



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 office is managed by Secretary General (SG) Silvia Blanc (sg@iapso-ocean.org). 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) ECS)

ACTIVITIES

IAPSO Early Career Scientist Working Group

The IAPSO Early Career Scientist (ECS) Working Group was established in 2019, currently chaired by Malin Ödalen (Germany). The IAPSO ECS network now reaches over 250 members through the mailing list and has over 500 followers via social media.

IAPSO Best Practice Study Groups

Since January 2020 IAPSO has begun to fund IAPSO Best Practice Study Groups BPSG 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.

For 2024/2025 the following three BPSG proposals were awarded:

- *Calibrating Measurements of Total Dissolved Inorganic Carbon in Seawater*
- *Ship-based CTD/O2 operations, calibration, and processing procedures*
- *Reconciling Cross-platform Observations of Ice-shelf Melt*

Inter-association and IUGG-related activities

- J. Church's IAPSO nomination as an ISC Fellow was successful.
- The IAPSO-Argentina organized Summer School: "From Meso to sub-mesoscale ocean circulation structures: satellite and in-situ measurements, physical mechanisms and biological impact", held at the University of Buenos Aires, 15-20 July 2024, was partially funded by the IUGG Support Programme 2024.
- Two IAPSO-supported proposals were awarded within the IUGG Grants Program 2024-2025:
 - *ECSNet: the IUGG Early-Career Scientists Network*
 - *The infra-gravity wave initiative*

Announcements

- Joint Assembly of IAPSO, IAMAS and IACS to be held in Busan, South Korea from 20-25 July 2025.
About 100 scientific sessions have been proposed for this meeting, of which about three-quarters are joint sessions between two or all three associations. The association's SGs have been very busy in defining, collecting and ordering the session proposals. A first site visit has been held, with on-line participation.
- Call for Prince Albert I Medal for outstanding scientist in physical sciences of ocean, open until 15 November 2024.
- Call for IAPSO-ECS Medal for young scientist in physical sciences of ocean, Fall 2024.
- 29th IUGG General Assembly, July 2027, Incheon, South Korea.

Submitted by Hans van Haren, IAPSO President, and Silvia Blanc, Secretary General (August 2024)