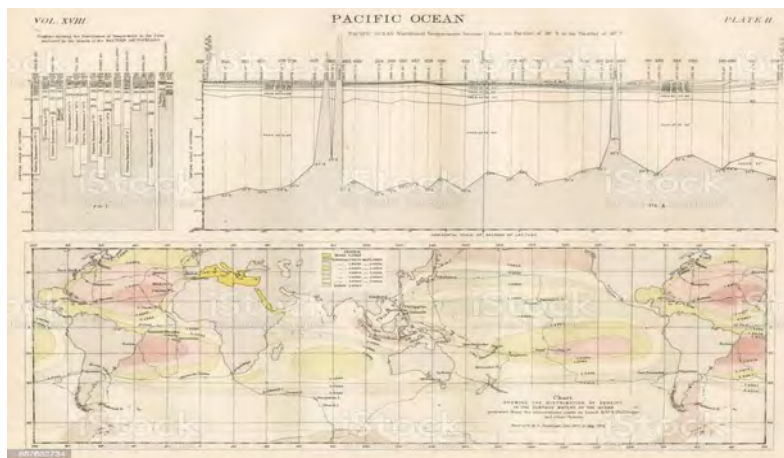


**CANADIAN OCEAN SCIENCE NEWSLETTER
LE BULLETIN CANADIEN DES SCIENCES DE L'OcéAN**

**Newsletter Number 127, November 2022
Bulletin numéro 127, novembre 2022**

Table of Contents

OCEAN SCIENCE NEWS.....	2
The Kelp Brings All the Isopods to the Yard.....	2
Des cosmétiques à base d'huîtres.....	4
Prix du CNC du SCOR pour océanographe en début de carrière.....	5
CNC-SCOR Early Career Ocean Scientist Award.....	6
Discovery Centre and MEOPAR Team Up for Climate Education.....	7
MEETINGS.....	8
SCMO Congrès 2023.....	8
CMOS Congress 2023.....	9
EGU General Assembly 2023.....	10
Future Coastal Ocean Climates FLAME Workshop 2023.....	11
Gordon Research Seminars and Conferences.....	12
POSITIONS AVAILABLE.....	13
Research Associate -Sea Star Wasting Disease.....	13
Faculty (Open Rank) Physical Oceanography.....	13
Research Scientist/Biological Oceanographer, Zooplankton Ecologist.....	14
Tenure Track Scientist - Ocean Acoustics.....	14
GENERAL.....	15
Call for 2023 SCOR Visiting Scholars.....	15
CMOS would like you to renew your membership online.....	16
The Massey Medal.....	16
ACUNS Awards and Scholarships.....	17
Canadian Ocean Science Newsletter Le Bulletin Canadien des Sciences de l'Océan.....	18
CNC-SCOR.....	18



OCEAN SCIENCE NEWS

The Kelp Brings All the Isopods to the Yard

From The [Hakai Institute](#)

By **Josh Silberg**, [Published](#) November 22, 2022

We often think big when considering how energy and nutrients move between ecosystems: a dead whale falling to the ocean floor, or salmon carcasses taken into the forest by a bevy of messy predators. Or kelp washing into a seagrass meadow? Okay, so that last example's not famous, but that doesn't mean it isn't important.

"A lot of work has focused on resources moving from productive to nutrient-poor habitats," says Carolyn Prentice, a scientist with the Hakai Institute and coauthor on a new study out in [Frontiers in Plant Science](#). "But less is known about how nutrients move between relatively productive habitats, and that could have unknown importance to the ocean ecosystem."



Choked Passage on the Central Coast of British Columbia is an area of high water flow where seagrass meadows and kelp forests grow side by side. [Photo by Keith Holmes](#)

So scientists from the Hakai Institute and the University of Victoria waded in to investigate these lesser-studied subsidies on the British Columbia Central Coast by looking into just how connected seagrass meadows are to the kelp forests next door.

Seagrass meadows are considered to be productive habitats full of life in their own right. The seagrass itself isn't particularly palatable to most herbivores, but the tiny diatoms and algae that grow on seagrass blades are appetizing to smaller grazers like snails, crabs, and other

crustaceans. These grazers play an important role in seagrass meadows. Like goats munching weeds from a field, they gobble up other kinds of algae that grow on the blades of seagrass and hinder the marine plants' potential growth.

One such grazer is the eelgrass isopod. It's a common crustacean roughly the size of a Mike and Ike candy that resembles a hulking lesser-legged centipede. This emerald-colored critter dines out in a seagrass meadow at a perfectly adequate underwater buffet, where it munches away half-heartedly at the somewhat bland, repetitive fare. All of a sudden, a mouthwatering smell wafts in as a new food truck pulls up outside—with delectable kelp on the menu. Does it bolt for the door, abandoning its usual ecosystem fare in favor of the new offerings?



An eelgrass isopod (*Idotea ressecata*) crawls along a data sheet as part of an experiment into the crustacean's feeding preferences. Photo by Angeleen Olson

Neighboring kelp forests also teem with life, including ample edible goodies that can drift into the seagrass meadow—and onto the grazers' radar—on occasion. So given the choice, what does a grazer in the eelgrass choose—the dependable food that's always there, or an episodic rush of grub from next door?

