



National Aeronautics and
Space Administration

NASA Ocean Physics 2025-2026

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NASA Science Mission Directorate, Earth Science

Ocean Salinity Science and Technology · May 18-21, 2026



TYPE

TARGET

STATUS

LAUNCH DATE

Orbiter

Earth

Current

Nov. 16, 2025

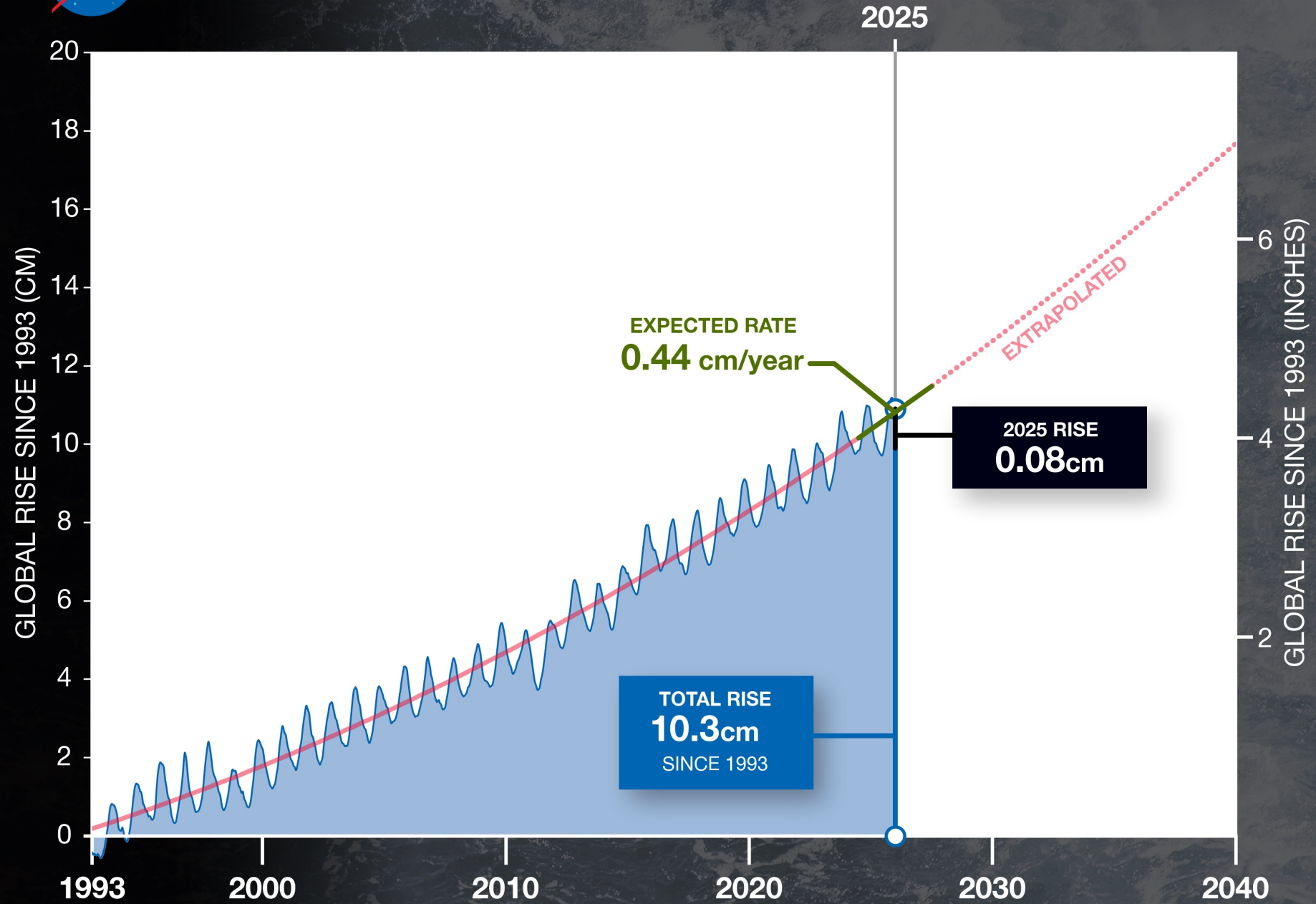
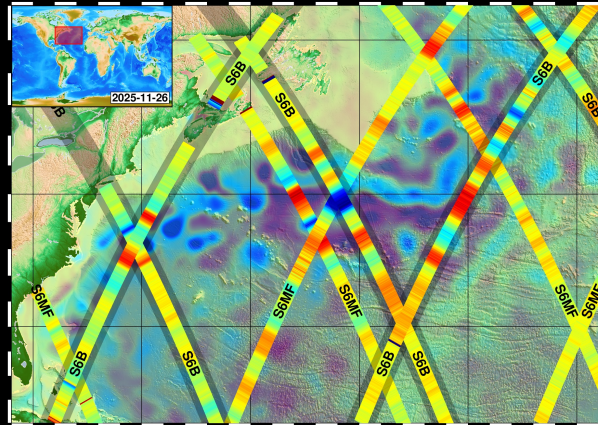
Sentinel-6B

