

Challenger Wave



Monthly newsletter of the Challenger Society for Marine Science (CSMS)

NEWS

Challenger Travel Awards and Stepping Stones bursary

Four Travel Awards, were awarded this year. The successful recipients are Emma Ward (Portsmouth, World Seagrass Conference & International Seagrass Biology Workshop 2022), Lucy Coals (Swansea, World Seagrass Conference & International Seagrass Biology Workshop 2022), Thea Moule (Bangor, International Coral Reef Conference 2022) and Pablo Pignata (Southampton, EGU22). Alastair Lough (Leeds) received a Stepping Stones Bursary to attend the Euromarine workshop "Reconciling the Impact of Trace Metal Limitation on Microbial Metabolism and Productivity". Our congratulations to them all.

Challenger Medal Awarded 2020 and 2022

The Challenger Society is delighted to announce the delayed award of the 2020 Challenger Medal to Prof. Alberto Naveira Garabato, and of the 2022 Challenger Medal to Prof. Carol Robinson.



We are absolutely delighted to honour these two fantastic scientists in this way, and look forward to hearing their Award Lectures at the forthcoming Challenger 150 meeting at the forthcoming Challenger 150 meeting at the Natural History Museum. For more information about the Challenger Conference 2022 please visit www.nhm.ac.uk/our-science/science-events/the-challenger-society-conference-2022-in-london.html.

UN Ocean Decade launches new Call for Decade Actions No. 03/2022

Coinciding with the International Year of Artisanal Fisheries and Aquaculture, the scope of the new Call for Decade Actions No. 03/2022 for Decade Programmes is Challenge 3, Sustainable Blue Food, and Challenge 4, Sustainable Ocean Economy. Building on the impact of the Ocean Decade since its launch in January 2021, the call aims to continue addressing thematic and regional gaps and to encourage transformative science to achieve the outcomes identified for the next ten years.

The ocean is the foundation for future global economic development, human health and well-being, it provides food security and livelihoods for hundreds of millions of the world's poorest people. But to achieve the vision of a sustainable and productive ocean, knowledge and tools to support the recovery of wild fish stocks, and the deployment of sustainable fisheries management and aquaculture practices are needed. Innovation, technological developments and decision support tools to minimize risk, avoid lasting harm and optimize the contribution of economic sectors to the development of a sustainable ocean economy are essential. Providing governments and industrial decision-makers with tailored information and ocean management frameworks such as sustainable ocean planning that build resilience, recognize thresholds and avoid ecological tipping points, are required to guide the development of sustainable ocean economies and promote marine sectors.

The two selected Ocean Decade Challenges, www.oceandecade.org/challenges/, are closely interlinked. The term 'sustainable ocean economy' has numerous facets across different sectors, including elements related to energy, fisheries and aquaculture, shipping, tourism, etc. For the Call for Decade Actions No. 03/2022, 16 endorsed Decade Programmes are also inviting

Project submissions. These “umbrella” Decade Programmes include various thematic orientations, some focusing on marine life and ocean observations, others on regional action such as in the Mediterranean Sea.



From a regional perspective, the Call for Decade Action No. 03/2022 seeks to target Projects focused on Africa and Pacific Small Island Developing States (SIDS). To date, the Ocean Decade has worked hard to mobilise resources around the world, but these regions continue to be underfunded compared to regions such as Europe and North America.

Interested parties should complete and submit the relevant online “Request for Endorsement” form. Please note that there are several different online forms and different deadlines depending on the type of Action you are submitting. While submissions for Programmes and Projects are limited to the opening period of the Call for Decade Actions, Decade Contributions may be submitted on a rolling basis.

Institutions based in Africa, SIDS, Least Developed Countries or Land-Locked Developing Countries who would like to discuss their application and receive additional support to make connections to potential partners can contact oceandecade@unesco.org with “**Support for CFDA No. 03/2022**” in the subject line. You can find all of the documentation needed to submit an Action here: forum.oceandecade.org/page/call-for-decade-actions.

