

CANADIAN OCEAN SCIENCE NEWSLETTER
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OCEAN SCIENCE NEWS

Canada-Chile One Ocean Collaboration

Extracted from the [PMSA Site](#)

Geographically, there are five oceans on planet Earth, and though each one may seem different, there is really only one inter-connected ocean; One Ocean with challenges that transcend cultural and political borders. As we move further into the [UN Ocean Decade](#), 'One Ocean Science' collaborations are increasingly recognized as critical to an equitable and sustainable planet

In the pursuit of this goal, marine researchers from Canada and Chile are developing an international strategy to work together through an ambitious statement of collaboration in ocean science.

These two countries may not be neighbors, but this collaboration is essential to modern marine science. The Pacific coastlines of Chile and Canada are remarkably similar and together make up over one-fifth of the world's coastline. Both nations are also heavily involved in polar research: Canada in The Arctic and Chile in Antarctica. These shared similarities also mean that the two nations face analogous ocean challenges: from ocean acidification and climate

change to salmon management, equitable collaboration with indigenous groups, and the creation and implementation of economically viable and sustainable resource management practices.

Through collaborative ocean research and education initiatives, Canada and Chile are uniquely positioned to improve our understanding of the ocean, and develop strategies to promote sustainable marine economic development, while gaining insight into the mitigation of ocean hazards from seismic activity to marine heatwaves.

This is what has ultimately led to the signing of a statement of intent between the Pacific Marine Science Alliance (PMSA) and Océanos Institute, the formation of a new Chilean consortium in ocean research, and a Memorandum of Understanding between the nation's science funding agencies.

More than a Decade in The Making

Collaborative research and exchanges between Canada and Chile have been building over the



Chile's Coast from Las Cruces ECIM

last ten years, led by Dr. Phillipe Tortell (UBC & PMSA Board Member) who has been conducting research in Chile and Antarctica over two decades, and Chilean peers Dr. Osvaldo Ulloa (U. Concepcion) and Dr. Ivan Perez-Santos (U. de Los Lagos), among others. In the last four years specifically, the [PRODIGY](#) project (Pacific Rim Ocean Data Mobilization and Technology) has been at the center of this work. The program, a partnership between UBC, UVic, the University of Waterloo, and the Chile's



Millennium Institute of Oceanography is training the next generation of ocean-data experts through advanced, interdisciplinary instruction in ocean observation, prediction, and data science. Perhaps most importantly, PRODIGY provides trainees with international, cross-cultural experience during the program. Additionally, [PROTÉGÉ](#) — a multi-year graduate student exchange program between UBC and Chile, funded by Universities Canada's Canadian Queen Elizabeth II Diamond Jubilee Scholarship Program (QES) — is growing the capacity of this partnership.

Now, ocean research consortiums from Canada and Chile are coming together to further expand on this relationship and foster additional opportunities for shared research and education programs between the two nations.

The Consortiums - Canada

The PMSA is a registered Canadian not-for-profit that was formed by five western Canadian universities – the University of Victoria, Simon Fraser University, University of British Columbia, University of Calgary, and University of Alberta – that is dedicated to advancing marine research, education, and innovation both nationally and around the world. This alliance also owns and operates the Bamfield Marine Sciences Centre ([BMSC](#)), located on the West Coast of Vancouver Island.

The PMSA recently launched a national initiative with [MEOPAR](#) (The Marine Environmental Observation, Prediction and Response Network), to expand research capacity and impact, largely by fostering collaborations between groups with regional expertise, on a national and international scale. This initiative, known as [PRISMS](#) (the Pacific Rim Initiative for Sustainable Marine Systems), has supported the development of the Canada-Chile collaboration. PRISMS is also building collaborative research and teaching with the Takuvik International Research Laboratory (ULaval), Oceans Networks Canada, the Tula Foundation, the Department of Fisheries and Oceans Canada and the French Centre National de la Recherche Scientifique (CNRS).

The Consortiums - Chile

The Océanos Institute was created at the [University of Concepción](#) in Chile to lead sustainability and climate change research by uniting their research capacity in ocean sciences. Their main goal of the new institute is to strengthen interdisciplinary collaboration, and position Chile as a global leader in marine conservation and sustainable development.

Océanos is largely leading the formation of the Chilean National Consortium of Ocean Science (el Consorcio Nacional en Ciencias del Mar), which is comprised of more than ten Chilean Institutions across the country that are involved in ocean research. The goal of this consortium is to create a network of diverse ocean researchers across Chile, sharing resources and expertise to drive forward scientific progress.