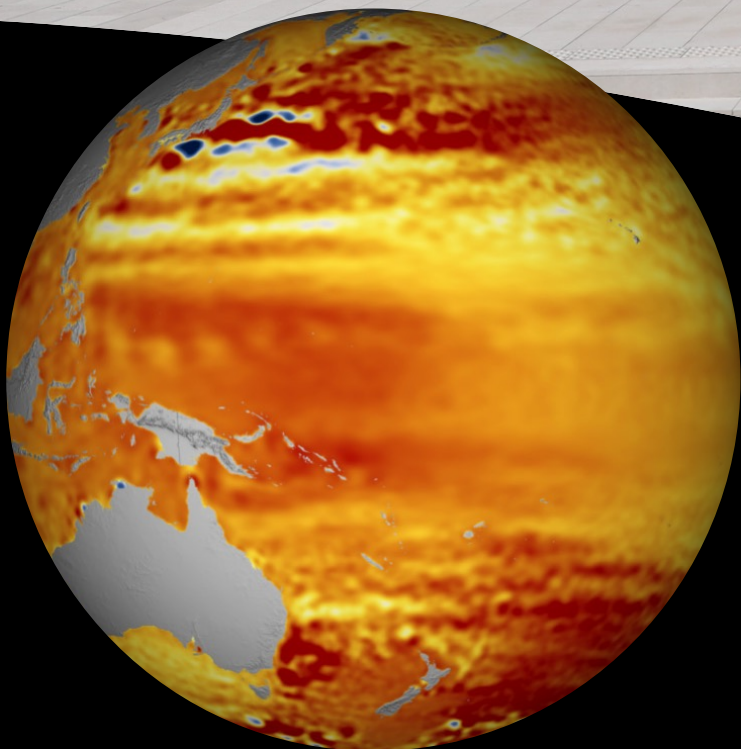






Satellite Record of Sea Level Rise





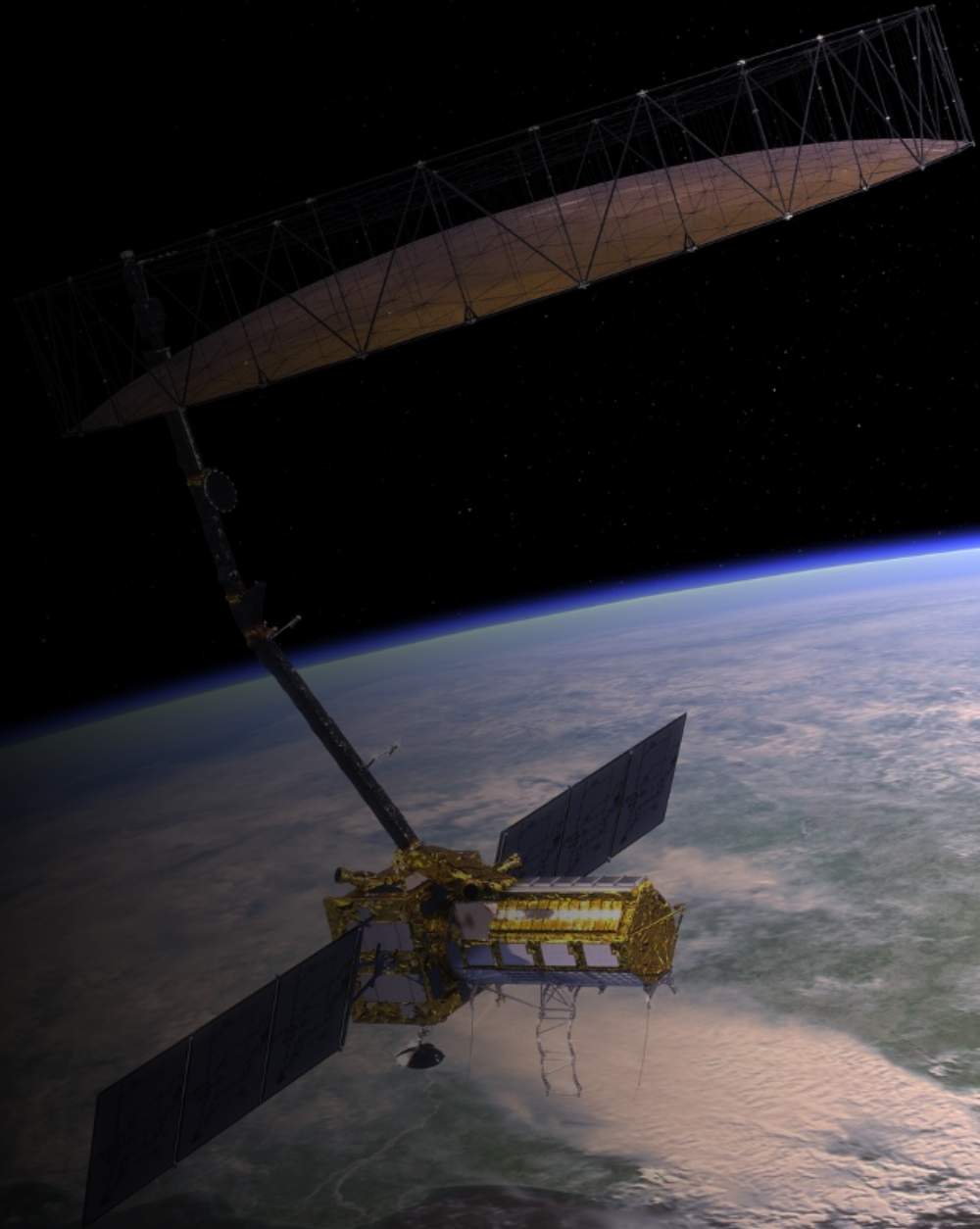
(New) Ocean Surface Topography / Sentinel-6 Team