Call for Papers: DSR-II Special Issue on IMBeR West Pacific Symposium

The IMBeR West Pacific Symposium, ‘Changing West Pacific Ocean: Science and Sustainability’, was held between 22nd-25th November 2021 in Shanghai. This online event drew more than 900 participants and more than 160 presentations to

provide new scientific observation results and perspectives on the changing marine biosphere in the West Pacific Ocean and its neighboring Indian and Southern oceans. It also brought many notable success stories about how scientific research activities empower us to cope with changing oceans due to global warming and harness the ocean’s wealth sustainably. The symposium topics covered coastal blue carbon, coral reefs, dried small fish, ecosystem-social interactions in the coastal sea, marine biogeochemistry and biodiversity in the Indo-Pacific Region, marine-extreme events, oceanic top predators, tropical ocean ecosystem, and ocean interventions. It forged a camaraderie amongst the scientists and stakeholders interested in the West Pacific and its neighboring oceans from more than 70 countries.

We are delighted to announce that the Deep-Sea Research II special issue, two volumes, stemming from the IMBeR West Pacific Symposium are under development. All presenters at the symposium are kindly entitled to submit manuscripts for the special issue. The manuscripts generated through/by/from/during the West Pacific Symposium are all welcomed according to the IMBeR publication policy. If you have developed manuscripts that fit into the Symposium over the course of time and are interested in submitting ones, please follow the submission guidelines here, imber.info/wp-content/uploads/2022/03/Special-Issue-guidelines-for-IMBeR-WPS-V2.pdf, or contact IMBeR IPO-China (imber@ecnu.edu.cn); deadline 26th May 2022.

Call for Bids to Host 3rd IMBeR Open Science Conference in 2024

IMBeR (Integrated Marine Biosphere Research) is seeking a host for its next Open Science Conference, Future Oceans3, which will be held in 2024. The five-day conference will be preceded by two days of workshops and will provide a focus for the integration and synthesis of IMBeR research activities with the goal of providing new understanding and quantification of the past, present, and future structure and functioning of linked ocean and human systems in order to develop options for securing or transitioning towards ocean sustainability. The conference is expected to attract between 500 and 750 delegates from around the world.

Except for the enhanced capacity to incorporate virtual participation, Future Oceans3 is likely to follow a similar format as Future Oceans2, imber.info/event/2019-imber-open-science-conference/, which was held in Brest, France, in 2019. Future Oceans2 had over 600 participants engaged in 27 oral sessions, 12 workshops, a poster session, an early career day, and social events including a banquet (see conference booklet, imber.info/wp-content/uploads/2022/02/Conference-Booklet_IMBeR-OSC-FO2-1-443.pdf, for further details). Future Oceans2 brought approximately € 750,000 to the local economy.

The call is extended; bids to host Future Oceans3 should be submitted to John Claydon (imber@dal.ca) by the 1st June 2022 and limited to about 10 pages. Please include all relevant details. Download the call for bids flyer online from imber.info/news/call-for-bids-to-host-imber-future-oceans3-is-open/.

VIEWS

Were you ever inspired by a particular book? If so, please let Ocean Challenge know

Ocean Challenge regularly features reviews of newly published books, but now we would like you to tell us about those books that inspired you to go into marine science, or influenced the way your career has developed. Please send us a short piece of text, up to 300 words, telling us about your important book, and why you found it inspirational. You can also tell us about movies or music that meant something to you in your marine science career. With your support, we hope to enable readers to share what inspired them in upcoming issues of *Ocean Challenge*.

If you would like to get involved, please email the Editor of *Ocean Challenge* at AngelaMColling@gmail.com

Conservation of Arctic Marine Life Webcast

To be co-hosted by WWF Arctic Programme May 24th, 3 PM GMT. This will be a discussion on Arctic marine conservation cooperation. The speakers are:

Lauren Wenzel, Director, National Marine Protected Areas Center at the U.S. National Oceanic and Atmospheric Administration

Barnie Aggark, Senior Executive Director, Foxe Basin Kivalliq North Sapuqiyit Society, Nunavut, Canada

Martin Sommerkorn, Head of Conservation WWF Arctic Programme

Lauren Divine, Director, Ecosystem Conservation Office at Aleut Community of St. Paul Island, Alaska



Take part in the open and democratic dialogue. Submit your questions and comments live during the Dialogue. To register for the event visit us02web.zoom.us/webinar/register/3716486491385/WN_msPvOTN_RijDeOEojLoaQ, and for more information visit www.arcticcircle.org/sessions/connecting-the-marine-conservation-essentials.