To find out, the researchers set up feeding trials where they gave eelgrass isopods and a species of kelp crab—two of the main grazers in eelgrass beds—a choice: bits of bull kelp, or their regularly available meals of other algae and seagrass. While kelp crabs weren't all that picky, the choice was clear for eelgrass isopods. They ate kelp at 20 times the rate of the other local food sources.



Hakai Institute researcher Carolyn Prentice snorkels through a seagrass meadow on the Central Coast of British Columbia. Photo by Angeleen Olson

"Kelp is known to be more palatable and nutrient rich," says Prentice, "but it was quite striking how much more the isopods consumed kelp."

It may seem like a small interaction—a minor blip in the grand scheme of wider ocean food webs. But it's indicative of the complexity of these coastal ecosystems.

"This kind of work is just emerging," says Angeleen Olson, a scientist with the Hakai Institute and lead author on the new study. "Seagrass meadows are studied really well on their own, but it's critical to know the connections and what we might be missing in these dynamic, important ecosystems."

Not only are there countless connections within habitats but also between habitats, even when both are relatively productive. There are no hard barriers. Ocean habitats don't exist in a vacuum. And eelgrass isopods won't turn down a kelp buffet.

Des cosmétiques à base d'huitres

De [France Bleu](#), Trouvé à [BioMar](#)

Les bretons n'ont pas de pétrole, mais ils ont de bonnes idées. Autant pour produire des produits de beauté issus de la mer, riches en calcium et en oligo-éléments, que pour recycler toutes les coquilles d'huitres rejetées par la mer et récoltées sur les plages. Le laboratoire [Aquatonale](#) et



Comment recycler toutes ces coquilles d'huitres © Getty - Lynda Morris Photography

leur marque [Perlucine](#) se sont fait les ambassadeurs des cosmétiques à base de coquilles d'huitres. Principalement déclinés en poudre, les cosmétiques Perlucine font la part belle au recyclage, et aux produits naturels. Pourquoi des cosmétiques en poudre ? Tout simplement pour éviter la surconsommation d'eau et les conservateurs. Ainsi, la poudre se conserve plus longtemps sans additif chimique et chacun, chacune, n'utilise que la quantité d'eau nécessaire pour les utiliser.

Les produits de la marque Perlucine sont labellisés Slow Cosmétique, écologiques, sains, éthiques et durables, ainsi que Bio Naturels et Bio Organics. Tout en gardant l'objectif premier des produits de beauté efficaces.

Prix du CNC du SCOR pour océanographe en début de carrière

Nominations demandées

Le prix pour océanographe en début de carrière est présenté à un océanographe ou à un spécialiste de la mer pour sa contribution exceptionnelle, en début de carrière, aux sciences de la mer (au sens large), au Canada. Le prix est octroyé soit pour un article ou une étude ponctuelle qui contribue de façon déterminante aux sciences marines, soit pour des travaux de longue haleine de haute qualité et qui apportent une contribution globale exceptionnelle.

- Le prix : le lauréat recevra une plaque commémorative avec son prix et aura la possibilité de se rendre (avec inscription, frais de résumé et voyage fournis par le CNC du CSRO) au prochain Congrès de la SCMO pour recevoir son prix et présenter un article.
- Obligations du lauréat :
 - Si le lauréat décide de se rendre au prochain Congrès de la SCMO, il remerciera le CNC du CSRO lors de sa présentation au Congrès de la SCMO.
 - Il sera également invité, sans y être obligé, à fournir un court article d'une à deux pages sur ses recherches pour le *Bulletin canadien des sciences de l'océan*.
 - En outre, si cela présente un intérêt pour le lauréat, celui-ci sera invité à siéger au comité du CNC du CSRO pendant un an, à compter du Congrès de la SCMO associé à son prix.
- Histoire du prix : le prix a été décerné pour la première fois en 2016. Y sont admissibles les candidats qui ont obtenu leur doctorat il y a moins de 10 ans et qui sont des Canadiens travaillant au Canada ou à l'étranger, ou des résidents permanents (notez que les périodes de congé, parental ou médical, par exemple, prises au cours de ces dix années, ne comptent pas, du moment que des preuves sont fournies). Le candidat peut travailler dans n'importe quel secteur des sciences de la mer : universitaire, gouvernemental, industriel, non gouvernemental, etc.
- Directives pour les nominations au prix :
 1. Les nominations doivent parvenir le **15 janvier** au plus tard, par courriel, au secrétaire du CNC du CSRO à davidgreenberg@alumni.uwaterloo.ca afin de pouvoir être considérées par le comité de sélection. Un accusé de réception sera envoyé si le candidat le demande.
 2. Le CNC du CSRO évaluera les nominations.
 3. Les nominations devront inclure une lettre de nomination soulignant les mérites du candidat (2 pages, maximum), deux à quatre lettres de soutien et un curriculum vitae à jour du candidat.

Les nominations qui n'auront pas été retenues seront prises en compte (et pourront être mises à jour) au cours des trois années subséquentes, ou moins, si le délai de dix ans est passé.