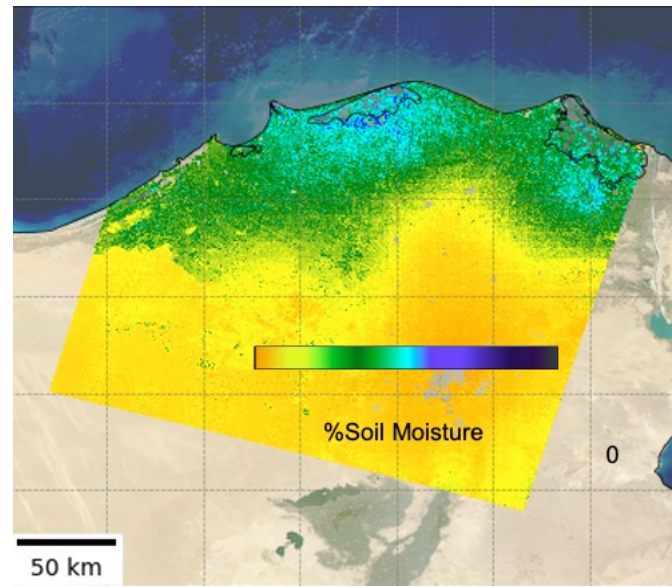
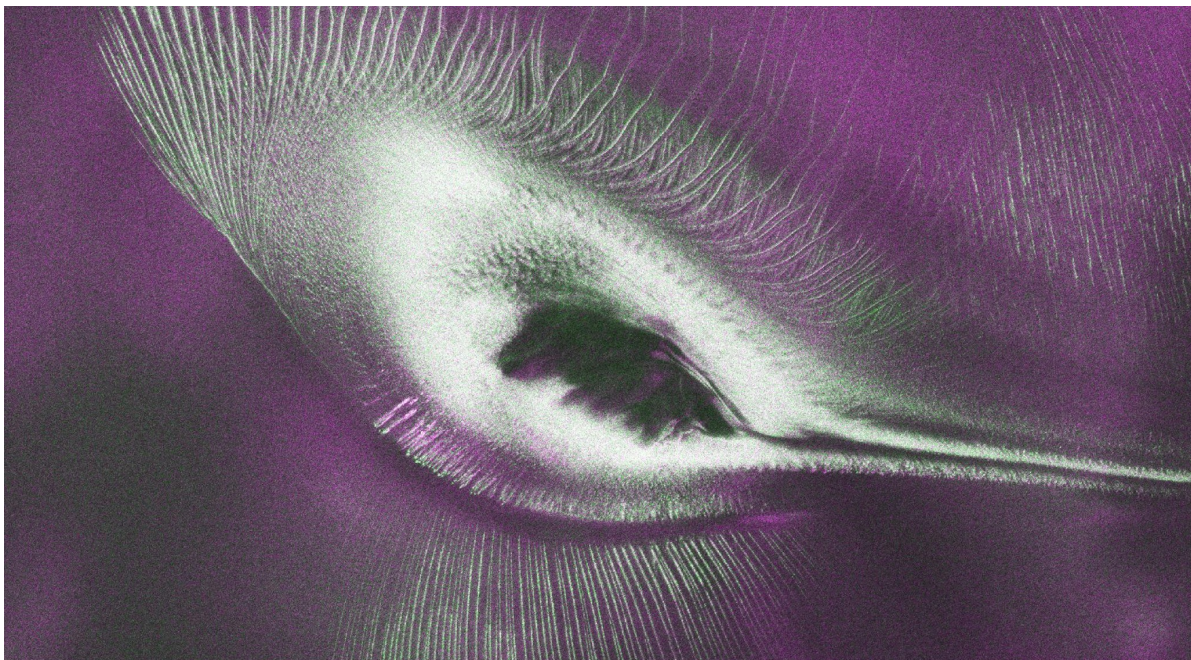
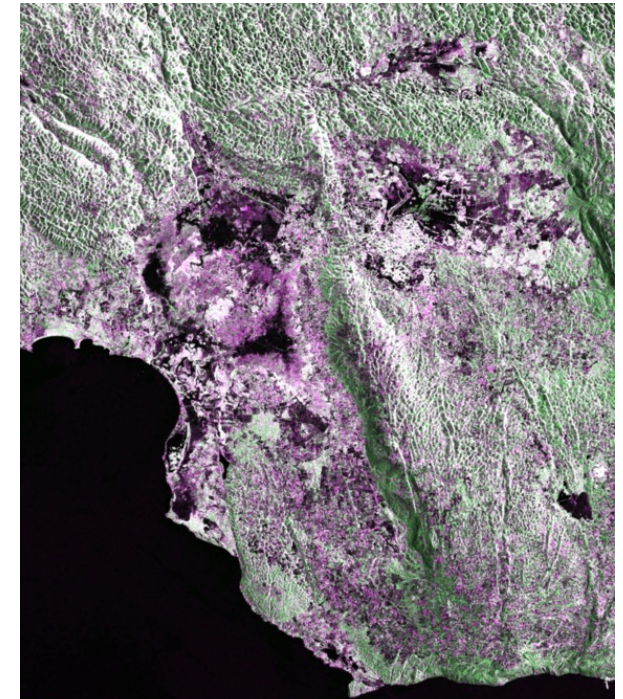