SALTS

No news from sea this month I'm afraid

I know that this is a favourite section for many readers, where we get the inside information about life at sea, its thrills and spills. So please the next time you are at sea or carrying out any fieldwork, please remember that a simple paragraph or two will get you published here. – Ed

CALENDAR

7th June 2022: Structures in the Marine Environment (SIME) 2022 conference

Edinburgh, Scotland

MASTS are assisting with this year's conference which will be held in person in Edinburgh at the

Royal Scots Club on Tuesday 7th June. Academics, stakeholders, industry and government representatives and interested parties are invited to come together for talks, posters, networking and discussion about artificial structures already within the marine ecosystem, and new infrastructures that will be put in place over the coming decades.

In response to our societal need to generate energy, artificial structures have been placed into our coastal and marine environments. The structures range from oil and gas installations, associated pipelines and seabed infrastructure, and now with the Government's new Energy Strategy 2022 we also look towards a massive increase in renewable energy via offshore wind farms. Inevitably, these structures host communities by providing habitat and shelter, and potentially serve as stepping-stones for the spread of some species. In addition to deliberately placed structures, shipwrecks can also serve a similar function. In turn, the biodiversity that develops on these structures can affect biological, hydrodynamic and biogeochemical processes from the water column to the seafloor, either directly (e.g. scouring) or indirectly (e.g. displacement of fisheries) and, hence, ecosystem functioning is also affected at various spatial and temporal scales. Science has an important role to play in both development decision-making as well as decommissioning, and we need a robust evidence base for informed environmental management decision-making. We need to be clear about how future artificial structures that are put into the marine environment will affect the marine biological ecosystems, what should happen to these structures when they have been decommissioned and what the ecological best practice is in relation to decommissioning and rigs/renewables-to-reefs.

Within an international context, SIME2022 will focus on the impact that the presence or removal of structures in the marine environment may have on biological marine ecosystems. For more information, visit www.masts.ac.uk.

23rd–27th May 2022: The General Assembly 2022 of the European Geosciences Union (EGU)

Vienna, Austria

The EGU General Assembly 2022 will bring together geoscientists from all over the world in one meeting covering all disciplines of the Earth,

planetary, and space sciences. The EGU aims to provide a forum where scientists, especially early career scientists, can present their work and discuss their ideas with experts in all fields of geoscience.

In view of increasing event restrictions in Austria, currently limiting events to 2000 people, that we anticipate will be relaxed later in the year and attendee concerns over the high infection rates in Europe, the EGU has had to make some important changes to our plans for this year's General Assembly. Firstly, we have had to move the date of the meeting to May. Moving the meeting back closer to summer months means that infection rates are likely to be lower and the Austrian rules around large events will be more flexible.

Secondly, we have had to change the format of the meeting, so that all presentations will now be 'short orals (egu22.eu/about/provisional_meeting_format.html)', that can be delivered and viewed either online or in person. This change is a result of restrictions on having a large number of non-seated people in an enclosed space, like a poster hall, which has meant that we can no longer offer the poster or vPICO options in 2022. We are also creating opportunities for both online and in-person audience participation with this format, that we hope will maintain the accessibility that we were aiming to achieve with this, our first step towards a fully hybrid meeting.

For more information about the changes to the General Assembly please read the full news announcement (<http://www.egu.eu/news/886/important-update-egu22-change-of-date-and-format/>) or the updated FAQ egu22.eu/about/egu22_faqs.html.

The assembly is open to the scientists of all nations. The entire congress centre is fully accessible by wheelchairs. For more information regarding the programme and registration please visit egu22.eu/.

