



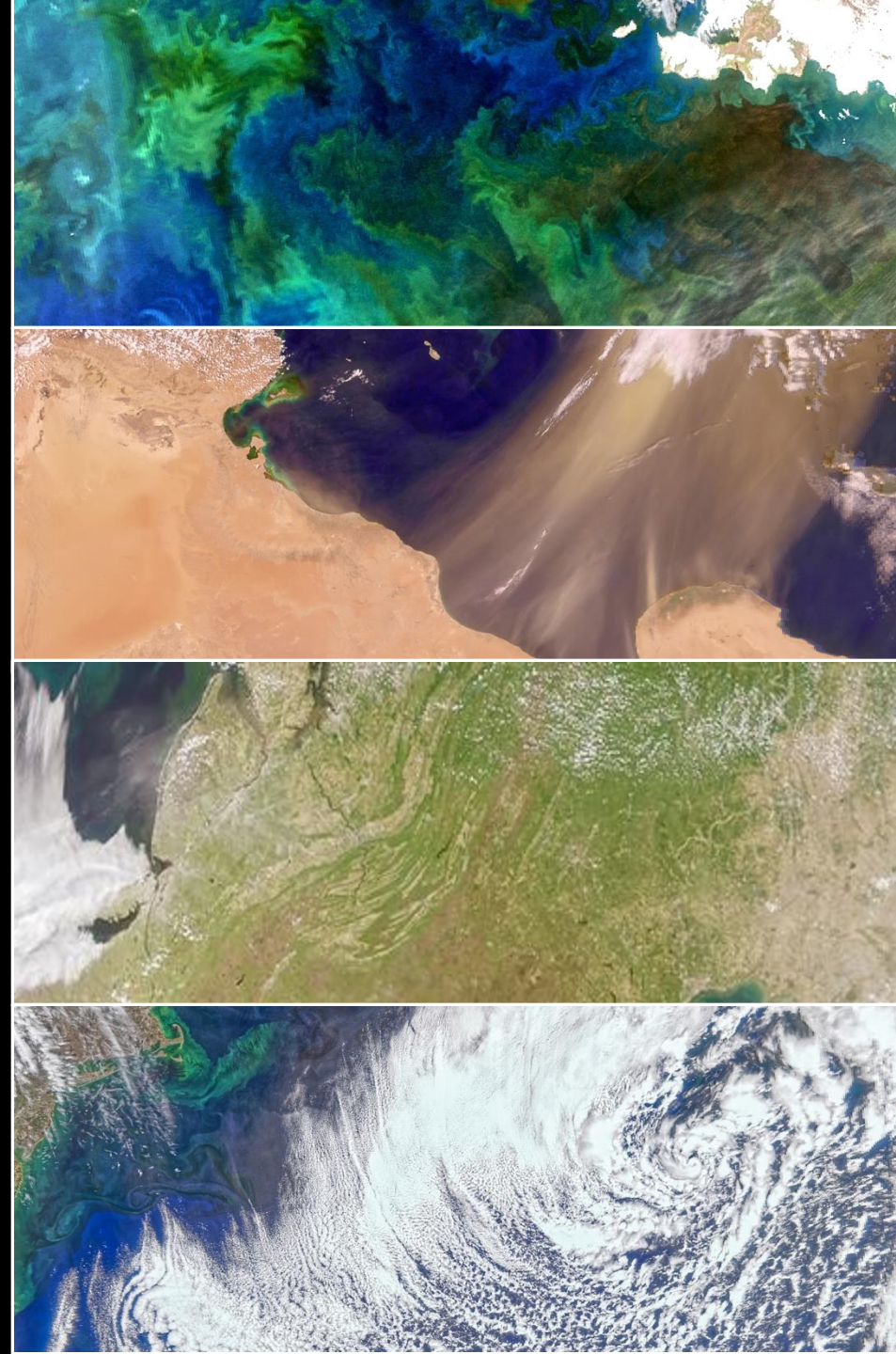
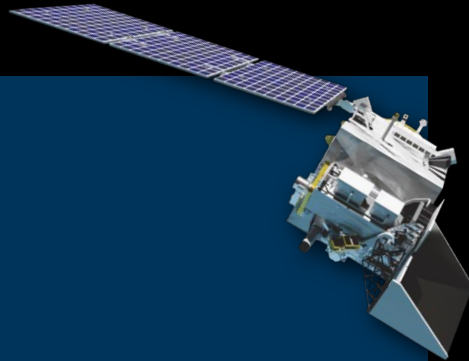
Community of Practice Quarterly Telecon