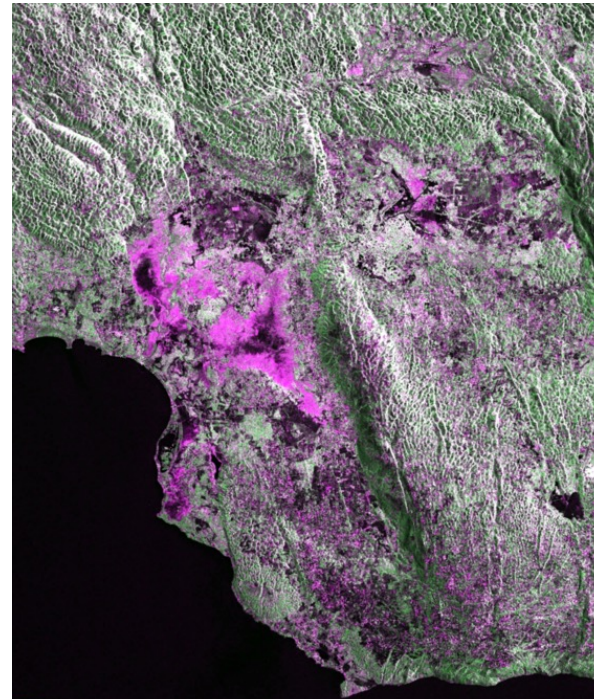
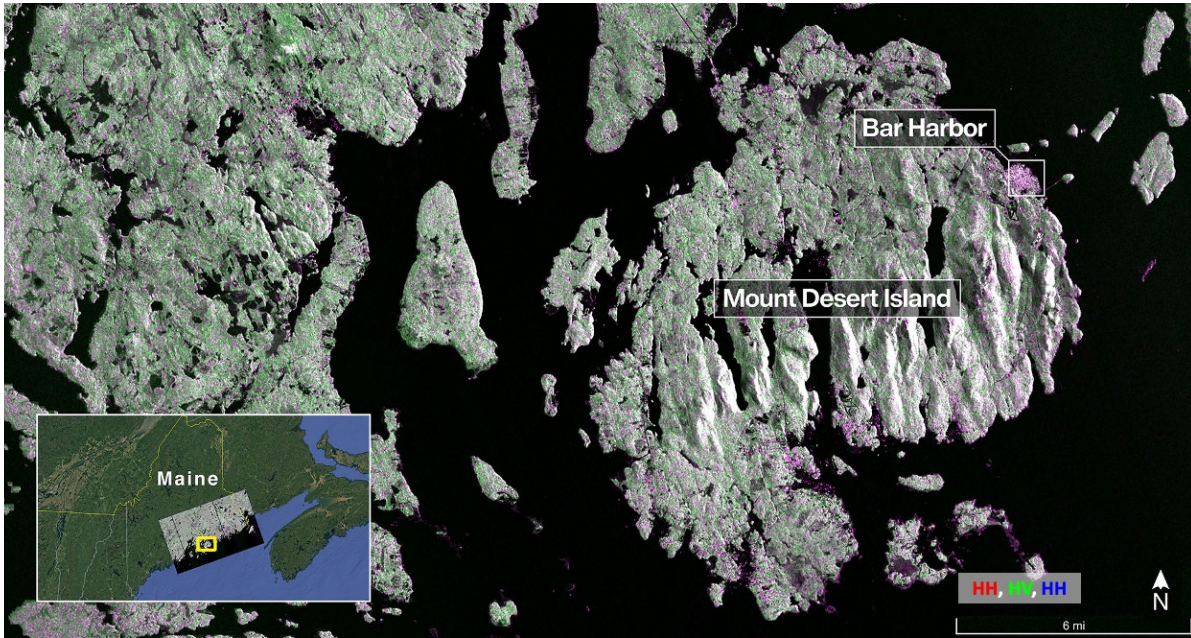