[Stephanie Waterman](#)
2016



[Kim Davies](#) 2017



[Daniel Boyce](#) 2018

CNC-SCOR Early Career Ocean Scientist Award Nominations Requested

The Early Career Ocean Scientist Award is presented to an early career oceanographer/marine scientist for an outstanding contribution to marine sciences (in the broadest sense) within Canada. The award can be based on a single work/paper that provides a seminal contribution to the field, or ongoing work at a sufficiently high level of excellence that provides an outstanding overall contribution.

- The Award: The award winner will receive a plaque with the award, and will be provided the option to travel (with registration, abstract fee and travel provided from CNC-SCOR) to the upcoming CMOS congress to receive the award and present a paper.
- Obligations of winner:
 - If the winner decides to travel to the upcoming CMOS Congress, they will acknowledge CNC-SCOR on their presentation at the CMOS-Congress.
 - The winner will also be asked, but is not obligated, to provide a short 1 to 2 page article on their research for the Canadian Ocean Sciences Newsletter.
 - Additionally, if of interest to the winner, the award winner will be invited to sit on the CNC-SCOR committee for 1 year beginning with the CMOS Congress associated with their award.
- History of the Award: The award will be presented for the first time in 2016. It is open to candidates (Canadians, working in Canada or overseas, or permanent residents) who are within 10 years of completion of their Ph.D. (note that periods of leave (e.g., parental, health) during this period do not count against the 10 year duration, provided appropriate documentation is provided). The candidate can work in any area of marine sciences, including academia, government, industry, NGO's, etc.
- Award Nomination Instructions:
 1. Nominations are to be received no later than **15 January**, by email to the CNC -SCOR secretary: davidgreenberg@alumni.uwaterloo.ca to be considered by the selection Committee. Receipt of submissions will be provided if requested.
 2. Nominations will be adjudicated by the CNC-SCOR committee
 3. Nominations will require a nomination letter highlighting the nominee's merits (maximum 2 pages), plus 2-4 supporting letters as well as an up to date CV of nominee

Nominations not selected for the award in previous years will be maintained active for three subsequent years (although they can be updated) or until the 10-year deadline has passed.



[Cathryn Clarke Murray](#) 2019



[Louis-Phillippe Nadeau](#) 2020



[Xianmin Hu](#) 2021



[Maya Bhatia](#) 2022

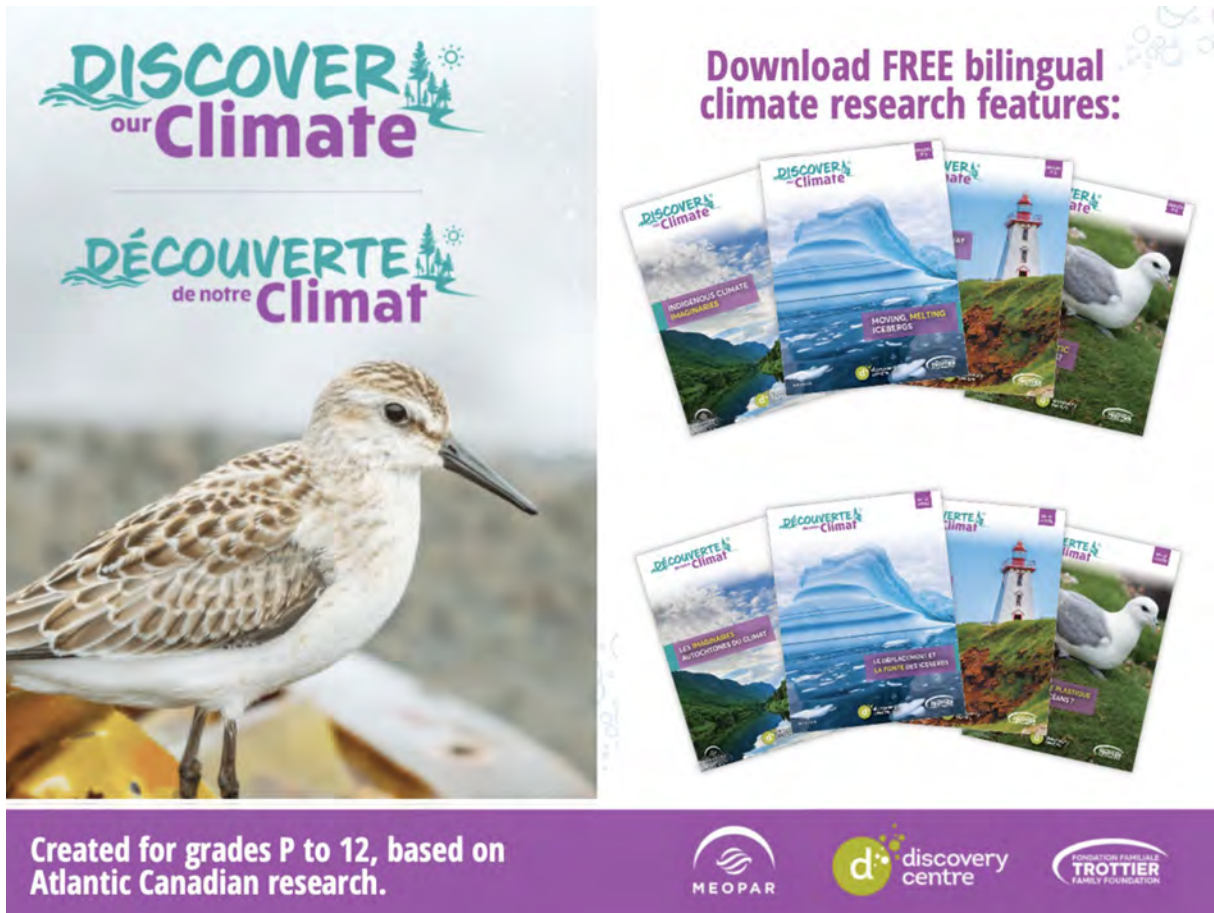
Discovery Centre and MEOPAR Team Up for Climate Education

