

IAPSO's Goal

To promote the study of the Physical Sciences of the Oceans and the interactions that take place at its boundaries with the sea floor, coastal environment and atmosphere, through the use of physics, chemistry, mathematics and biogeochemistry (not just physical oceanography).

Formal liaison with ISC's SCOR and UNESCO's IOC



IAPSO

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, ECS-chair)

IAPSO Committees, Commissions and Services

Joint (SCOR/IAPSO/IAPWS) Committee on the Properties of Seawater.

Tsunami Commission (Joint with IASPEI and IVACEI).

Commission on Mean Sea Level and Tides (CMSLT)

Permanent Service for Mean Sea Level, hosted by Proudman Oceanographic Laboratory, UK.

Joint (IAPSO/IACS) Commission of Ice-Ocean interactions (est. 2021).

IAPSO Early Career Scientist ECS working group (funded 2019, now >500 'members')

IAPSO Best Practice Study Groups

Since 2019, IAPSO is sponsoring two Study Groups every two years. These are designed to recommend best practice in our field.

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 was elected ISC Fellow.
- Summer School: "From Meso to sub-mesoscale ocean circulation structures: satellite and in-situ measurements, physical mechanisms and biological impact" (Buenos Aires, July 2024), from 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*

Future developments/plans

Next call Prince Albert I medal, open -15 November 2024

Next call ECS medals, Fall 2024

Joint assembly with IACS and IAMAS, Busan Rep. of Korea, 20-25 July 2025
currently about 100 sessions planned

IUGG General assembly, Incheon Rep. of Korea, 12-22 July 2027