



# Disaster Response Coordination System (DRCS)

## MISSION

NASA's Disaster Response Coordination System (DRCS) uses the power of NASA's science, technology, and expertise to bring insight and foresight to the responder community. The DRCS supports the reduction of disaster impacts worldwide to lives and livelihoods through timely, actionable, and accurate information.

## PURPOSE

- Advance disaster data and information for supporting disaster response needs.
- Build skilled and effective response communities through improved coordination, engagement, and learning.
- Reduce impact on lives and livelihoods by empowering communities to more effectively respond to disasters.

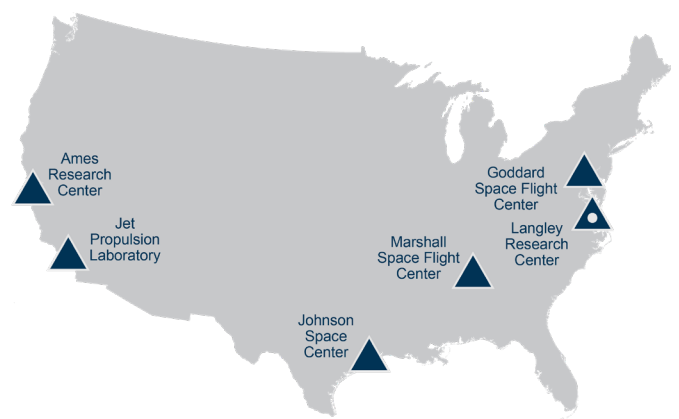


## ABOUT THE DISASTER RESPONSE COORDINATION SYSTEM

The DRCS is a core element of the Disasters Program within NASA's Earth Science Division. The DRCS leverages the most advanced Earth observing system and geospatial technologies in the world to provide trusted, actionable science that bolster more efficient and effective disaster responses with global reach and local impact.

The system fosters integrated relationships with disaster science and technology initiatives, tapping into the agency's end-to-end Earth science capabilities and unifying disaster science expertise across NASA centers. The DRCS also facilitates proactive engagement across global agencies and local communities by prioritizing human-centered responses and external collaboration. This dual focus on active disaster assistance and two-way learning before incidents enables response organizations to effectively integrate NASA data into their operations, enhancing disaster resilience worldwide.

The system's structure includes a central project office at NASA's Langley Research Center and Center Response Coordinators across six NASA centers, ensuring robust representation and use of NASA's collective capabilities. This whole-of-NASA approach supports streamlined data-driven decision-making and operational efficacy during crises to aid agencies and organizations tasked with operational disaster preparedness and response.



Learn more and connect:  
[disasters.nasa.gov/response](https://disasters.nasa.gov/response)



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# NASA Disasters Program

## *Advancing Science for Disaster Resilience*

The NASA Disasters Program advances science and builds tools to help communities make informed decisions for disaster planning. Before, during, and after disasters strike, the Disasters Program provides partners with actionable data to recover from disaster impacts and build resilient communities.

By developing free and accessible resources that use Earth observation data to reveal new perspectives on disaster risk, the Disasters Program uses NASA's capabilities and expertise to put Earth science into action, responding boldly and proactively to the growing threats of climate change and extreme events.



### Disaster Science to Action

The Disasters Program funds projects that advance the use of Earth observations to support decisions across the disaster cycle. These projects develop tools that combine data on hazards, vulnerability and exposure to reduce risk for disaster-stricken communities. Each project builds bridges between organizations, scales efforts to use Earth science to solve real-world challenges, and puts people at the center of their work.

### Disaster Response Coordination System

The NASA Disaster Response Coordination System (DRCS) is a whole-of-NASA approach that leverages Earth science, technology, and expertise to provide trusted and actionable information to organizations actively responding to disasters. The DRCS works with government agencies, NGOs and private sector partners to provide insights that inform decision-making and reduce impacts on lives and livelihoods.

### Disaster Partnership and Learning

Through coordination, engagement, and learning, the Disasters Program contributes to the global disaster management community and works to identify the social, environmental, and economic concerns common to people around the world. The free and openly accessible Disasters geospatial portal enables collaboration among scientists, data producers, and partners, providing shared awareness and deep insights into disaster risk.

