

A NEW IAPSO INITIATIVE

THE IAPSO EARLY CAREER SCIENTIST NETWORK

The IAPSO Early Career Scientist Network is open to anyone that self identifies as an early career scientist in physical or chemical sciences of the oceans.

OBJECTIVES

To provide advice from the Early Career Network to the IAPSO Executive Committee and to communicate key agenda from the IAPSO directive back to the IAPSO Early Career Scientist Network.

To maximize impact and connectivity of the IAPSO Early Career Network by liaising with other national and international networks.

To organize early career events at bi-annual IAPSO assemblies that may include mentoring, outreach activities, and maximizing networking between early career scientists and senior researchers.

To promote diversity as actively as possible and to create awareness on the associated gaps/challenges and discrimination that currently exist within the scientific community.

WELCOME NOTE

BY TREVOR J MCDUGALL , IAPSO PRESIDENT



Welcome, IAPSO Early Career Scientist Network,

The Executive Committee of IAPSO welcomes the establishment of the IAPSO Early Career Scientist Network.

IAPSO is the peak international body for physical and chemical oceanography. In fulfilling this role, IAPSO is actively involved in setting best practice standards and procedures for the conduct of our science. We also run international oceanographic meetings every two years, and we are taking an increasing role in publicising the importance of the ocean.

The UN Decade of Ocean Science for Sustainable Development (2021-2030) provides a great new opportunity to reach out to the public, and with their support, achieve oceans that are healthy and a sustainable relationship between ourselves and our one planet.

"There are some things that can only be done by truly international bodies."

It's exciting to see the launch of the IAPSO Early Career Scientist (ECS) Network and I commend the enthusiastic leaders for their initiatives to date. There are many things that can be achieved by working with groups inside our individual countries, but there are some things that can only be done by truly international bodies. Since both science breakthroughs and science job opportunities are inherently international, it is natural that an international forum is needed to serve Early Career Scientists.

The IAPSO Executive welcomes the suggestions and initiatives that have already arisen from the nascent ECS leadership, including being a one-stop-shop for physical and chemical oceanographic job openings, promoting diversity, establishing ECS networking, and the use of social media. We look forward to working together for mutual benefit and for spreading the word about the importance of the oceans.

Our shared goal must be that the general public understands the ocean's increasing heat content, it's increasing acidity, it's de-oxygenation, and it's plastic pollution.

We commend the IAPSO ECS Network to all early career scientists of the oceanographic species.



Malin Ödalen, Kay McMonigal and Casimir de Lavergne giving the opening welcome at the event.

27TH IUGG GENERAL ASSEMBLY , MONTRÉAL CANADA

IAPSO EARLY CAREERS NETWORKING EVENT

July 9th 2019 was a big day for the IAPSO ECS network, as it was its official birthday. At the first-ever IAPSO ECS network social event, early career scientists came together to meet each other, as well as representatives of the ECS network and IAPSO executive committees. For us in the ECS network committee, it was a unique opportunity to meet potential members are, and to learn more about how we can make this network as useful and interactive as possible for our members. We met many enthusiastic ECS and many great ideas were brought to our attention.



Networking between IAPSO ECS and senior researchers

After short welcome notes by the previous IAPSO president Denise Smythe-Wright, and the ECS committee, it was time for the most important part of the evening - having fun and getting to know each other! With a table full of snacks and drinks, no-one was in a rush to go home, and engaged conversations were still on-going as the conference hall staff were preparing to close the doors for the evening. We would like to thank all of you who came to socialize with us and made this evening a happy birthday for the IAPSO ECS network.

MAILING LIST

Subscribe to our mailing list [here](#)

to stay updated about upcoming IAPSO events and opportunities!