19th–22nd June 2022: Ecosystem Studies of the Subarctic and Arctic Seas (ESSAS) 2022 Annual Science Meeting
Washington, Seattle, USA



Ecosystem Studies of the Subarctic and Arctic Seas (ESSAS) 2022 Annual Science Meeting

Bridging the past and present to manage the future of northern fisheries and ecosystems



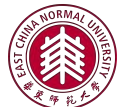
19-22 June 2022
Fisheries Auditorium, University of Washington
Seattle, WA, USA

Hybrid in-person/online

High-latitude marine ecosystems are undergoing rapid changes due to increasing anthropogenic carbon emissions, with potentially important impacts on living marine resources and on the people dependent on these resources. These systems, particularly the gateways to the Arctic, have undergone large changes in the past between periods of cooler and warmer conditions, as evident in the paleo-ecological record. The 2022 ESSAS Annual Meeting aims to bridge perspectives from paleo-ecology, contemporary ecology, and human-environment interactions to inform the future management of fisheries and other living marine resources. The meeting will encompass a shared session with the [Oceans Past Initiative](#).

Sessions include:

- Interdisciplinary collaboration across the marine sciences and humanities: Past, present and future
- The past, present and future of codfish population in the subarctic and Arctic
- Building on the past to predict the future: scenarios, models and interdisciplinary approaches to predicting future marine conditions and fisheries



imber@dal.ca

4th–8th July 2022: VIII International Symposium on Marine Sciences

Las Palmas de Gran Canaria, Spain

A number of Conferences will take place under the umbrella of the Marine Sciences Week in Las Palmas de Gran Canaria, these are:

- International Symposium on Marine Sciences (ISMS 2022)
- International Symposium on Artisanal and Recreational Fishing in Islands Systems (ISARFIS)
- Expanding Ocean Frontiers (EOF)
- Maritime Spatial Planning (MAPSIS22)
- Iberian Seminar on Marine Chemistry (SIQUIMAR)
- Marine Litter (BAMAR)
- International Conference on Modern and Fossil Dinoflagellates (DINO12)



Auditorio
Alfredo Kraus



Las Palmas de Gran Canaria - Canary Islands - Spain

The ISMS 2022 will be a face to face event and online event. All sessions will also be available online 48 hours after they take place. The recordings will be accessible until August 1st at 12:00 (Canary Islands time). For more information see the web page, isms-canarias.com/.

27th–29th August 2022: Arctic Circle Greenland Forum

Nuuk, Greenland

Greenland in the global Arctic, climate and prosperity, geopolitics and progress, organised in association with Naalakkersuisut, the Government of Greenland.

The Forum will be held at the Katuaq Cultural Centre in Nuuk. Governments, universities, research institutions, organizations, associations, companies and other partners are invited to submit proposals for Sessions to the Arctic Circle Secretariat. Submit your proposal before the 1st June by visiting www.arcticcircle.org/proposal-guidelines-for-the-greenland-forum. Registration will open in late May, for more information, visit www.arcticcircle.org.



5th-8th September 2022: ECSA 59: Using the best scientific knowledge for the sustainable management of estuaries and coastal seas

San Sebastian, Spain

ECSA 59 will bring together a global multi-disciplinary community of researchers, educators and practitioners to address issues of outstanding importance in the science (both natural and social) and management of estuaries and coastal seas in this rapidly changing world. Main topics include:

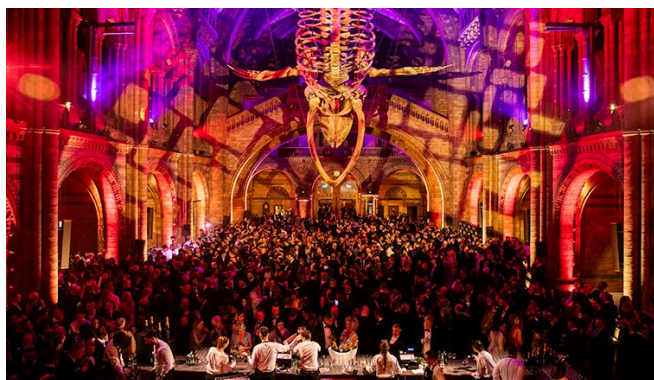
Changing physical settings and processes
Biogeochemical processes and fluxes at the land

sea interface
Shifting ecosystem structures and functions
The human dimension: impact, management, governance

For our full list of topics and special sessions please visit the website at www.estuarinecoastalconference.com/submit-abstract.asp.

