



Call for new members of IOCCP Scientific Steering Group

The International Ocean Carbon Coordination Project (IOCCP), a program of the Scientific Committee on Oceanic Research (SCOR) and the Intergovernmental Oceanographic Commission (IOC) of UNESCO, is looking for **2 new members** to join its Scientific Steering Group (SSG) for terms beginning on **1 February 2020**, to act as leaders responsible for expanding IOCCP coordination activities within two areas described in detail further below.

Position #1: Use of marine biogeochemistry observations to support climate and ocean model forecasts and assessments

Position #2: Coordination of Particulate Matter EOVS observations and data dissemination

The IOCCP SSG is responsible for promoting the development of a global network of ocean carbon and biogeochemistry observations, coordinating the development of globally acceptable strategies, and providing technical coordination developing operating methodologies, practices and standards, homogenizing efforts of the research community and scientific advisory groups. The role of the SSG is also to ensure delivery of communication services for marine biogeochemistry community as well as advocacy and links to a multidisciplinary sustained global ocean observing system.

Full scope of IOCCP activities and its mandate is described at: [IOCCP Terms of Reference](#). You can read about current work and future plans of IOCCP SSG in the [Report of 13th Session of the IOCCP SSG / GOOS Biogeochemistry Panel](#).

SSG members serve for a period of three years, with the potential of renewing for an additional 3-year term. Among other things, SSG members are asked to:

- Represent IOCCP, particularly in their area of expertise, at international meetings and workshops, and report back to the SSG and the project office on the outcome of meetings in a timely fashion.
- Encourage national and international funding agencies to support IOCCP activities.
- Encourage coordination of efforts and collaboration with organizations and projects involved in marine biogeochemistry observations.

IOCCP SSG meets once a year in-person, and three times a year remotely. The expected time commitment for IOCCP activities is on average 2-3 days per month, which might occasionally cumulate. More information about the current SSG is available at: [IOCCP Scientific Steering Group](#).

We seek applications from individuals with the expertise to address the growing demand for global coordination of in-situ and remote sensing observations of [Biogeochemistry Essential Ocean Variables \(EOVs\)](#). As IOCCP strengthens its partnership with research and user



communities, we look for motivated and energetic experts working at the interface of marine observations and information product development. Acting as liaisons with one or more of our partners, new SSG members would steer our activities towards filling knowledge gaps and capacity to deliver information on climate, operational services and ocean health. IOCCP SSG members should have both technical and programmatic understanding of EOVS measurements performed using instruments and sensors deployed on both ship-based and autonomous platforms. Moreover, they should be at the forefront of expanding the global marine biogeochemistry observing system and be willing to contribute to the strategies and implementation plans of the Global Ocean Observing System (GOOS) and the Global Climate Observing System (GCOS).

The two newly appointed IOCCP SSG members will become responsible for expanding IOCCP activities in two areas in particular:

Position #1: Use of marine biogeochemistry observations to support climate and ocean model forecasts and assessments

In particular, we seek individuals with expertise and interests in the areas of:

- Global carbon cycle and ocean-climate interactions
- Ocean modelling across disciplines (climate, physical-biological interactions, ecosystems) and across scales (coastal, basin-scale, global)
- Needs and use of biogeochemistry observations for data assimilation into models generating ocean forecasts
- Integration of remote sensing measurements and in situ observations, including from profiling floats and other autonomous platforms
- Addressing knowledge gaps identified by IPCC and other scientific assessments

Position #2: Coordination of Particulate Matter EOVS observations and data dissemination

In particular, we seek individuals with expertise and interests in the areas of:

- Particulate matter fluxes and their role in marine organic and inorganic carbon cycling
- Biological-physical interactions in the ocean
- Remote sensing observations of particulate matter, through ocean colour and other approaches
- In situ biogeochemical observations on ships, profiling floats and other autonomous platforms, in both coastal and open ocean realms
- Developing standards, protocols and best practices for particulate matter observations, data curation and extractions



Expressions of interest as well as any related questions should be submitted to the IOCCP Project Office (ioccp@ioccp.org) by **10 November 2019**. Please provide the following information in your application:

- **Full name**
- **Affiliation and held position**
- **Contact information** (incl. email and website if available)
- **Membership in national and international networks, programs, expert working groups, etc.**
- **Brief description** (300 words max.) of how you see yourself contributing to IOCCP Terms of Reference and what is your proposed vision for activities related to the advertised position
- **Up to 10 most relevant publications**
- **CV**

Selected candidates will be contacted before 31 December 2019.