EUMETSAT



NISAR





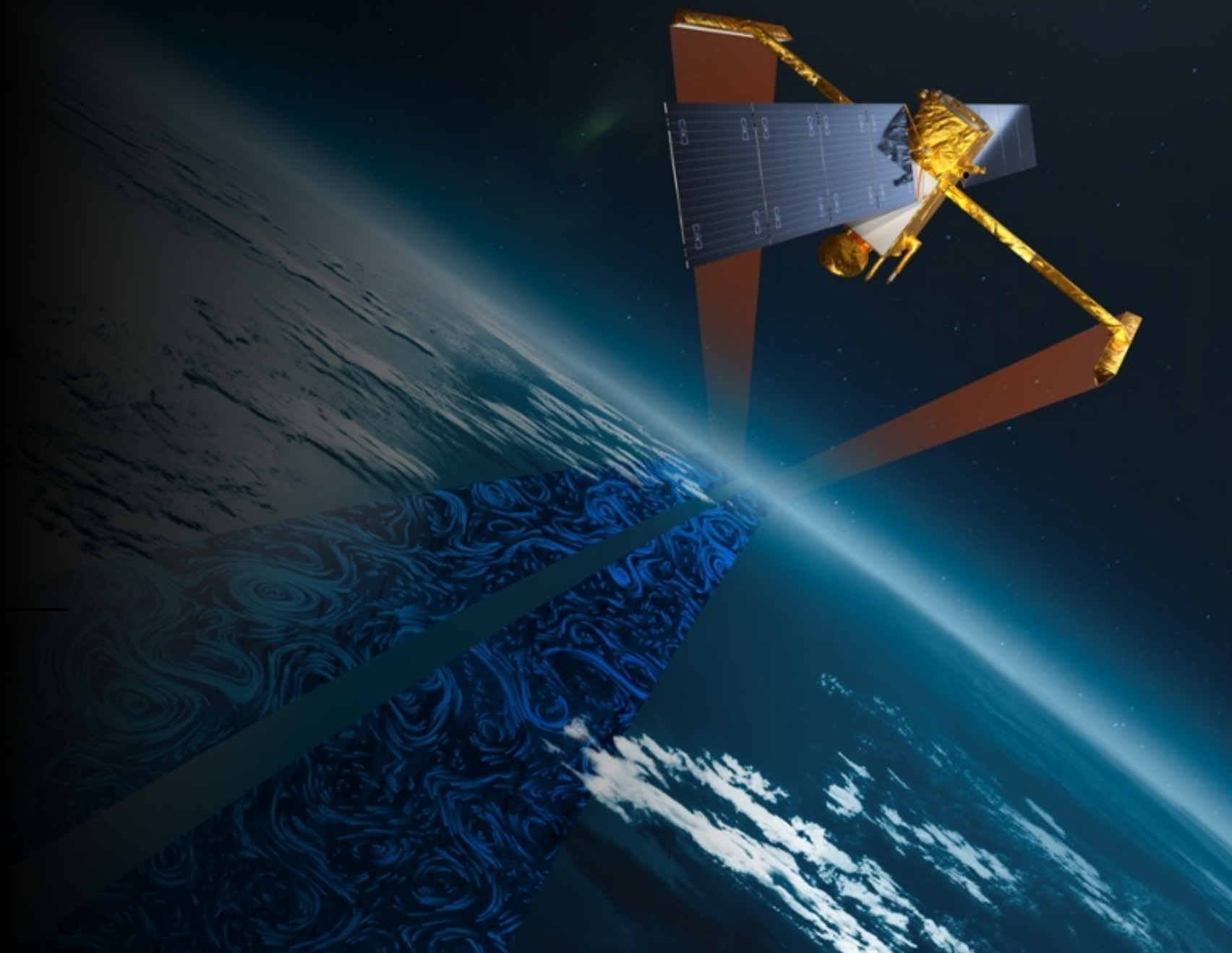
Data:
<https://search.asf.alaska.edu>

Software:
<https://github.com/isce-framework/isce3>

“NISAR is for everyone!”
 – Gerald Bowden



SWOT



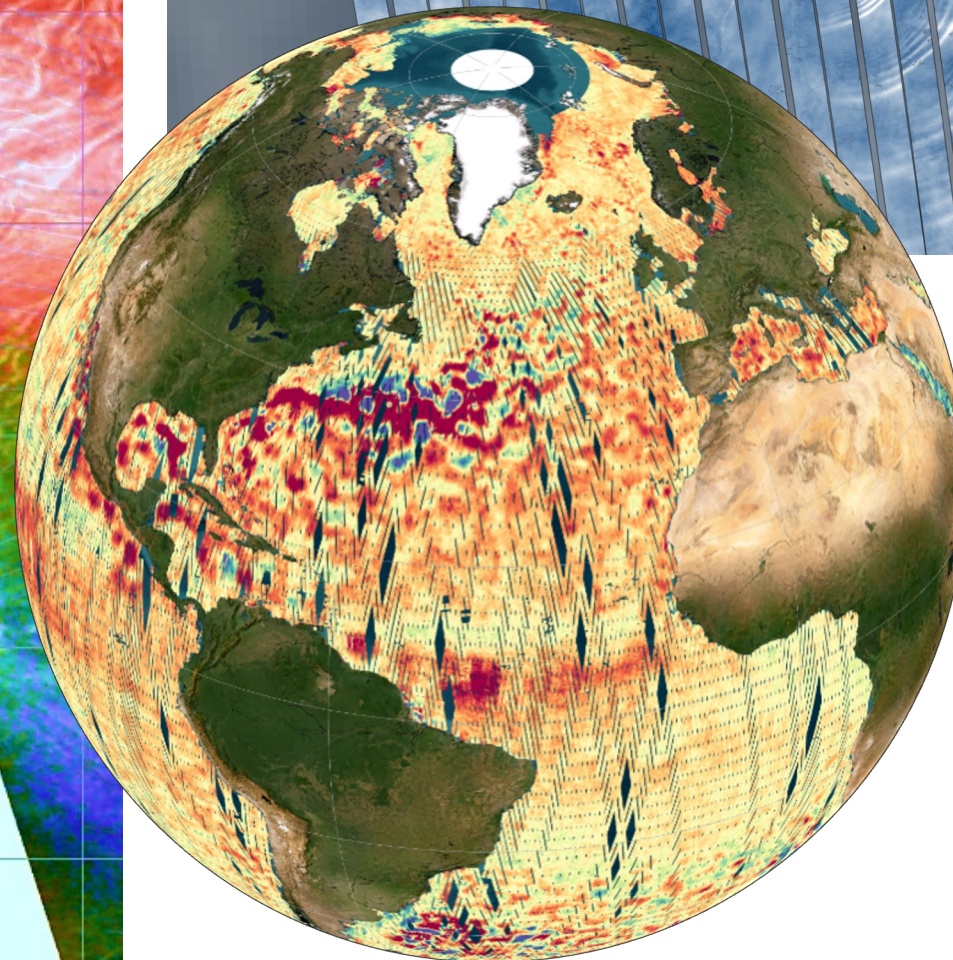
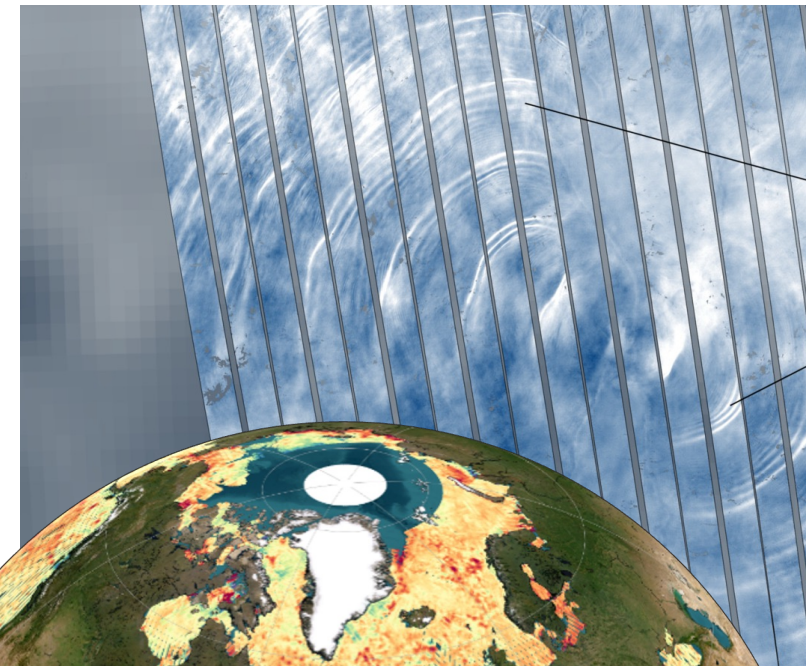
Surface Water and
Ocean Topography
(SWOT) Satellite Pas
Over Hurricane
Melissa

