



International Ocean Colour Coordinating Group (IOCCG) **Summary · July 2022 – June 2023**

SCOR Annual Meeting 2023 · Guayaquil, Ecuador & Online

Shubha Sathyendranath, IOCCG Chair
Raisha Lovindeer, IOCCG Project Coordinator

IOCCG International Context

Affiliations



SCOR Affiliate Programme
CEOS Associate Member

Sponsoring agencies



Conference



IOCS Meeting Convenor

27th IOCCG Committee Meeting Highlights

Virtual, 13 - 16 March, 2023

- 2 new IOCCG working groups approved
- 2 new IOCCG task forces approved
- Aquatic carbon roadmap for CEOS work plan approved
- Contribution approved towards the Aquatic Reflectance Product Family Specification for CEOS Analysis-Ready Data (ARD)

ioccg.org/what-we-do/committee-meetings

IOCCG Committee Member rotations →



Dr. Venetia Stuart retired from the IOCCG Project Office

Dr. Stuart, who has been the IOCCG Project Coordinator since 1997, retired on 1 January 2023.



New IOCCG Working Groups

- **Ocean primary production**
ioccg.org/group/oceanpp
established 2023
- **Classification of optical water types in aquatic radiometry**
ioccg.org/group/owt
established 2023

Continuing Working Groups

- **Conducting Benthic Reflectance Measurements**
- **Intercomparison of Atmospheric Correction Algorithms over Optically-Complex Waters**

New IOCCG Task Forces

- **Aquatic Carbon from Space**
ioccg.org/group/ocean-carbon-tf
established 2023
- **Hyperspectral Ocean Colour Radiometry**
ioccg.org/group/hyperspectral-tf
established 2023

Continuing Task Forces

- **Ocean Colour Satellite Sensor Calibration**
- **Ocean Colour System Vicarious Calibration (OC-SVC)**
- **Remote Sensing of Marine Litter and Debris**

New Ocean Optics & Biogeochemistry Protocol Published

- Aquatic Primary Productivity Field Protocols for Satellite Validation and Model Synthesis

Published September 2022

Latest in the IOCCG Protocol Series →

Ocean Optics & Biogeochemistry Protocols for Satellite Ocean Colour Sensor Validation

Volume 7: Aquatic Primary Productivity Field Protocols for Satellite Validation and Model Synthesis (v7.0)

Editors

Ryan A. Vandermeulen and Joaquín E. Chaves

Authors

Balch, W.M., Carranza, M., Cetinić, I., Chaves, J.E., Duhamel, S., Fassbender, A., Fernandez-Carrera, A., Ferrón, S., García-Martín, E., Goes, J., Gomes, H., Gundersen, K., Halsey, K., Hirawake, T., Isada, T., Juranek, L., Kulk, G., Langdon, C., Letelier, R., López-Sandoval, D., Mannino, A., Marra, J.F., Neale, P., Nicholson, D., Silsbe, G., Stanley, R.H., Vandermeulen, R.A

International Ocean Colour Coordinating Group (IOCCG) in collaboration with National Aeronautics and Space Administration (NASA)

IOCCG, Dartmouth, Canada

September 2022

10-year anniversary of the IOCCG Summer Lecture Series & final edition at Villefranche-sur-Mer

- The biennial 2-week advanced training course was held for the last time at Laboratoire d'Océanographie de Villefranche in France from 18 – 29 July 2022.
- The new location will be at the Indian National Centre for Ocean Information Services, India.
- Course material for all editions continue to be available online (with some hosted by Sorbonne University).

ioccg.org/what-we-do/training-and-education/educational-links-and-resources

Location of the SLS from 2012-2022 →



Inaugural IOCCG Trevor Platt Memorial Scholarship Launched

USD \$5000 awarded to a scholar from a developing country for research or training up to 3 months in another country.



2023 IOCCG Platt Scholars →



Arjun Adhikari
India → Germany

Research: Satellite derived coastal colour components and physical processes: a numerical study with Hans Burchard at the Leibniz Institute for Baltic Sea Research.



David Alejandro Gonzalez Rivas
Mexico → USA

Research: Using Ocean color data to understand shrimp farm water discharge in the coastal ecosystems of the Gulf of California with Heidi Dierssen at the University of Connecticut.



IOCCG Chair

Shubha Sathyendranath (ssat@pml.ac.uk)

IOCCG Project Office

Raisha Lovindeer (raisha@ioccg.org)

Other ways to stay in touch

ioccg.org/news/subscribe-ioccg-mailing-list

ioccg.org • iocs.ioccg.org