

The AmeriGEOSS Disaster Resilience Working Group: NASA's Role

Presentation to UN-GGIM Americas Summit

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AmeriGEOSS Initiative

- 16 Americas Caucus Member countries:

- Argentina
- Bahamas
- Belize
- Brazil
- Canada
- Chile
- Colombia
- Costa Rica
- Ecuador
- Honduras
- Mexico
- Panama
- Paraguay
- Peru
- United States
- Uruguay



- Observers:

- Bolivia and Guatemala

AmeriGEOSS Initiative

Priority Areas



• **Food security and sustainable agriculture** - Agriculture, associated with climate variability, climate change, and food security.



• **Disaster resilience** - Disaster risk reduction, particularly for data exchange associated with early warnings, and for the generation of regional products of early warnings.



• **Water resource management** - Associated with the management approach of water resources and data management and services.



• **Biodiversity and ecosystem sustainability** - In the context of capacity building for better monitoring, management, and maintenance of ecosystems and biodiversity they support; and to predict future changes.

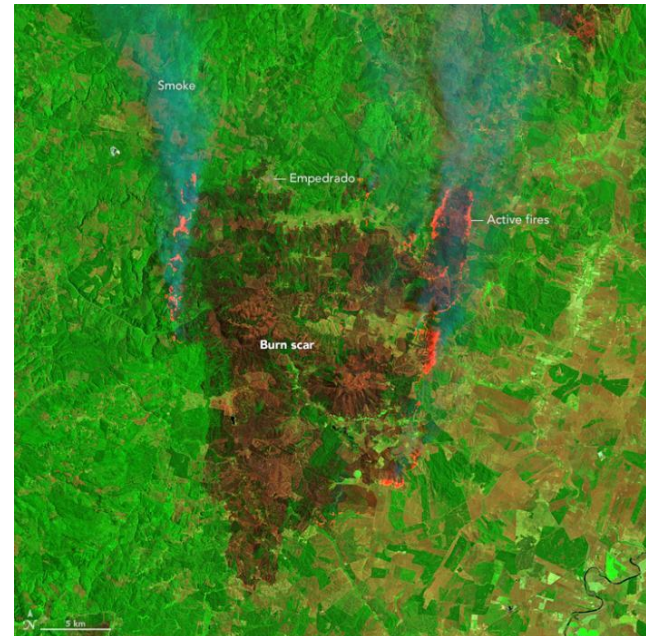
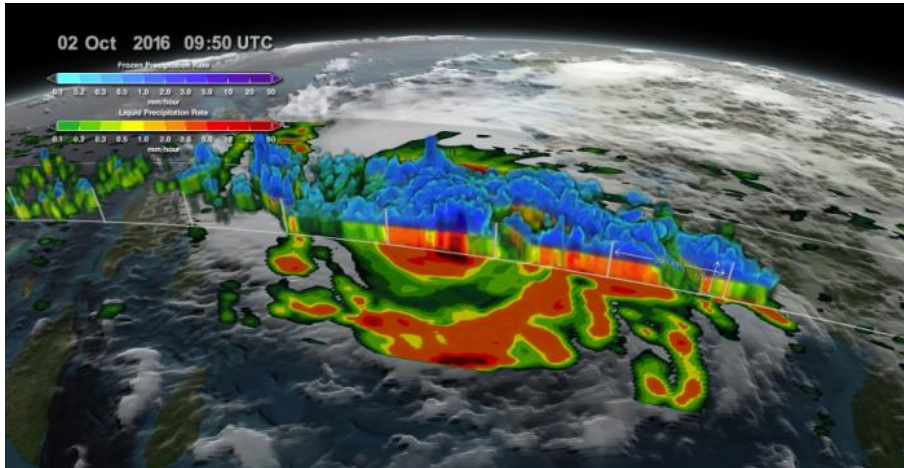


• **Foundational activities** – Data systems infrastructure and capacity building.