This collaboration across Chile is truly historic, and was, in-part, inspired by the unique collaboration that is PMSA. According to Dr. Sean Rogers, PMSA Secretary and BMSC Executive Director, “as the Chilean consortium was being revisited by their institutions, we learned that they took inspiration from the five-university Canadian consortium, and used our governance as a reference. The PMSA model of collaborating institutions is increasingly garnering attention as a



The Canadian-Chilean working group from the visit to Las Cruces ECIM Chile.

means to support marine station platforms that will be critical to establish networks for ocean science.”

The Next Level

In November 2025, a Canadian research delegation representing PMSA and PRISMS was hosted by the newly forming Chilean ocean consortium. The delegation visited several of the participating Chilean universities – UC Chile, PUC Valparaíso, and UdeC Chile – as well as two marine science stations. The visits included research talks and working groups to formulate ideas and plans for future research, while also exploring the capacity for exchanges and collaborative research.

The Canadian delegation was joined by more than 50 Chilean researchers from around the country. The visit bodes well for future collaboration; there are already student exchanges between Canada and Chile planned in 2026, with much more to come. After the visits, Dr. Phillippe Tortell stated, “These new agreements mark a significant step forward in our efforts to build a large-scale ocean research program across the Pacific Rim. Canada and Chile share many ocean challenges, and with that, a responsibility to provide global leadership in the protection and sustainable development of ocean resources and coastal communities.” This visit was an important precursor to formalizing collaborations between both groups, and both countries, on a larger scale.

...

The Future of One Ocean Science

Both the signing of the MoU between Canada and Chile and the statement of intent between PMSA and the Océanos Institute mark a significant step forward in collaborative and interdisciplinary ocean science and education, which will



Groups of Canadian and Chilean researchers explored capacity for collaborative research and exchanges between marine stations while at La Cruces ECIM Chile

lead to deeper understanding of our oceans and how to best manage and protect them. Bringing together regional experts to work on large scale global issues is a core goal of PRISMS, driven by the collaborative partnership between PMSA and MEOPAR. Jamie Snook, executive director of MEOPAR, spoke to the significance of this next step, stating that “The Pacific Marine Science Alliance’s partnership with Chile is a powerful demonstration of how Canadian collaboration models can inspire global action. MEOPAR is proud to support this connection, which exports a proven framework for large-scale scientific cooperation. By linking our researchers with their Chilean counterparts, we are ensuring Canada remains a central architect in the future of Pacific and Polar ocean science. This strategy is central to the MEOPAR strategic plan and supporting Government of Canada priorities.”

Photos of Canadian delegation visit by Cristina Pérez y Jaime Romero

[The full story](#)

Honorez un.e océanographe en début de carrière

Appel aux nominations

[Le prix pour océanographe en début de carrière](#) [Veuillez noter que la date limite est prolongée au-delà de celle indiquée sur ce site web.] est présenté à un.e océanographe ou à un.e 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 ou la lauréat.e recevra une plaque commémorative et aura la possibilité de se rendre (avec inscription, frais de résumé et voyage fournis par le CNC-SCOR) au prochain Congrès de la SCMO pour recevoir son prix et présenter un article.
- Obligations du ou de la lauréat.e :
 - Si le ou la lauréat.e décide de se rendre au prochain Congrès de la SCMO, il remerciera CNC-SCOR lors de sa présentation au Congrès de la SCMO.
 - Il ou elle sera également invité.e, sans y être obligé.e, à fournir un court article d'une à deux pages sur ses recherches pour le ou la *Bulletin canadien des sciences de l'océan*.
 - En outre, si cela présente un intérêt pour le ou la lauréat.e, celui-ci ou celle-ci sera invité.e à siéger au comité du CNC-SCOR 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 candidat.e.s qui ont obtenu leur doctorat il y a moins de 10 ans et qui sont des Canadien.ne.s travaillant au Canada ou à l'étranger, ou des résident.e.s permanent.e.s (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 ou la candidat.e 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 au plus tard le **27 février 2026**, par courriel, au secrétaire du CNC-SCOR à davidgreenberg@alumni.uwaterloo.ca afin de pouvoir être considérées par le comité de sélection. Un accusé de réception sera envoyé si le ou la candidat.e le demande.
 2. Le CNC-SCOR évaluera les nominations.
 3. Les nominations devront inclure une lettre de nomination soulignant les mérites du ou de la candidat (2 pages, maximum), deux à quatre lettres de soutien et un curriculum vitae à jour du ou de la candidat.e.

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.



Honour An Early Career Ocean Scientist

Nominations Requested

The [Early Career Ocean Scientist Award](#) [Note the deadline is extended beyond the one given on [this website](#)] 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 **27 February 2026**, 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.



