



Early Career Scientist News

Editor's Note

This month's newsletter is very brief, offering a few key announcements and an exciting opportunity. We are actively seeking new committee members! If you are an early career scientist specializing in physical oceanography or marine biogeochemistry and are interested in contributing to our activities — such as website updates, event organization, mailing list management, newsletter contributions, and DEI initiatives — please get in touch. Our main goals are to facilitate access to job and fieldwork opportunities, workshops, and more; to promote diversity and inclusivity within ocean sciences; and to liaise with the IAPSO executive committee. Learn [more here](#) and join us!

In this issue, you will also find stories from outgoing executive committee members. After years of dedication to the IAPSO ECS group, they have outgrown their "early career" status. They share insights from their time on the ECS committee and discuss their career paths in science. While they will be missed, we look forward to our continued interactions and wish them success as they transition to more senior roles.

As I write, the global ocean is facing unprecedented sea surface temperature levels, and global sea ice cover is at record lows, with Antarctic sea ice experiencing significant declines. In our next issue, we aim to spotlight the efforts of early career scientists working on ocean warming and marine heatwaves. If you would like your work and experiences in science to be featured, please contact the editor.

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Narratives of Outgoing ECS members

We are featuring narratives from every outgoing member of the ECS committee! In this edition, Danniele Su shares her experiences on the committee, discussing the wonderful sense of community she found through this network, and her career paths in science and beyond!



"During my time with the IAPSO early career committee, I was the editor for the IAPSO Newsletters and was responsible for the design and direction for the newsletter. One of my favourite things to create as editor were the World Oceans Day special issues. Every year, I never ceased to be amazed by the stories of oceanographers around the world and the incredible science they work on.

In this world where every ocean is connected, so are its oceanographers.

My career path since finishing my postdoc in LOCEAN has been quite unconventional since I've traversed roles across academia, industry and now, government within the last 5 years. When I returned to Singapore from Paris, I joined the international consultancy, DHI, where I worked on MetOcean design conditions, biogeochemical modelling for blue carbon ecosystems and scenario design for climate change adaptation solutions for Singapore. A huge part of my portfolio was to support local government projects which I found deeply meaningful since I was able to interact with stakeholders from all walks of life and see the science translate to real world applications in my country.

After about 3 years in consultancy, I accepted a role with the Singapore government to join the National Environment Agency (NEA) as a Research Scientist. At NEA, I am part of the Meteorological Services Singapore, and I am a member of the Core Model Development Branch within the Department of Weather. In my new role, I will be working on the development of a coupled ocean-atmosphere-wave model for the entire Maritime continent. This model will be using Singapore's latest regional atmospheric product to support climate projections for the region.

Moving forward, I hope to continue working on building capabilities for oceanography within Southeast Asia and support my country's efforts in mitigating the impacts of climate change."

- Danniele Su, Research Scientist, National Environmental Agency, Singapore

IUGG General Assembly, 2023

Early Career activities with participation from IAPSO ECS

Geo.X & IUGG Early Career Scientists Summer meeting

The Geo.X Research Network for Geosciences in Berlin and Potsdam invited early career scientists within the network and attendees of the IUGG 2023 meeting to their summer gathering. This social event was held on a rooftop at the Technical University Berlin, with IAPSO ECS participating in the event organization. Approximately 80 participants engaged in scientific speed dating and relaxed discussions over drinks and vegan food. The event promoted networking and discussions across various disciplines and backgrounds.

IUGG ECS social

The main IUGG ECS event, organized by ECS representatives from the IUGG sub-organizations including IAPSO, was a free social gathering open to all early-career individuals. It brought together ECSs from various disciplines within the IUGG. Participants had the chance to anonymously contribute opinions, questions, and thoughts for the next day's Big Theme panel discussion, all while enjoying an informal evening with their peers.

Early Career Scientists: Needs, Wishes and Demands Big Theme

This Big Theme event, led by IUGG Secretary General Alexander Rudloff, featured a panel discussion with early-career members from each IUGG sub-organization. The discussion began with outputs from the ECS social event. Topics included questions like "What adaptations does IUGG need to support ECS in the 21st century?" and "How do different associations incorporate ECS within their activities?" We hope that the insights gained from these discussions will guide the IUGG council in their planning for the next four years.



Image: Photo taken at the end of the Big Theme Event. The group includes early-career scientists who helped organize the event, representing all associations of IUGG, along with IUGG Secretary General Alexander Rudloff. There was a sense of pride in having organized the first IUGG-wide event of this kind! Copyright: © GFZ German Research Centre for Geosciences/Jan Pauls.

Some recommendations that emerged from the panel discussion included:

- Including an ECS representative on every association's executive committee, as well as on the IUGG Executive Committee.
- Establishing an ECS committee for each association, as not all currently have one.
- Incorporating ECS events at every IUGG General Assembly.

Announcements

Workshops and Events

- SOLAS Open Science Conference 2024, Hosted by CSIR - National Institute of Oceanography, Goa, India. 10-14 November 2024. Early bird registration deadline: 10th July 2024. <https://solas-osc-2024.nio.res.in> Travel financial support available.
- Integrated Carbon Observation System Science Conference, 10th to 12th September, 2024, Versailles, France. “From GHG observations through science to services”. Read more [here](#).
- The Ocean Carbon and Biogeochemistry meeting list can be seen [here](#). A range of events are regularly advertised here!

Thank you!

Our sincerest thanks go out to our long-standing newsletter editor Danielle Su, who is now passing the torch to Aditya Narayanan. With passion and creativity, Danielle created all our previous newsletter editions. We are grateful for getting to work with Danielle for so many years, and for all the energy she has brought to this team. Danielle, we wish you all the best in your future endeavours, and look forward to following your work!