5th-9th September 2022: Challenger Society Biennial Meeting – celebrating the 150th anniversary of the Challenger Expedition
London, UK

The Challenger Society is delighted to announce that the Challenger 150 Conference 2022 registration and abstract submission is now open. This is a once in a lifetime opportunity to have dinner in the spectacular surroundings of the Natural History Museum Hintze Hall, underneath 'Hope' the Blue Whale. Guests will be allowed to circulate the galleries including a new display of Challenger art and specimens in the Images of Nature gallery prior to the dinner.



Conference: 6th-8th September 2022
Side events: 5th and 9th September 2022

Hosted by the Natural History Museum and Imperial College, London, UK, the Challenger Society Conference will mark the 150th anniversary of HMS Challenger setting off on her round the world voyage. The meeting will be held in person at the Royal Geographical Society, Natural History Museum and Imperial College in South Kensington, London.

Challenger members are eligible for reduced registration rates by providing their membership number and membership type. You can login to your account at, www.challenger-society.org.uk/Members, to check this information prior to registering. If you encounter any issues

www.challenger-society.org

regarding your Challenger membership please email chelsey.baker@noc.ac.uk. After registering for the conference, you will receive an email and form to submit an abstract.

Abstract submission closes 15th May
Registration closes 1st July

The Conference web site is, www.nhm.ac.uk/our-science/science-events/the-challenger-society-conference-2022-in-london.html. If you have any questions regarding the conference please email challenger150@nhm.ac.uk.

19th-23rd September 2022: Open Science Conference on Eastern Boundary Upwelling Systems (EBUS): Past, Present and Future and the Second International Conference on the Humboldt Current System
Lima, Peru



The meeting will bring together PhD students, early career scientists and world experts to understand, review, and synthesize what is known about dynamics, sensitivity, vulnerability and resilience of Eastern Boundary Upwelling Systems and their living resources to climate variability, change and extreme events. For more information, visit www.ebus-lima2022.com/.

5th-19th October 2022: Ocean Best Practices System (OBPS) Workshop VI
Virtual

The OBPS announces that the Ocean Practices Workshop VI will take place virtually with plenaries on the 5th (opening plenary 1A), 6th (opening plenary 1B), and 19th (closing plenary) of October 2022 (each three hours long). Working Group sessions will meet in between, at times of their own choosing.

The Workshop will cover a broad range of topics proposed and selected by session leads and the workshop coordinators. For the plenaries, there are two general themes: 1) Guiding technology evolution and use, and 2) Capacity development and sharing, with an emphasis on developing countries. Let us know if you are interested in

participating, or in proposing a theme or session for a Working Group, by filling out the Interest to Participate short form at docs.google.com/forms/d/e/1FAIpQLSc5MEiuWVNa5JXah47qoldhKrDopmcY2bEzBcVu2MLrAATHJQ/viewform.

Please circulate this invitation to colleagues who may be interested in focused discussions; those who may want to learn more about developing, curating and sharing Ocean Practices; and to help plan the next three to five years of OBPS and its Ocean Decade programme: "OceanPractices". Should you have any questions, please e-mail us at info@oceanbestpractices.org. We look forward to hearing from you, Frank Muller-Karger, Chair, OBPS Workshop VI; On Behalf of the Ocean Best Practices System Steering Group

11th-13th October 2022: 7th Argo Science Workshop

Brussels, Belgium

We are pleased to announce that the call for abstracts is open for the 7th Argo Science Workshop. Deadline for abstract submission: 31 May 2022.