Found on the [MEOPAR](#) site

The Marine Environmental Observation Prediction & Response Network (MEOPAR) and [Discovery Centre](#) have partnered on an innovative new program, [Discover Our Climate](#), to make a tangible impact on climate change literacy in communities and schools.

As climate change continues to have a profound impact on our planet, MEOPAR is proactively working to raise awareness of these impacts, how communities can adapt, and how to increase resilience to its far-reaching effects. Discovery Centre is committed to not only advancing environmental education but to inspiring the kinds of actions that will help to create a culture of environmental responsibility.

Together, MEOPAR and Discovery Centre developed the Discover Our Climate program, which takes MEOPAR's peer-reviewed climate research and creates free tangible education resources and actions for classrooms, informal educational institutions, and the public.



DISCOVER
our **Climate**

DÉCOUVERTE
de notre **Climat**

Download **FREE** bilingual climate research features:

Created for grades P to 12, based on Atlantic Canadian research.

MEOPAR

discovery centre

FONDATION FAMILIALE TROTTIER FAMILY FOUNDATION

[Download Discover Our Climate Teaching Tools](#)

This section of your newsletter provides an opportunity to highlight your research programs to the Ocean Science Community.

*Your are invited to send contributions to David Greenberg,
davidgreenberg@alumni.uwaterloo.ca*

Mettez en valeur vos programmes de recherche en publiant un article dans cette première section de votre bulletin.

*Faites parvenir vos contributions à David Greenberg,
davidgreenberg@alumni.uwaterloo.ca*

MEETINGS

SCMO Congrès 2023

28 mai - 1 juin 2023, St. John's (TNL) et virtuelle



Le 57e congrès de la Société canadienne de météorologie et d'océanographie (SCMO) se tiendra du 28 mai au 1er juin 2023 dans un format hybride avec des possibilités de participation en personne et virtuelle. La composante en personne sera accueillie par l'hôtel Sheraton à St. John's (T.-N.-L.).

Le thème du congrès est « **Rendez-vous sur le rocher: De l'environnement marin à l'économie bleue** », reconnaissant que c'est la première fois depuis plusieurs années que la communauté de la SCMO se réunira en personne. C'est également la première fois que nous adopterons un nouveau format hybride pour le Congrès où la participation virtuelle et en personne sera possible. Nous espérons que ce congrès renforcera les liens tissés entre nous, les scientifiques, et ceux entre la science et la société, notamment sur une meilleure compréhension des événements extrêmes et la promotion d'une Économie Bleue, « un concept visant à promouvoir la croissance économique, l'inclusion sociale et la préservation des moyens de subsistance tout en assurant la durabilité environnementale des océans et des zones côtières », comme définie par la Banque mondiale.

Appel aux sessions

Toutes les propositions de sessions soient soumises avant **le 13 décembre 2022** pour être examinées par le comité du programme scientifique. La liste préliminaire des sessions sera utilisée dans l'appel aux résumés, qui sera publié le 4 janvier 2023.

CMOS

Canadian Meteorological and
Oceanographic Society



SCMO

Société canadienne de météorologie
et d'océanographie

[Congrès 2023](#)

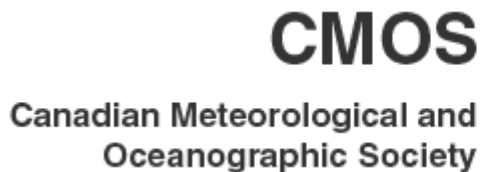


The Canadian Meteorological and Oceanographic Society (CMOS) 57th Congress will be held from May 28 to June 1, 2023 in a hybrid format with opportunities for both in-person and virtual participation. The venue for the in-person component will be the Sheraton Hotel in St. John's, NL.

The theme of the Congress is **“Connecting on the Rock: From the Marine Environment to the Blue Economy”**, recognizing that this is the first time in several years that the CMOS community will meet face-to-face. This is also the first time we will embrace a new hybrid format for the Congress and invite both virtual and in-person participation. We hope that this Congress will remind us of the connection we share with each other and the connection between science and society, particularly with respect to a better understanding of extreme events and fostering a Blue Economy, “a concept that seeks to promote economic growth, social inclusion and the preservation of livelihoods while at the same time ensuring environmental sustainability of the oceans and coastal areas”, as defined by the World Bank.