MEET THE IAPSO ECS COMMITTEE



KAY MCMONIGAL
USA
MEMBER

Kay is a fifth year PhD student working with Prof. Lisa Beal at the Rosenstiel School of Marine and Atmospheric Sciences, University of Miami. His work focuses on observations of the Agulhas Current. In addition to the Indian Ocean, he loves running, reading, and beer.
Keywords: Indian Ocean, Heat transport, Agulhas Current



ALEJANDRA SANCHEZ-FRANKS
UNITED KINGDOM
CHAIRPERSON

Alejandra is a research scientist in the Marine Physics and Ocean Climate Group at the National Oceanography Centre (NOC) in Southampton. She joined NOC after finishing her PhD in Stony Brook University, New York in April 2015 to work on the Bay of Bengal Boundary Layer Experiment (BoBBLE) project, which is a joint collaboration between the UK and India investigating the role of the Bay of Bengal in monsoon variability. As of January 2019, she has joined the RAPID-AMOC (project monitoring the Atlantic meridional overturning circulation) team.
Keywords: Physical Oceanography, Heat Transport, Large-scale circulation



CASIMIR DE LAVERGNE
FRANCE
MEMBER

Casimir's path in oceanography started with a Masters degree at McGill University (Canada), where he studied the formation of cold dense waters around Antarctica. PhD student at Sorbonne University (France), then post-doc at the University of New South Wales (Australia), he set to explore the journey of these cold waters from the Antarctic margins to the ocean abyss. Now a researcher at the LOCEAN laboratory in Paris (France), he continues to investigate climatic functions of the deep and polar oceans, combining observations, theory and modelling.
Keywords: Deep ocean, Sea ice, Antarctica



MALIN ÖDALEN
SWEDEN
VICE-CHAIRPERSON

Malin is a soon-to-be-finished PhD student at the Department of Meteorology at Stockholm University working on ocean carbon storage across climate states, mainly using intermediate complexity models. Passionate about the ocean, world politics, outdoor activities and her home region north of the Arctic Circle.
Keywords: Ocean carbon storage, Glacial/Interglacial cycles, Modelling



ARVIND SINGH
INDIA
MEMBER

Arvind Singh is a Reader at the Physical Research Laboratory (PRL), Ahmedabad, India. He obtained his Ph.D. in Oceanography from PRL in 2011, was a postdoctoral fellow at University of Gothenburg, Sweden (2012) and GEOMAR Kiel, Germany (2013-2015). His research interests are biogeochemical cycles of carbon and nitrogen in the ocean and atmosphere, stable isotopes in the marine environment and oceanographic time-series studies. He teaches ocean biogeochemistry and error analysis courses at PRL, and has given invited lectures on climate change and hydrosphere to masters and Earth Science Olympiad students in India.
Keywords: Marine nutrient cycling, stable isotopes, ocean biogeochemistry



DANIELLE SU
AUSTRALIA
MEMBER

Danielle started her journey as an oceanographer moving from one island (Singapore) to another (Australia) and recently completed her PhD at The University of Western Australia investigating flow topography interactions around islands in the Northern Indian Ocean. She obtained her BSc (Hons) - Physical Sciences (2014) and BSc Marine Science (2013) from James Cook University, Townsville where she worked on oceanographic instrument development and mixing processes around coral reefs. Enjoys hiking and good wine, especially if done together.
Keywords: Modelling, Mesoscale processes, Tropics

DEAR EARLY CAREER OCEANOGRAPHERS

Welcome to the first ever IAPSO Early Career Scientist (ECS) newsletter! We are excited to be launching this network alongside the other members of the ECS committee!

This network and forum will provide a great opportunity for us to connect with each other, i.e. all of you who identify yourselves as ECS physical/chemical oceanographers and form a peer-to-peer network aimed at supporting early career scientists through the early stages of their career. We envision a network that will provide networking opportunities (ECS to ECS as well as ECS to senior scientists), mentoring, conference activities, and easy access to information about advertised jobs, ship/field work opportunities, workshops, conferences, and more. A large component of this working network will also be to promote diversity and inclusion as actively as possible.

With that, we want to wish you all welcome to this network!
Looking forward to getting the conversation started.

**THE IAPSO ECS CHAIRPERSON AND VICE-CHAIRPERSON
ALEJANDRA AND MALIN**

"Now is your opportunity to send us your feed - what do YOU feel this network could do that would make your ECS life easier/more interesting?"

E-mail us at
iapsoecs@gmail.com
with your ideas, big or small!"

JOIN US!

Interested in becoming a member of the IAPSO Early Career Scientist Committee?

Send us an email at iapsoecs@gmail.com with a one-page CV