What is an Ocean Indicator?

Before there can be reasonable international discussion on climate action, it is necessary to establish that everybody is using the same framework to evaluate the processes. To this aim, the Global Ocean Observing System (GOOS), whose main sponsor is the Intergovernmental Oceanographic Commission (IOC) of UNESCO, established a task team on ocean indicators,

The [statement](#) from the [IOCCP](#):

This important, forward-looking paper led by Karina Von Schuckman is a first major milestone towards a robust, multidisciplinary, evidence-based ocean indicators framework. Development of three out of nine proposed pilot indicators was led by IOCCP's experts Véronique Garçon, Adrienne Sutton and Maciej Telszewski. Our role as the GOOS Biogeochemistry Panel more often than not is played by filling the science-policy nexus and this work is a prime example of how ocean knowledge should be used to shape policies.

Developing reliable, comparable, and regularly updated ocean indicators, backed by a unified international framework, is essential for delivering coherent, actionable insights that can guide global goals and protect the ocean's future.

We will continue working with our many partners led by Abed El Rahman Hassoun in the context of the recently started BioGeoSea Project to implement the three proposed biogeochemistry indicators:

- Ocean acidification
- Ocean Deoxygenation
- Net community production

as well as to develop additional focus on greenhouse gas fluxes and multi-stressor indicator. We congratulate all the authors and are looking forward to future collaborations with colleagues in BioEcoOcean and ObsSea4Clim aimed at translating complex biogeochemical processes into actionable information across temporal and spatial scales!

Adapted extracts from the [paper](#):

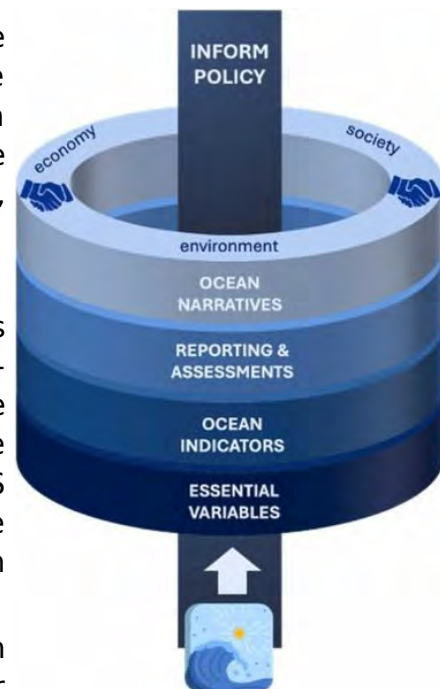
Title: Global ocean indicators: Marking pathways at the science-policy nexus

Authors: Karina von Schuckmann et al. (36 authors)

Graphical Abstract



Definition: Ocean indicators refer to measures based on scientifically verified approaches and data that allow for the identification of the state in ocean phenomena across a range of temporal and spatial scales that are accessible to inform decision makers and beyond.