Call for Sessions

All session proposals are to be submitted by **Tuesday, December 13, 2022** for consideration by the Scientific Program Committee. The preliminary list of sessions will be used in the Call for Abstracts, which will be issued on Wednesday, January 4, 2023.



[Congress 2023](#)

EGU General Assembly 2023

Vienna, Austria & Online | 23-28 April 2023



The EGU General Assembly 2023 brings together geoscientists from all over the world to one meeting covering all disciplines of the Earth, planetary, and space sciences. The EGU aims to provide a forum where scientists, especially early career researchers, can present their work and discuss their ideas with experts in all fields of geoscience.

[Website](#)

[Abstract](#) deadline **10 January 2023, 13:00 CET.**

GEOTRACES or GEOTRACES-related sessions at EGU 2023:

OS3.1, Response of ocean biogeochemical cycles to climate change

This session invites submissions, from both observations and modelling efforts, that address the impact of historical variability and climate change on net primary production, biogeochemical cycling of nutrients and oxygen, and the ocean carbon cycle, including cascading effects for marine ecosystems to modulate biodiversity and ecosystem services.

OS3.2, Global ocean budgets and relationships to the carbon cycle and marine records

We invite submissions dealing with any aspect of elemental or isotope budgets in the ocean, particularly those covering overlooked processes that may be significant. We encourage abstracts, including modeling global changes in the ocean and on Earth, especially those that deal with the carbon cycle and possible effects on climate in the past, present, and future.



Future Coastal Ocean Climates FLAME Workshop 2023

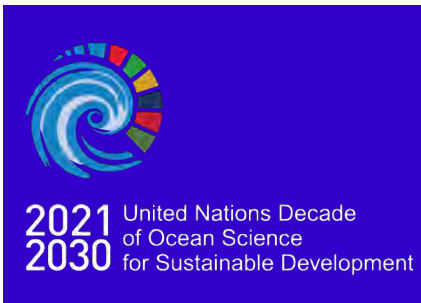
Jurys Inn, Keel Wharf, Liverpool, UK, 21-23 February 2023

This workshop will seek to bring together an international community of scientists to discuss and develop the key action areas of [FLAME](#):

- Assessing the performance of future coastal ocean projections
- Developing new and strengthening regional Earth System Models
- Developing new downscaling approaches and improving hazard information
- Advancing observation-model co-analysis and data assimilation
- Improving understanding of the global coastal oceans response to future climate



We invite submission of abstracts that align with these priority knowledge gaps and technical challenges. Studies investigating the potential response of the coastal ocean to future climate change in any region of the world, from the tropics to the poles are welcomed, including global model analysis and regional downscaling. In particular projections of future hydrodynamic, biogeochemical and ecosystem decadal-centennial change and regime shifts, and the impacts on coastal habitats (e.g. coral reefs, sea grass beds, mangroves) and ecosystem services (e.g. blue carbon stores, food security, natural hazard protection); coastal flooding and erosion in future climates, including risks and impacts of extreme and compound events and how they are induced by modified ocean state; coupling strategies for downscaled earth-system climate models, notably between terrestrial drivers and the coastal ocean; and assessments of climate model ensembles and uncertainty estimation in local-regional coastal-ocean areas.



During the UN Ocean Decade, FLAME aims to establish a co-ordinated community of future coastal ocean model practitioners and research scientists who will work towards a Coastal Ocean Model Intercomparison Programme (CO-MIP) to provide climate change impacts and hazard assessments to the next and future IPCC reports. At this first community workshop, we will share understanding and expertise and through dedicated discussion sessions (1) start developing a roadmap towards collectively achieving the CO-MIP ambition and (2) identify the community

focused recommendations and products that will support CoastPredicts 'Global Coastal Ocean Experiment'.

Venue and accommodation

The workshop will be held in the heart of Liverpool City centre at Jurys Inn, Keel Wharf.

For those wishing to stay at the workshop venue, a special rate of £125 per night (bed and breakfast) has been negotiated with the hotel. To take advantage of this rate please access the online booking portal <https://www.leonardohotels.co.uk/>. Select Jurys Inn Liverpool and the dates for the event you wish to book. To the bottom right of this section you will see "do you have a promo code" click on this and apply JINATI200223 . You will then be taken to the available room types and rates for the event, select your preference and follow the onscreen instructions to make your booking.

FLAME is an endorsed UN Ocean Decade Action and a core project of the CoastPredict Programme.

[Website](#)



PLEASE [REGISTER](#) AND [SUBMIT AN ABSTRACT](#) HERE!

Deadline 13th January 2023. **There is no registration fee.**

Gordon Research Seminars and Conferences

Various dates, locations USA, February, March, June, July, 2023

[Gordon Research Conferences](#) (GRC's) bring a global network of scientists together to discuss the latest pre-publication research in their field. GRC's unique format focuses on discussion and provides conferees with the opportunity to network informally during free afternoon times.



Gordon research Seminars (GRSs) are unique meetings enabling graduate students and postdocs to share in the GRC experience. Each seminar is held in conjunction with a related GRC and begins the weekend immediately prior to the GRC. Most GRS participants also apply to attend the associated GRC.