This international workshop is hosted by Euro-Argo and will take place in the Royal Belgian Institute of Natural Sciences, Brussels, as a hybrid event with in-person and virtual attendance options. You will find the call for abstracts and the submission form on the workshop webpage, www.euro-argo.eu/News-Meetings/Meetings/Others/7th-Argo-Science-Workshop-October-2022. We look forward to receiving your abstracts.

13th-16th October 2022: Arctic Circle Assembly

Reykjavik, Iceland

Arctic Circle, www.arcticcircle.org, provides an open, democratic platform for discussion and cooperation on Arctic Affairs, for Governments,

universities, research institutions, organizations, associations, companies and other partners.



Attended by more than 2000 participants from over 60 countries, the Assembly is the largest international gathering on the Arctic. Every year, participants can attend over 150 Sessions, receptions, art exhibitions, film screenings and more with various networking opportunities provided throughout the Assembly days.

8th-10th November 2022: 12th MASTS Annual Science Meeting

Scotland

Save the date for the Marine Alliance for Science and Technology Scotland (MASTS), more details soon.

27th–30th November 2022: 2nd Springer MedGU Annual Meeting 2022

Marrakech, Morocco

The Mediterranean Geosciences Union, association.medgu.org/, in collaboration with Springer and Ibn Tofail University (Morocco) organizes the 2nd MedGU. Visit our website (www.medgu.org) to learn more about the event.



On this occasion, we are pleased to invite you to take part in the conference (in-person or virtually) and share/discuss your latest research findings. The MedGU Annual Meeting is one of the largest international geoscience meetings (200 attended in-person the MedGU-21 in Istanbul and 250 online).

The MedGU Annual Meeting aims to provide a forum where geoscientists, especially early career researchers, can present and discuss their findings with experts in all fields of geosciences. It

will feature talks and panels covering a diverse range of geoscience and geoscience-society topics. Abstract submissions (max. 350 words) will be accepted until 20th May 2021.

The MedGU-22 encourages submissions of research works from all regions of the world. The MedGU-22 Proceedings will be published in Springer ASTI Series (indexed in Scopus & SCImago). Contact us, if you need more information, contact@medgu.org.

4th – 6th November 2023: Arctic Circle Japan Forum

Tokyo, Japan

The Arctic Circle is collaborating with the Sasakawa Peace Foundation in organizing the Forum. Governments, universities, companies, research institutions, organizations, associations and other partners were invited to submit

proposals for Sessions. For more information visit www.arcticcircle.org/forums/arctic-circle-japan-forum.



The CSMS email address is info@challenger-society.org.uk. Contributions for next month's edition of Challenger Wave should be sent to: john@vectisenvironmental.com by the 31st May.

JOBS and OPPORTUNITIES

POSTDOCTORAL POSITION IN PHYSICAL OCEANOGRAPHY, IMEDEA (CSIC-UIB), MALLORCA

The Oceanography and Climate Change department at IMEDEA (CSIC-UIB) is seeking a Postdoctoral Investigator. This is a full-time position. The initial appointment will be for one year with the possibility of an extension for an additional year based on satisfactory performance.

JOB SUMMARY:

A successful candidate will work on the characterization of the horizontal and vertical motion associated with ocean fronts in the Balearic Sea using observations from different platforms (CTD, ADCP, thermosalinograph, underway-CTD, gliders, and drifters), and the evaluation of different artificial intelligence approaches for diagnosing vertical velocity using model simulations. The appointee will be based at IMEDEA and will carry out research in collaboration with other international groups participating in the Departmental Research Initiative CALYPSO, which is funded by ONR. The project offers scope to investigate ocean submesoscale dynamics and understand the pathways for subduction from the upper ocean to the interior. The postdoctoral investigator will have an opportunity to participate in educational and outreach activities associated with the project.

EDUCATION & EXPERIENCE DESIRED:

- 1 PhD in Physical Oceanography.
- 2 Strong computer and programming skills, data analysis and visualization.
- 3 Demonstrated ability to communicate effectively and work collaboratively.