Agenda

Mission & Applications Updates

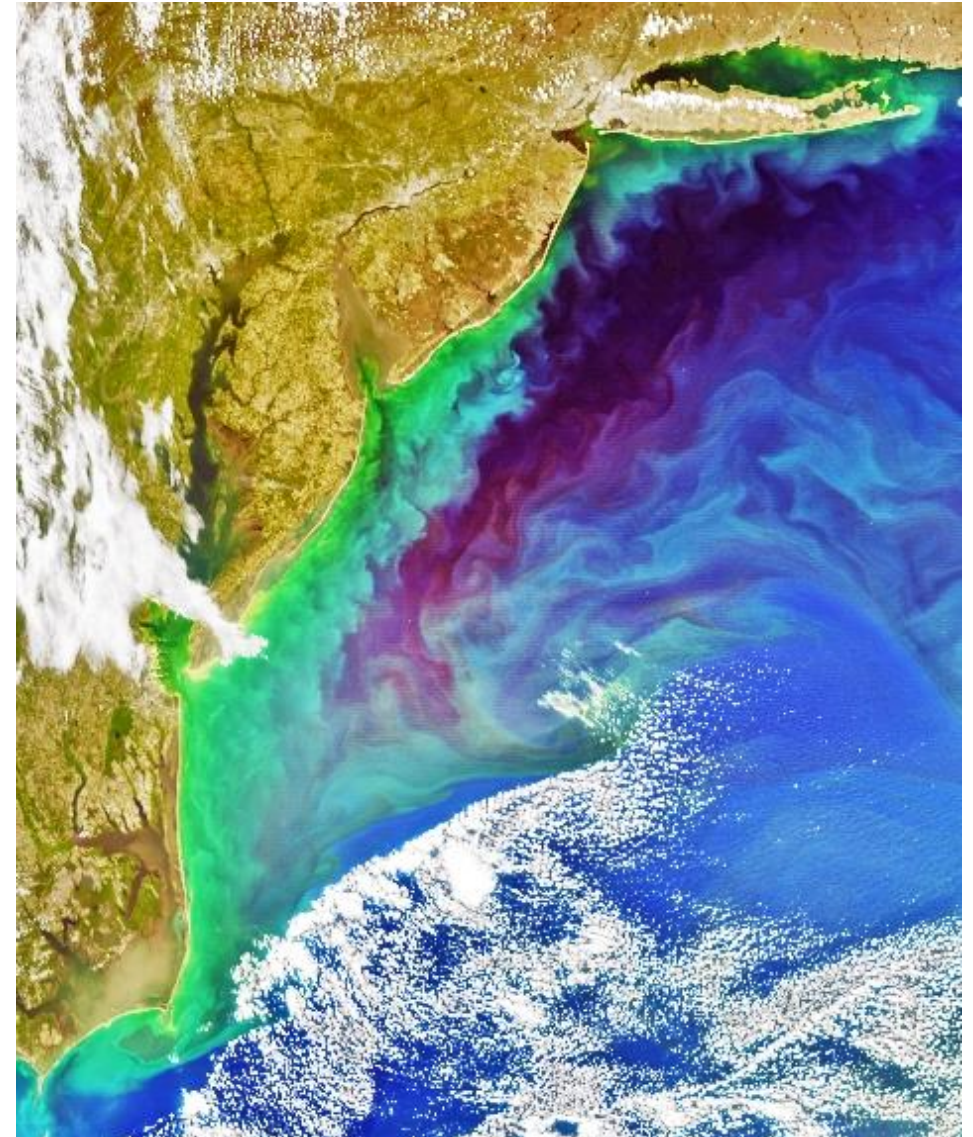
PACE Polarimetry Overview, Kirk Knobelspiesse (NASA GSFC)

FastMAPOL Polarimetry Data Products, with applications to ocean color & demonstration, Meng Gao (NASA GSFC/SSAI)



- **Asking questions today**

- Teams, previously WebEx
- Mics are muted
- Type questions in the chat
- Will answer at end of each talk (time permitting)



PACE enhanced RGB, US East Coast, April 26, 2024. Credit: Joseph Knuble

Version 3.1 Updates



https://oceancolor.gsfc.nasa.gov/files/data/reprocessing/V3/PACE_Reprocessing_V3.x_notes.pdf

- completed a full mission reprocessing of the V3 OCI Level-1B products to incorporate a minor correction
- initiated the V3.1 near real time (NRT) processing of all OCI Level-2 and Level-3 products from 2 July 2025 forward and stopped the V3.0 forward stream processing and stopped V3.0 processing
- A full mission V3.1 reprocessing of all OCI Level-2 and Level-3 products is expected within the coming week(s)
- PACE OCI V3.1 products can now be acquired from NASA's EarthDataSearch.

Version 3.1 Updates



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More products coming with this update, now beginning to appear in EarthDataSearch:

- OCI aerosol products over land, ocean, and clouds from the UAA algorithm
 - SPEXone aerosol products over land and ocean from the RemoTAP algorithm
 - SPEXone aerosol and ocean color products from the MAPOL algorithm
 - HARP2 cloud products from the GISS Polarimetric Cloud (GPC) algorithm
 - HARP2 aerosol and ocean color products from the MAPOL algorithm
-
- calibrations for all three sensors are at Version 3 (Level-1 B/C), so all Level-2 & Level-3 product collections derived from these V3 calibrations are tagged as Version 3.x to indicate that provenance

Events

Oct. 2 Early Adopter Hackday

Oct. 9: Community of Practice Telecon: Polarimetry Part 2

Oct. 23: PACE Land data Users' Group Quarterly Meeting

Details & Registration: <https://pace.oceansciences.org/events.htm>

GEO Health Community of Practice Air Quality Work Group Meeting: PACE Air Quality September 10th, 9-10AM Eastern via Teams

- **PACE Atmospheric Products & Applications Overview**, Morgaine McKibben, NASA GSFC/SSAI
- **Beyond the Ocean: Air Quality Applications** from PACE OCI, Zachary Fasnacht, SSAI
- **PACE UAA Aerosol Products: Potential Air Quality Applications**, Omar Torres, NASA GSFC

Group info: <https://www.geohealthcop.org/workgroup/airquality>

Join group: <https://www.geohealthcop.org/join-community>

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https://pace.oceansciences.org/pace_listserv.htm