Mesophotic Coral Reef Ecosystems, Ventura, CA

[Conference](#): Connectivity and Resilience Relative to Shallow Reefs, February 19 - 24, 2023

Application **deadline January 22**

[Seminar](#): Leveraging Ecological and Molecular Approaches Within Data-Limited Mesophotic Ecosystems, February 18 - 19, 2023

Application **deadline January 21**

Polar Marine Science, Ventura, CA

[Conference](#): Integrating Ocean Physics and Biogeochemistry to Assess Polar Ecosystem Sensitivity to Rapid Change, March 5 - 10, 2023

Application **deadline February 5**

[Seminar](#): 4D Environmental Geometry: How Time and Space Shape Processes in the Polar Oceans, March 4 - 5, 2023

Application **deadline February 4**

Coastal Ocean Dynamics, Smithfield, RI

[Conference](#): Coastal Ocean Physics and its Connections to Marine Ecosystems, June 18 - 23, 2023

Application **deadline May 21**

[Seminar](#): Physical Drivers and Biogeochemical Riders of Coastal Ocean Currents, June 17 - 18, 2023

Application **deadline May 20**

Chemical Oceanography, Manchester, NH

[Conference](#): Chemical Tracers in the Sea, July 16 - 21, 2023

Application **deadline June 18, 2023**

[Seminar](#): Chemical Tracers in the Sea, July 15 - 16, 2023

Application **deadline June 17, 2023**

*Please send meeting announcements to
David Greenberg,
davidgreenberg@alumni.uwaterloo.ca*

*SVP faites parvenir vos annonces de réunion à
David Greenberg,
davidgreenberg@alumni.uwaterloo.ca*

POSITIONS AVAILABLE

Research Associate -Sea Star Wasting Disease

University of British Columbia, Vancouver BC

Applicants are invited for a Research Associate position in the Department of Earth, Ocean and Atmospheric Sciences at the University of British Columbia. We are looking for a highly motivated and innovative individual to join a multidisciplinary team that seeks to understand the cause of sea star wasting and the transcriptomics of disease resistance. This is an 18-month position with the possibility of a one-year extension subject to budgetary approval. The successful candidate must be able to start by mid January, 2023.



In collaboration with researchers at Friday Harbor Laboratories, Hakai Institute, the Nature Conservancy and The University of British Columbia, the successful candidate will lead transcriptomic and metagenomic studies on pathogen discovery and disease resistance in sea stars. This position is based at the Vancouver campus of The University of British Columbia. Some travel is required to Washington state and to Quadra Island to participate in experimental work.

Deadline: December 25, 2022

[Details](#)

Faculty (Open Rank) Physical Oceanography

Arizona State University, Tempe, AZ/Bermuda

The School of Ocean Futures <https://oceans.asu.edu/> and the Bermuda Institute of Ocean Sciences (BIOS, <http://www.bios.edu/>) in the Julie Ann Wrigley Global Futures Laboratory (GFL, <https://globalfutures.asu.edu/>) at Arizona State University invite applications for a full-time, academic year, faculty appointment in physical oceanography. The rank for this position will be determined at the time of hire and will be a tenured/tenure-track appointment, depending on experience. The anticipated start date for this position is August 2023.



Successful candidates will be expected to develop an innovative, extramurally-funded, research program; fulfill teaching obligations at both the graduate and undergraduate levels, including mentoring undergraduate and graduate students, and postdoctoral trainees; and have a commitment to engagement, outreach and leadership within and outside the University community.

Review of applications will begin on **January 3, 2023**.

[Details](#)

Research Scientist/Biological Oceanographer, Zooplankton Ecologist

Gulf of Maine Research Institute, Portland, ME

The Gulf of Maine Research Institute ([GMRI](#)) is seeking qualified candidates to establish a new research group that investigates climate-zooplankton-upper trophic interactions across spatial and temporal scales in the Gulf of Maine and adjacent Large Marine Ecosystems. The successful candidate will have experience with: (a) field-based experimental design and data collection, (b) in-lab analytical approaches, and (c) zooplankton modeling and forecasting to examine temporal and spatial variability in distribution, community structure, and ecology, with a focus on how these are affected by climate change, ecosystem conditions, and anthropogenic stressors. A strong quantitative background in, and technical knowledge of, zooplankton biology and ecology is preferred.



This position is a full-time (100% FTE), 9-month salaried position located in Portland, ME, USA at the Gulf of Maine Research Institute. The successful candidate will function as part of an interdisciplinary research program focusing on climate, physical, biological, and socio-economic factors that affect fisheries and the coastal communities that depend on the regional Blue Economy for their livelihoods and well-being.

Application deadline is **January 31st, 2023**.

[Details](#)

Tenure Track Scientist - Ocean Acoustics

Woods Hole Oceanographic Institution, Woods Hole, MA

The Department of Applied Ocean Physics and Engineering (AOPE) at the Woods Hole Oceanographic Institution (WHOI) is seeking to grow its scientific, tenure-track staff with up to 3 new hires in the Ocean Acoustics and Signals Laboratory. We are seeking candidates at all ranks with potential to complement or diversify existing strengths and become the next wave of ocean acoustic leadership.