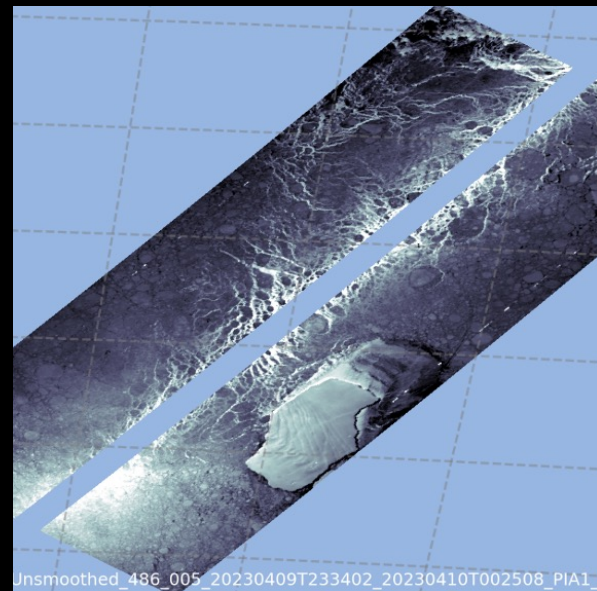
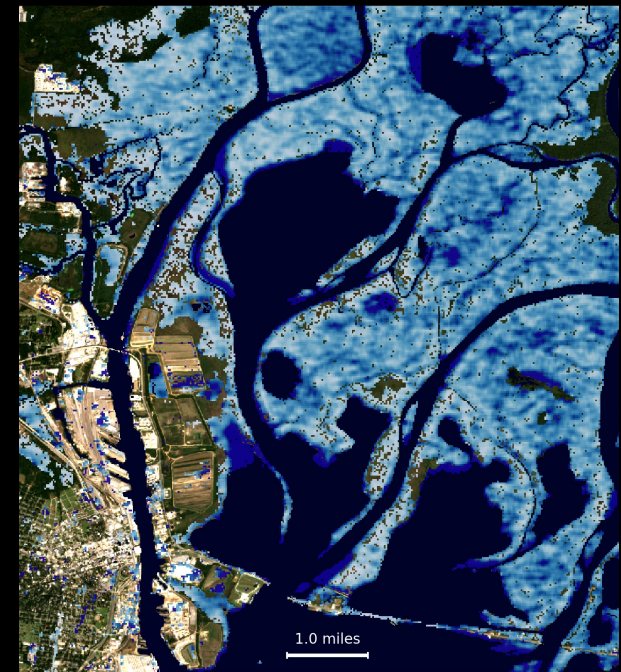
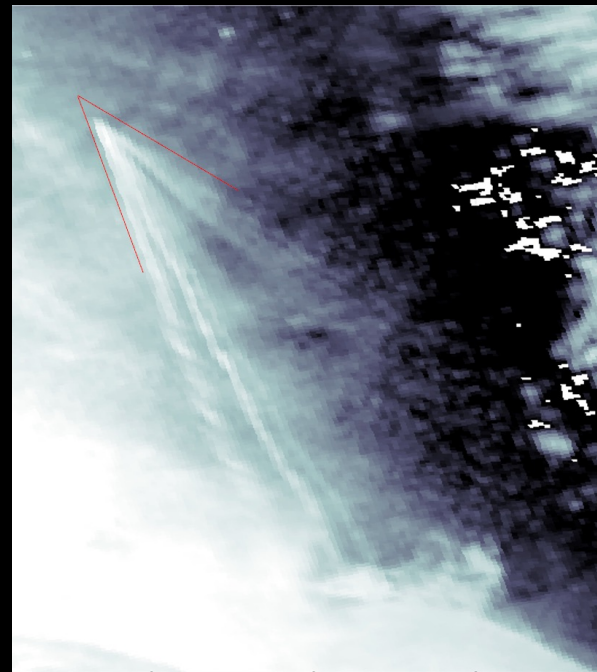
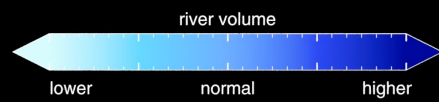
Jamaica

October 26th
14:20 UTC

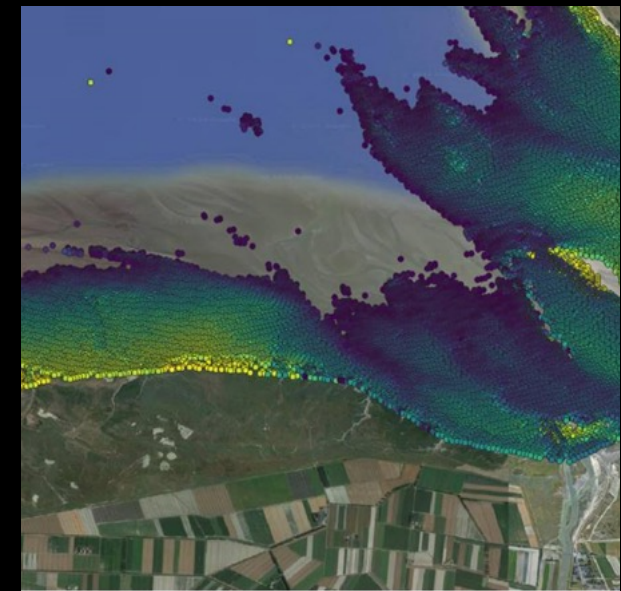
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Pass 264 Karin/SWOT

