

To whom it may concern

16 October 2026

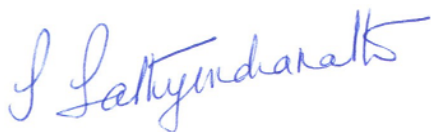
**Subject: global coverage of hyperspectral ocean colour radiometry**

The International Ocean Colour Coordinating Group (IOCCG) expresses our strong support for the continued development and expansion of satellite missions that yield global hyperspectral coverage of ocean colour data with revisit times on the order of 1-2 days or better.

NASA has had a pioneering role with the launch of the Plankton, Aerosol, Cloud, and ocean Ecosystem (PACE) mission in 2024, the first global hyperspectral mission. The open data policy of IOCCG agencies has enabled these data to be used widely in many countries across the globe. New applications have included observations of an expanded range of phytoplankton functional types, with enhanced detection of harmful algal blooms, and advanced monitoring of ecosystem health, water quality, carbon pools, and changes in aquatic habitats, bathymetry and underwater visibility. Daily global hyperspectral coverage has empowered biogeochemical modelling, informed management decisions, and enabled rapid response to water hazards impacting human health and businesses like fisheries, aquaculture, and coastal development. These and other applications are outlined in IOCCG Report 22 ([doi.org/10.25607/OBP-2062](https://doi.org/10.25607/OBP-2062)).

IOCCG strongly supports the continuation and expansion of global coverage of hyperspectral OCR to adequately maintain long-term ocean science and management applications. For further information or discussion, please feel free to contact me or the IOCCG Project Coordinator at [raisha@ioccg.org](mailto:raisha@ioccg.org).

Sincerely,



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