



International Association
for the Physical Sciences of the Oceans

International Association for the Physical Sciences of the Oceans (IAPSO)

<https://www.iapso-ocean.org/>

INTRODUCTION

IAPSO has the prime goal of ‘promoting the study of scientific problems relating to the oceans and the interactions taking place at the sea floor, coastal, and atmospheric boundaries insofar as such research is conducted by the use of mathematics, physics, and chemistry.’ IAPSO works mainly through 1) biennial scientific assemblies; 2) working groups; 3) commissions; 4) services; and 5) website information. Of special importance to IAPSO is the involvement of early career scientists as well as those from least developed countries.

IAPSO maintains formal liaison with other scientific commissions and committees. These include the ISC's Scientific Committee on Oceanic Research (SCOR), and UNESCO's Intergovernmental Oceanographic Commission (IOC). For more information see <https://iapso-ocean.org/>.

ADMINISTRATION

The IAPSO Bureau was renewed in July 2023 during the IUGG General Assembly in Berlin. It now comprises:

President:	Hans van Haren (the Netherlands)
Secretary General:	Silvia Blanc (Argentina)
Past President:	Trevor McDougall (Australia)
Treasurer:	Ken Ridgway (Australia)

The Executive Committee comprises the Bureau members and

Vice-Presidents:	Agatha de Boer (Sweden)
	Toshiyuki Hibiya (Japan)

Members at Large:	Juliet Hermes (South Africa)
	Joellen Russell (USA)
	Yukio Masumoto (Japan)
	Jae-Hun Park (Republic of Korea)
	Alejandra Sanchez-Franks (UK)
	Regina Rodrigues (Brazil)
	Peter Zavialov (Russia)
	Malin Ödalen (Germany)

The IAPSO office is located at the National Council of Scientific and Technical Research, Argentina, and day-to-day business is managed by Secretary General (SG) Silvia Blanc. The SG is responsible for the IAPSO website. A page on the Facebook social network is also active with the aim of facilitating the spreading of information in the community (see <https://www.facebook.com/iapso.iugg.org>).

IAPSO finances are managed by the Australian-based Treasurer, Ken Ridgway.

ACTIVITIES

28th IUGG General Assembly 11-20 July 2023, Berlin

IAPSO participated in the Berlin General Assembly of IUGG in July 2023. The total number of attendees was ~5,000 of which ~400 had the IAPSO affiliation. This was a very successful meeting, and because of the cancelation of the 2021 Joint Assembly in Busan in 2021 (due to COVID), this was the first scientific assembly of IAPSO in four years.

At the Berlin IUGG General Assembly the IAPSO Early Career Scientist Medal was awarded to Dr Malte Stuecker (University of Hawai'i) *“in recognition of his fundamental contributions to understanding the dynamics of tropical climate variability, its interactions with other parts of the climate system, and elucidating the spatial patterns of climate change”*.

IAPSO's premier Medal, the Prince Albert I Medal was awarded in July 2023 to Professor John Church AO (University of New South Wales, Sydney) *“for his research on sea level change in the 20th and 21st centuries and its response to natural and human factors. John has reconstructed the global sea level record back to the 1870s, and his work has been central to the IPCC WG1 reports and to the projection of sea level change as it will affect the 100 million people living within 1m of present mean sea level.”*

A new IAPSO website

The IAPSO website has been restored and since April 2022 it is accessible at the new address iapso-ocean.org.

IAPSO Early Career Scientist Working Group

The IAPSO Early Career Scientist (ECS) Working Group was established in 2019, chaired by Alejandra Sanchez-Franks (United Kingdom) and co-chaired by Malin Ödalen (Sweden). This IAPSO ECS group has now produced a website <https://www.iapsoecs.org> and a twitter account https://twitter.com/iapso_ecs?s=20 for this working group, where the newsletters, job and research cruise opportunities and ECS-related events get routinely updated. The IAPSO ECS network now reaches over 230 members through the mailing list, and has over 400 followers on Twitter.

IAPSO Best Practice Study Groups

Since January 2020 IAPSO has begun to fund IAPSO Best Practice Study Groups at the rate of two every two years (<https://iapso-ocean.org/funding-opportunities/best-practices-study-groups.html>). An IAPSO Best Practice Study Group will address an issue whose resolution will assist in the conduct of oceanographic research. In carrying out oceanographic research, a choice must frequently be made between a few options for measuring data, analysing data, processing software, or modelling a system. The reasons for choosing between competing methods are often not well documented and the relative

strengths and weaknesses of these routes are usually not published or well known. Each Best Practice Study Group will receive up to US\$12,000 towards the costs of a meeting.

Announcements of future meetings

- Joint Assembly of IAPSO, IAMAS and IACS to be held in July 2025 in Busan, South Korea.
- 29th IUGG General Assembly, July 2027, Incheon, South Korea.

IAPSO/IACS joint Commission on Ice-Ocean Interactions

The IACS and IAPSO Joint Commission on Ice-Ocean Interactions (JCIOI) was formally established in January 2021, with the aim to facilitate community efforts to fill critical knowledge gaps in ice-ocean interactions. The primary focus of the joint commission will be on ice-ocean interactions in Antarctica and Greenland, including ice shelves, tidewater glaciers and icebergs. The Joint Commission ran a very successful workshop on ice-ocean interactions in October 2022. <https://sites.google.com/view/jcioi/>

Submitted by Hans van Haren, IAPSO President , and Silvia Blanc, Secretary General (July 2023)