis, our risk models use millions of data points that reflect localized hazard variations and capture both property and human exposures characteristics to understand event impact in detail.

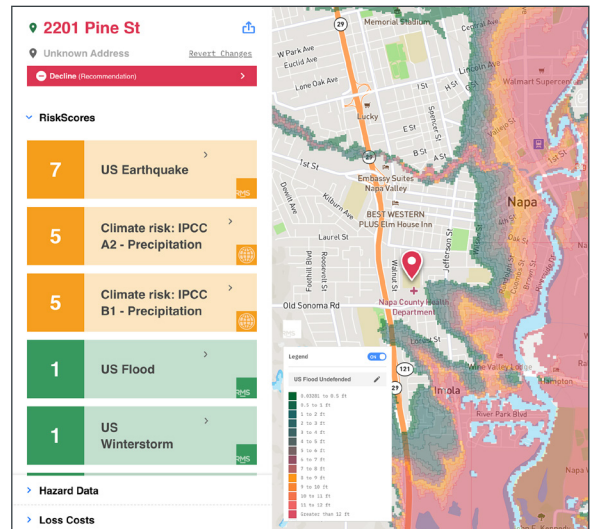
That data insight means that for over 400 institutions, corporations and government agencies around the world, our models represent the most trusted scientific view of catastrophe risk.

Mutli-Peril Data

RMS models span multiple perils

- Earthquake
- Hurricane
- Hail
- Storm Surge
- Flood
- Winterstorm
- Wildfire
- Tornado
- Terrorism
- Non-hurricane Wind
- Cyber
- Pandemic

Instantaneous access to RMS risk information for any location across multiple hazards



How RMS Delivers

Communities are too often 'hazard' focused – yet when disaster strikes, it is impact that matters. Three feet of flood water might cause minor inconvenience or weeks of disruption. A Mw6.0 earthquake might wake the neighborhood or destroy weak building stock.

RMS helps governments and agencies identify and prioritize hazards through a better understanding of the direct impact on regions and communities.



Forward-looking hazard probabilities

Our modeling capabilities ensure planning is based on preparing for likely future events as well as providing critical lessons from past events



Impact awareness

Impact analysis reveals the consequences of each event and not just the hazard, enabling prioritization of investment based on those resilience measures most likely to have the greatest impact



Report-ready datasets

Easily consumable datasets and/or GIS shapefiles which can be used in Hazard Mitigation Plans, Local Mitigation Strategies, THIRAs/HIRAs, and Resiliency planning reports



Quantify community disruption

Using relevant metrics to quantify the impact of hazards on communities, including loss of life, casualties, extent and duration of business disruption and financial impact



Cost/benefit analyses

Conducting detailed cost/benefit analyses on resilience investment decisions based on location-specific analyses, which can support grant application processes



Data-driven response exercises

Stress-testing emergency response procedures and scenarios with detailed data on buildings destroyed, critical infrastructure lost, and other key metrics for a range of feasible scenarios



Boosting community-level resilience

With access to high-resolution, location-specific information, our data informs strategy and investment decisions that enable a community to 'build smarter'

To learn more about how RMS can support your work to build more resilient communities, contact:

PublicSector@rms.com
www.rms.com

About RMS

RMS is the world's leading catastrophe risk modeling company. Insurers, reinsurers, trading companies, and public sector and financial organizations trust RMS solutions to help them better understand and manage the risks of natural and human-made catastrophes.