IMEDEA is a joint research center of the Consejo Superior de Investigaciones Científicas (CSIC) and the Universitat de les Illes Balears (UIB) located in Mallorca, Balearic Island (Spain). One of the objectives of the Oceanography and Global Change department is to study the physical mechanisms that explain the dynamics of the ocean system in the context of global change. The variability of scales involved, from meters to thousands of kilometers and from seconds to years, and their nonlinear interactions, make understanding these mechanisms a real internationally established challenge. We address this challenge by combining -using a physical and mathematical background- theoretical, observational (in situ and remote), and numerical modeling approaches, particularly (but not exclusively) on the Mediterranean Sea, which becomes an ocean laboratory on a small scale, ideal to understand physical processes, to try new ideas and to support various activities in the maritime environment. It is an interdisciplinary group with significant external relationships with other groups, organizations, and companies.

APPLICATION INSTRUCTIONS:

Please, send a cv (resume) that includes the names and contacts of at least 3 references, a statement describing research interests and career goals, and up to three relevant publications (or preprints). Please, send your applications to Simón Ruiz (simon.ruiz@imedea.uib-csic.es) and Ananda Pascual (ananda.pascual@imedea.uib-csic.es). Applications will be reviewed as received until the position is filled. Applicants should not have previously held a postdoc position for more than three years to be eligible for this position. Please contact Simón Ruiz (simon.ruiz@imedea.uib-csic.es) or Ananda Pascual (ananda.pascual@imedea.uib-csic.es) with any questions about the position.

There are jobs on the IMBER web site

<http://www.imber.info>



Integrated Marine Biosphere Research

Jobs and opportunities

New

- PhD and postdoc: A multi-scale modelling approach for understanding time-and space-scales of variability within the western Indian Ocean, SAEON, University of Cape Town and University of Plymouth, Cape Town. Open until filled; **apply now**
- Postdoc/Senior Researcher: Global storm-resolving atmospheric modeling, Princeton University, New Jersey, USA. Open until filled; **apply now**
- Postdoc, Physical Oceanography, Woods Hole Oceanographic Institution, Massachusetts, USA. No deadline given; **apply now**
- Three positions, AOOS, Anchorage, Alaska, USA. Apply by **25 May**
- Open call for Early-Career Session Co-Leads at the Ocean Best Practices Virtual Workshop VI, online. Apply by **31 May**
- Project Scientist: Ocean reporting, Mercator Ocean, France. Apply by **31 May**
- Lecturer/Associate Profession, Climate Science, University of South Hampton, England. Apply by **31 May**
- Two tenure-track faculty positions: Fisheries and ocean sciences University of Alaska, Fairbanks, Alaska, USA. Apply by **31 May**
- Two PhD position: oceans and global climate change, DTU, Denmark. apply by 1 June
- PhD: Future Earth. Climate Change and Societal Challenges, university of Bologna, Italy. Apply by 9 June
- Multiple hires, Project Drawdown, anywhere within the USA. Apply by **13 June**
- Senior Scientist, The National Centers for Coastal Ocean Science (NCCOS), Silver Spring, M< USA. Apply by **17 June**
- PhD: Monitoring for alien species in MPAs, Centre for Invasion biology, Stellenbosch University, South Africa. Apply by **31 July**

In case you missed it...

- PhD: Monitoring for alien species in MPAs, Stellenbosch University, South Africa. No deadline given; **apply now**
- Senior Laboratory Technician, Nature Metrics, Guildford, UK. No deadline given; **apply now**
- Manager - Ocean markets, World Wildlife Fund. No deadline given; **apply now**
- Marine Science Manager, GVI, Mahe, Seychelles. No deadline given; **apply now**
- Executive Director, Integrated Ocean Observing System (IOOS) Association, Open until filled; **apply now**
- Project Scientist: Ocean reporting, Mercator Ocean International, France. Apply by **31 May**
- PhD: Developing meaningful marine biodiversity indicators to support conservation, University of Plymouth, UK. Apply by **1 October**

imber@imr.no