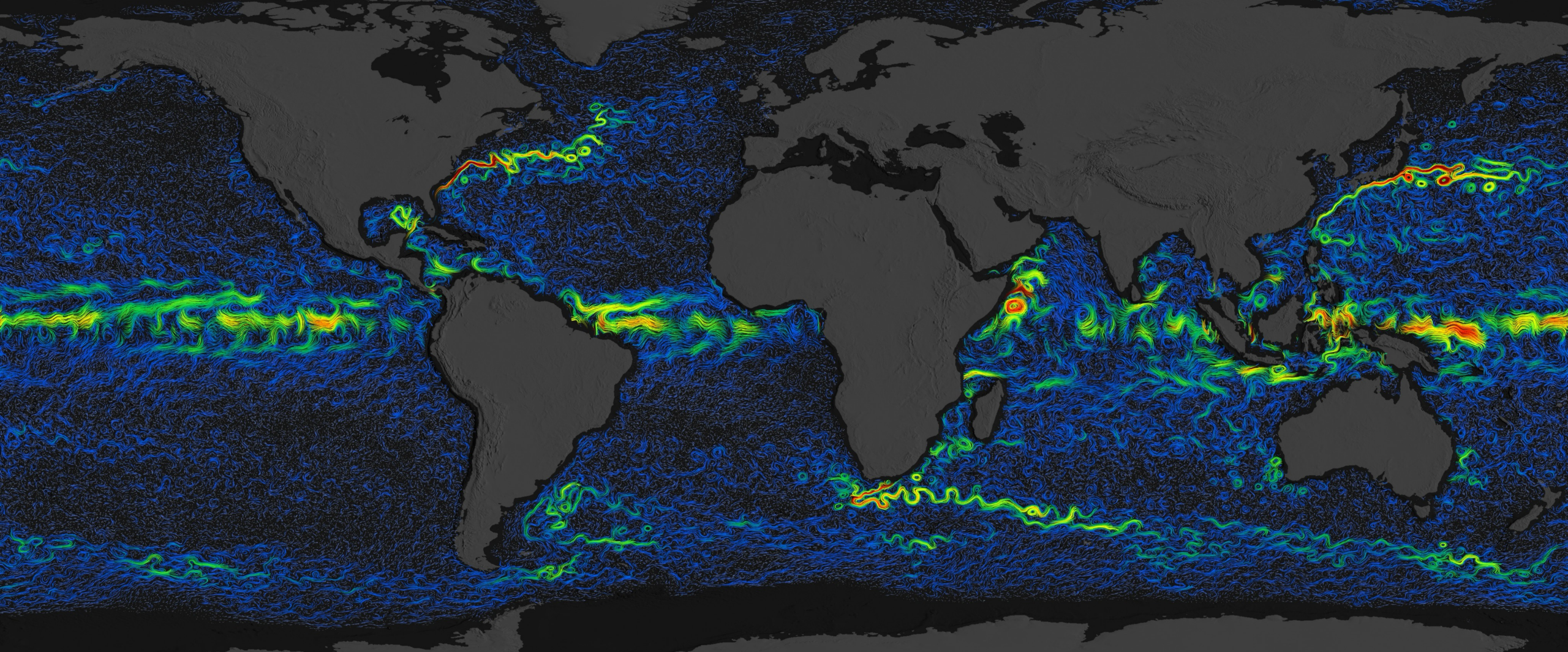
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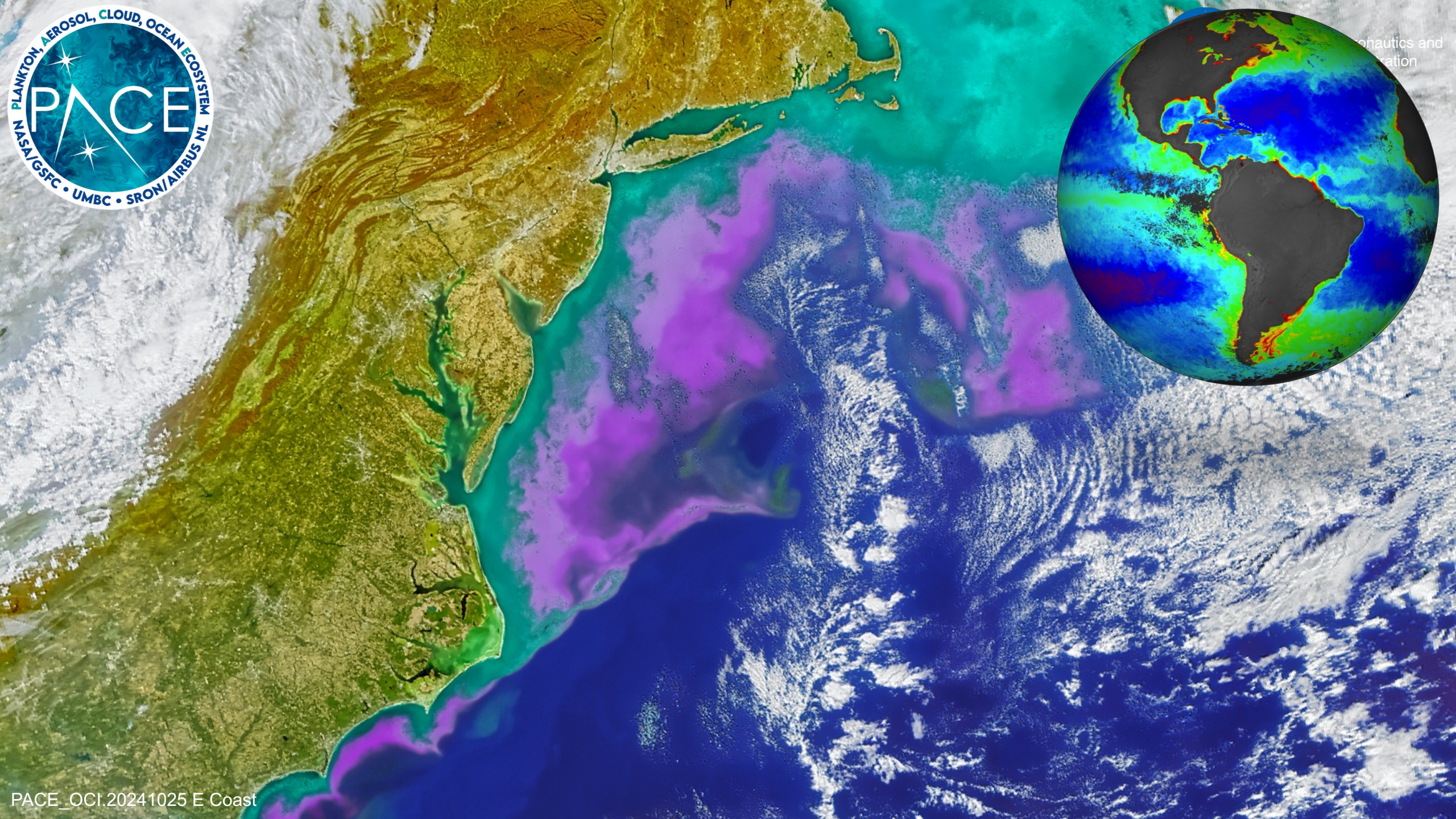
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Van Gogh OSCAR
Ocean surface currents derived from satellite altimetry