Disaster Resilience WG

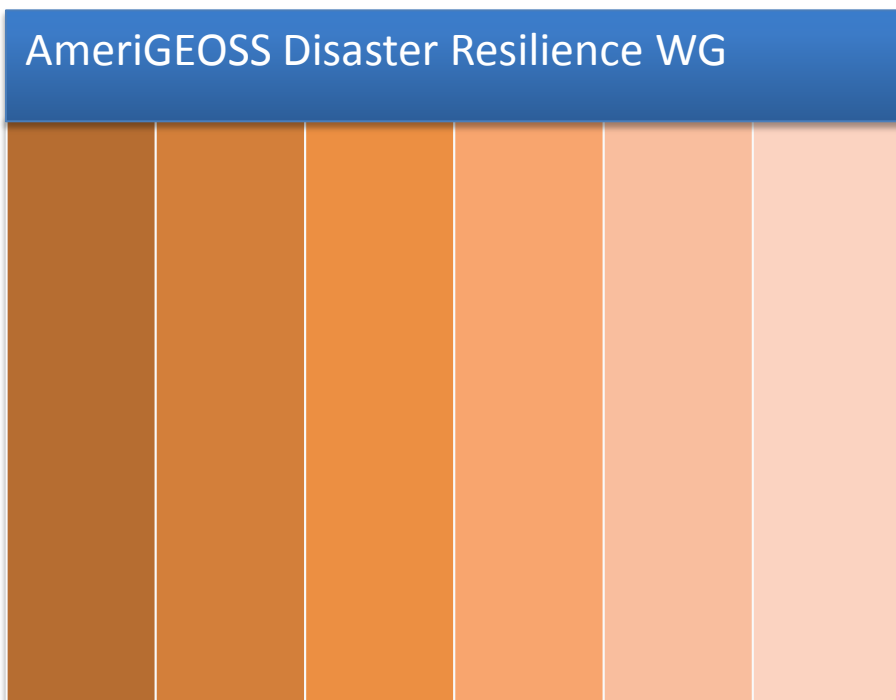
NASA Participation





Disaster Resilience WG

Crossing the Stovepipes
Enabling Human Interoperability



- CEOS
- Int'l Charter
- SDI 1
- IDE 1
- SDI 2
- IDE 2



Disaster Resilience WG

Progress & Plans

Past

- Ad hoc working group formed in 2016 with members from Argentina, Brazil, Chile, Columbia, Ecuador, United States, and Costa Rica
- Disasters Training Workshop in parallel with Americas Caucus meeting in Bogota, June 2016
- Project Manager Training for the International Charter, Space and Major Disasters, Bogota, July 2016
- UNISDR Fifth Regional Platform on Disaster Risk Reduction, Montreal, February 2017



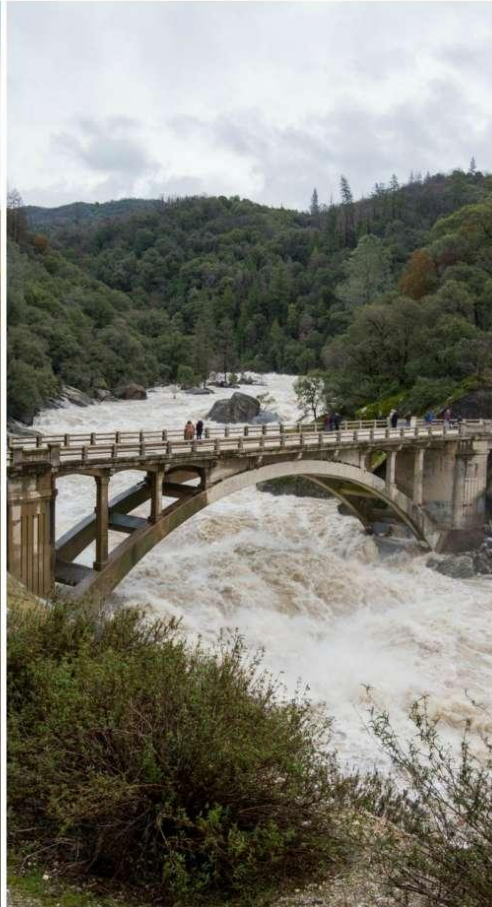
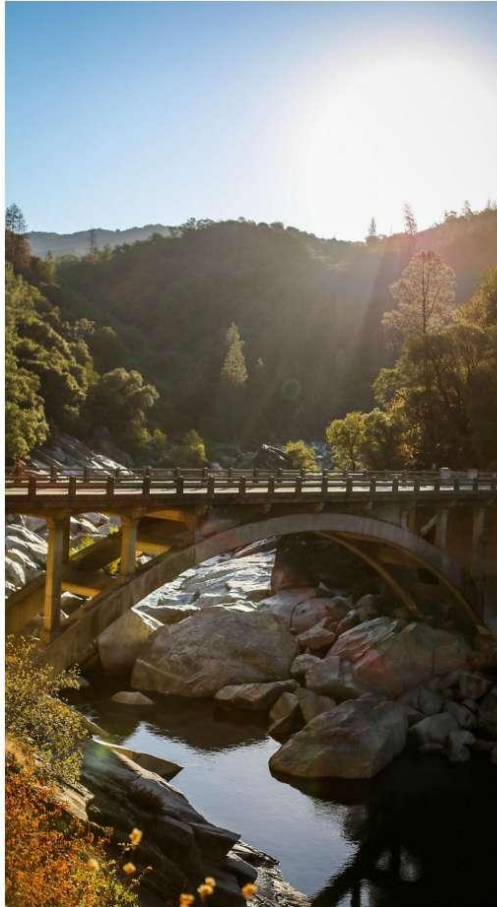
Disaster Resilience WG

Progress & Plans

Future

- Seminar on Geospatial Information for the Social, Environmental and Economic Development of the Countries of the Americas and the Caribbean, Santiago, April 2017
- 2017 Global Platform Disaster Risk Reduction, Cancun, May 2017
- Help formulate and conduct a multi-country joint exercise to identify strengths and weaknesses of disaster response mutual aid mechanisms, Spring and Summer 2017
- Joint summit of the Committee on Earth Observation Satellites (CEOS) Working Group on Disasters, AmeriGEOSS Disaster Resilience Working Group, Global Flood Partnership, GEO-DARMA and others, Buenos Aires, September 2017

Personal note, California, January 2017



1.75 Meters rain in 3 weeks

Thank You

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