WHOI Scientific Staff members develop externally-funded, and internationally recognized research programs. They also have the option of advising graduate students and teaching courses in the MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. Throughout their career, Scientific Staff also have access to significant internal funding opportunities and mentoring, including exciting new directions through WHOI's Vision 2030 Initiative. Early career Scientific Staff receive compensation support and start up packages as they develop their independent research portfolios. Scientific Staff are encouraged (although not required) to embark on interdisciplinary and entrepreneurial ventures and to develop collaborations within the Institution, its various centers, and the Woods Hole community.



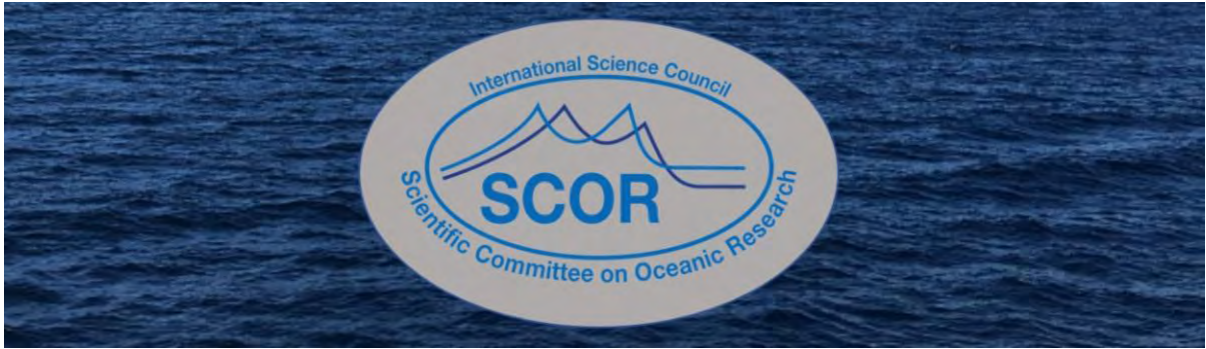
Applications will begin to be reviewed on **January 13, 2023**.

[Details](#)

Looking for work? Try the CMOS site ([click](#)).

Vous recherchez un emploi? Visitez le site SCMO ([click](#)).

Call for 2023 SCOR Visiting Scholars



Call for 2023 SCOR Visiting Scholars is now open!

We are receiving applications for the SCOR 2023 Visiting Scholar program.

The SCOR Visiting Scholar program enlists the services of ocean scientists, from both developed countries and developing countries, to teach short courses and to provide more extended on-site education and mentorship at developing country institutions.

This program is open to any scientists who have time available to spend teaching and mentoring in a developing country for ideally two weeks or more. The scholarships are not intended to conduct joint research, although collaborative research may develop as an outcome of a visit.

Applications will be reviewed by the SCOR Committee on Capacity Building based on the following criteria:

- Quality and relevance of the proposal focusing on knowledge exchange and mentoring
- A detailed working plan for the visit which should be co-developed with the host institution
- Experience of the candidate and fit with the program (language skills, teaching/mentoring experience, subject areas requested by the institution)
- Needs of the host institution and an estimate of how many students and/or early career scientists will benefit from the training
- Plans by the host institution to build upon the training/mentoring received

More information about the call and the application form can be found [here](#).

Deadline for applications: 23 December 2022

Applications should be sent to Patricia Miloslavich to: secretariat@scor-int.org

CMOS would like you to renew your membership online

Dear CMOS Member,

Every year at this time, we send you an invitation to renew your membership. Please help the Society save money on postage and renew online. Outstanding invoices will be mailed out if required.

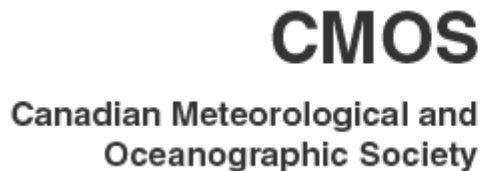
I trust you will continue to be part of the CMOS community. Take the time to renew online at <https://www.cmos.ca/>. Just login under the [Members Login link](#) at the top of the homepage. When doing so please consider making a voluntary donation to one of the CMOS funds – your generosity will greatly enrich our CMOS activities. In addition, please continue to use our website as a useful resource of our events, publications, news and announcements.

Thank you for being a member of our Canadian Meteorological and Oceanographic Society. I speak on behalf of our Society to thank you and express my appreciation of your active participation in our community!

Best regards,

Gordon Griffith, P.Eng., ing., FEC

Executive Director



SCMO

Société canadienne de météorologie
et d'océanographie

The Massey Medal

The Massey Medal was established to honour those who have contributed to the exploration, development or description of Canada's geography.

Established in 1959 by the Massey Foundation, the Massey Medal is awarded annually by the Society. Its purpose is to recognize outstanding career achievement in the exploration, development or description of the geography of Canada. Eligibility is restricted to Canadian citizens, although in special circumstances, the Medal may be awarded to a non-Canadian, subject to agreement by the Massey Foundation. It is always awarded to an individual, never a group. In a year in which no nominee is deemed to qualify, the Medal may be withheld.