PACE_OCI.20241025 E Coast

FRESH Arctic

Tracking water from land to delta to our ocean

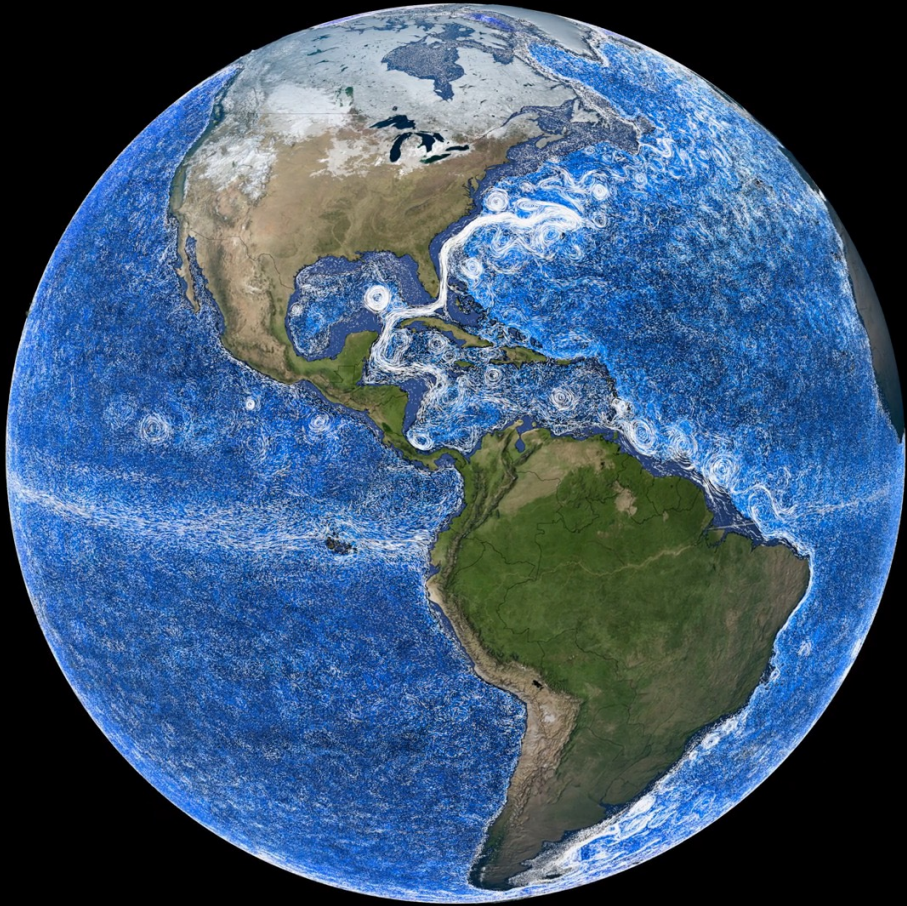




National Aeronautics and
Space Administration

(new) Earth Venture Orbital





Research Opportunities

ROSES-2025 remains open <https://nspires.nasaprs.com>

ROSES-2026 likely will follow ROSES-2025 schedule

ROSES are DAPR (Dual-Anonymous Peer Review)

Organizational Updates

Multisource Integrated Observatory (MIO)

Integrated Modeling Virtual Institute (IMVI)



National Aeronautics and
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Thank you!

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