

OPERA

Observational Products for End-Users from Remote Sensing Analysis

Fifth OPERA Workshop

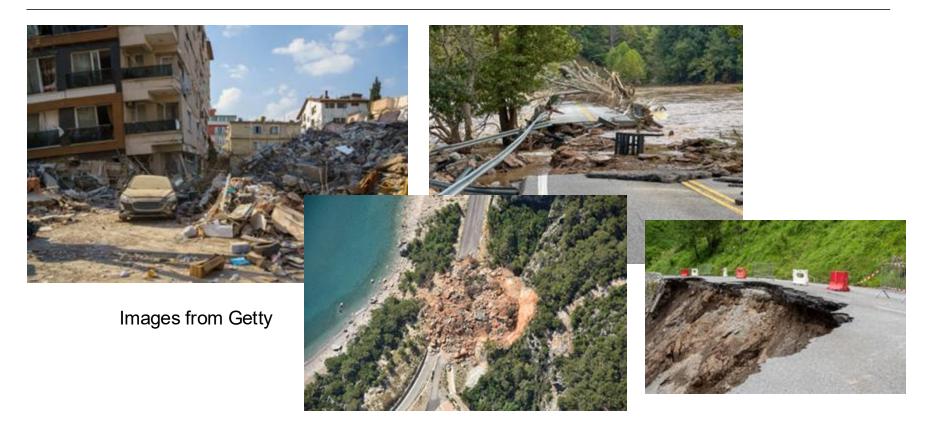
September 11, 2025

Welcome from NASA HQ

Natasha Sadoff, Satellite Needs Program Manager NASA Earth Science Division

In this era of change and uncertainty...





...we need actionable Earth science data.









Virtuous Cycle

. User needs inform next iteration of programs. missions and initiatives

Public Understanding & Exchange

- · Put more scientific understanding into public sphere
- · Deliver applied science to users
- · Participate in multi-way info exchange · Use input to inform subsequent work

Solutions & Societal Value

- · Offer models, scientific findings and info through Open-Source Science principles
- · Support climate services
- · Provide science applications and tools to inform decisions

Earth System Science & Applied Research

- · Grow scientific understanding of Earth's systems
- · Develop predictive modeling for science applications and tools to mitigate, adapt and respond to climate change

Foundational Knowledge.

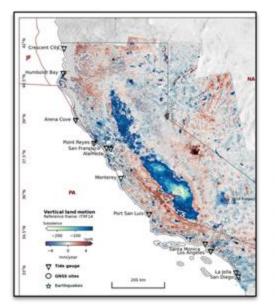
Technology, Missions & Data

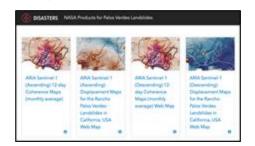
- · Technology innovation
- · Earth observations missions
- · Data collected from space, air and ground

Enter, OPERA!

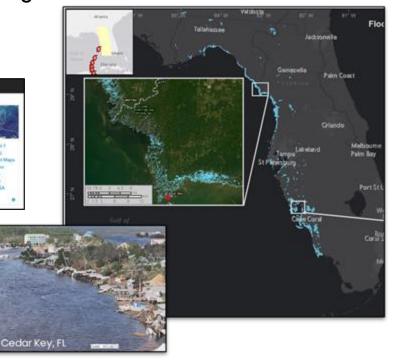


We've seen the tremendous reach that OPERA is having in the community across thematic areas (water resources, disasters management, agriculture) and users (state, local, federal, private).









But we're still at a critical time.



Budgets are evolving so resources are limited. OPERA is also nearing the end of its planned SNWG-funding lifecycle.

As we move forward, **OPERA and NASA leadership need your input** as we prioritize and consider what may come next.

Please share, please stay involved!

- Have the OPERA suite of products benefited your organization?
- Where are OPERA products critical for your workflows and workforce?
- Have you been in contact with the OPERA team about any benefits for your work?
- What support do you need from the OPERA team?



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Thank you for your interest and involvement in OPERA! Please stay in touch.