The presentation of the Massey Medal is usually made at Rideau Hall by the Society's Patron, the Governor General, when His/Her Excellency's schedule permits. In years when this is not possible, a special award ceremony is held in conjunction with the College of Fellows Annual Dinner in Ottawa, with the President of the Society presiding.

[See past Massey Medal winners.](#)

How to nominate

Please look outside your organization, as well as within, when considering who might be an outstanding nominee. In considering suitable nominees, you are encouraged to be inclusive, in respect to gender and the diversity of Canadians.

You may submit one or more nominations for the medal using the form at the bottom of this page.

Annual deadline for nominations: January 15th

The Committee will retain nominations under consideration for a period of three years.

[Nomination details](#)

ACUNS Awards and Scholarships

For forty years, the Association of Canadian Universities for Northern Studies ([ACUNS](#)) has been an indispensable organization for the advancement of northern scholarship. Established in 1978, ACUNS is a registered Canadian charitable organization headquartered in Ottawa, with volunteer representatives at member post-secondary institutions across the country.



Association of Canadian
Universities for
Northern Studies



ACUNS established its annual scholarship program, the *Canadian Northern Studies Trust* (CNST) in 1982 to advance knowledge and understanding of Canada's North. The purpose of the CNST is to develop a cadre of scholars and scientists with northern experience and, at the same time, to enhance the educational opportunities available for northern residents. The funds administered by the CNST come from a variety of donors committed to northern research. The next cycle runs from October 30, 2022 to January 31, 2023.

Awards applicable to ocean science include:

CNST Scholarship

Value \$10,000

This award supports any researcher engaged in research culminating in a thesis or equivalent, including interdisciplinary and comparative studies.

Dr. Weston Blake Jr Memorial Doctoral Scholarship

Value \$10,000

Proposals are invited from candidates studying the physical sciences including interdisciplinary and comparative studies who: (a) engage in research culminating in a thesis or other such document; (b) include direct northern field research or experience as part of their studies; (c) whose programs are relevant to northern challenges or issues.

Kay and Peter McGeer Scholarship for Northern Research

Value \$3,000

This scholarship will be available to graduate students who are working in all subject areas including interdisciplinary and comparative studies, and:

- who are engaged in research culminating in a thesis or other such document;
- whose program makes a contribution to the North; and,
- who are working to establish meaningful relationships with local communities based on knowledge-sharing.

Dr. Jim McDonald Scholarship for Northern Research

Value \$5,000

The award supports graduate studies in the social sciences and humanities relevant to Canada's north and its inhabitants that culminates in a thesis or equivalent. Community-based-research, interdisciplinary research and local Indigenous collaboration will be given special consideration, as will those that can demonstrate specific focus and contribution to the North.

The ACUNS [Awards and Scholarships web page](#)

Canadian Ocean Science Newsletter Le Bulletin Canadien des Sciences de l'Océan

Previous [newsletters](#) may be found on the [CNC-SCOR](#) web site. The CNC-SCOR website is hosted by [CMOS](#).

Newsletter #128 will be distributed in **January 2023**.

Please send contributions to David Greenberg
davidgreenberg@alumni.uwaterloo.ca

Subscribing and Unsubscribing

If you wish to subscribe to this newsletter or cancel your subscription, please visit the website:

<http://www.mailman.srv.ualberta.ca/mailman/listinfo/cnc-scor>

Les [bulletins](#) antérieurs se retrouvent sur le site web du [CNC-SCOR](#). Le site du CNC-SCOR est hébergé par le [SCMO](#).

Le Bulletin #128 sera distribué en **janvier 2023**.

Veuillez faire parvenir vos contributions à David Greenberg, davidgreenberg@alumni.uwaterloo.ca

Abonnement et désabonnement

Si vous souhaitez vous abonner à cette newsletter ou annuler votre inscription, veuillez visiter le site web:

<http://www.mailman.srv.ualberta.ca/mailman/listinfo/cnc-scor>

CNC-SCOR

Members/ Membres

Paul Myers – Chair (U Alberta)
David Greenberg – Secretary (DFO-BIO)
Markus Kienast (Dalhousie)
Michael Scarratt (DFO-IML)
Paul Snelgrove (Memorial)
Stephanie Waterman (UBC)
David Fissel (ASL)
Lisa Miller (DFO)

Le Comité national canadien du Comité scientifique de la recherche océanographique (SCOR) favorise et facilite la coopération internationale. Il reflète la nature multidisciplinaire de la science océanique et de la technologie marine.

Members Ex-Officio/ Membres d'office

Peter Galbraith (IAPSO)
Keith Lennon (DFO-HQ)
Andrew Stewart (DFO-HQ)
Jim Abraham (President CMOS)
Gordon Griffith (Executive Director CMOS)
Jean-Éric Tremblay (Québec-Océan)
David Beauchesne (Québec-Océan étudiants)
Christopher Poitras (CMOS Students)
Jay Cullen (GEOTRACES)
Steve Mihaly (ONC)
Martine Lizotte (SOLAS)

The Canadian National Committee of the Scientific Committee for Oceanic Research (CNC-SCOR) fosters and facilitates international cooperation. It is a non-governmental body that reflects the multi-disciplinary nature of ocean science and marine technology.



WWW.CNCSCOR.CA