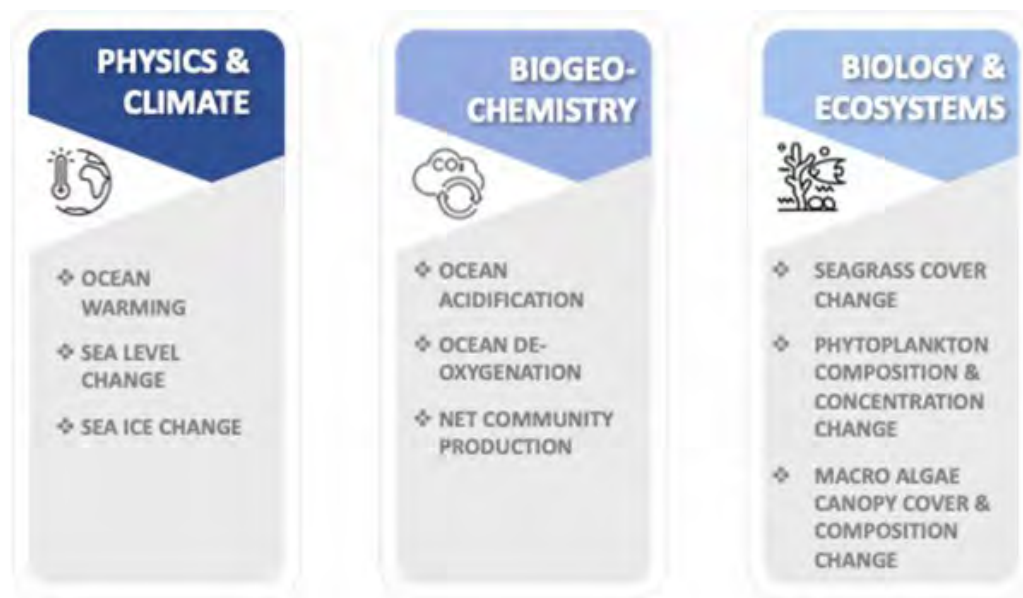
Criteria

- (1) **Verified.** The indicator must represent a state of an ocean phenomenon that relies on a peer-reviewed scientific rationale of the fully traceable indicator approach.
- (2) **Significant.** The indicator must provide robust information on the state of an ocean phenomenon within a scientific framework.
- (3) **Scalable:** An ocean indicator should be scalable spatially and temporally, and where possible interoperable.
- (4) **Justified:** The indicator should be relevant to inform and support decision-making, and be understandable to a broad audience.
- (5) **Measurable:** The indicator should be determined where relevant via one or more Essential Variable framework, such as EOVs, ECVs, or EBVs.
- (6) **Accessible:** The ocean indicator should be provided whenever possible on a regular basis guided by CARE and FAIR principles, and enables past and near-term information, forecasts, and projections.

Application of Framework: Examples of Ocean Indicators

To illustrate the utility of the proposed framework, nine pilot ocean indicators were considered (Figure below). All align with the criteria outlined above, and integrated data from EOVs and ECVs to address various aspects of ocean health and climate variability. These indicators were selected by the GOOS expert panels to showcase the ocean indicator framework's ability to integrate diverse data sources, ensure standardization, and maintain scientific consistency.

Each of these indicators is tested against the criteria above.



Details are in the [full paper](#).

The Newsletter now has over 400 subscribers, mostly working in Canadian Ocean Sciences. This section provides an opportunity to highlight your research programs to our community. You are invited to send contributions to David Greenberg, davidgreenberg@alumni.uwaterloo.ca

Le bulletin compte désormais plus de 400 abonné.e.s, travaillant principalement dans le domaine des sciences océaniques canadiennes. Mettez en valeur vos programmes de recherche en publiant un article dans cette section de votre bulletin.

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

MEETINGS

Le 60e congrès de la SCMO / The 60th CMOS Congress

Le 60e congrès de la Société canadienne de météorologie et d'océanographie (SCMO) se tiendra virtuellement du **1er au 4 juin 2026**.

Le congrès réunira des chercheurs.e.s issu.e.s des sciences de l'atmosphère, des océans et du climat afin de discuter de la surveillance, de l'atténuation et de la gestion de ces incertitudes. Il proposera des présentations plénières virtuelles et des sessions scientifiques portant à la fois sur la recherche et les opérations.

[Le site web du congrès](#)

[Sessions scientifiques](#)

[Appel aux résumés](#)

[La soumission des résumés](#) - **Date limite: 27 février, 2026**

Les prix CMOS font partie intégrante du congrès depuis longtemps. [Prix de la SCMO](#)



Affiche créée par : Eva Gnegy, Centre canadien des services climatiques, ECCC

Poster created by: Eva Gnegy, Canadian Centre for Climate Services, ECCC

The 60th Canadian Meteorological and Oceanographic Society (CMOS) Congress will be held virtually from **June 1-4, 2026**.

The Congress will bring together researchers from across the atmosphere, ocean, and climate sciences to discuss monitoring, mitigating, and managing these uncertainties, featuring virtual plenary presentations and scientific sessions addressing both research and operations.

[Congress website](#)

[Scientific Sessions](#)

[Call for Papers](#)

[Abstract Submission](#) - **Submission Deadline: February 27, 2026**

CMOS awards have long been part of the congress. [CMOS AWARDS](#).

Goldschmidt 2026

12 - 17 July 2026, Montreal, QC

The Goldschmidt Conference is the primary meeting worldwide for the presentation and exchange of scientific ideas in geochemistry. It is owned jointly by the [Geochemical Society](#) (GS) and the [European Association of Geochemistry](#) (EAG) - Goldschmidt® is a registered trademark of GS and EAG. On the [Goldschmidt Conference Archive website](#), you can find information about past and future Goldschmidt conferences, as well as available abstracts, program volumes, plenary recordings and photos. You can also access recordings of plenaries and medal lectures directly on the [Goldschmidt Conference YouTube Channel](#). The European Association of Geochemistry is a non-profit organization dedicated to promoting geochemistry internationally. To this aim, the EAG organizes the Goldschmidt Conference in Europe, publishes open access journals, recognizes scientific excellence, supports early career scientists and sponsors outreach initiatives.

[Conference website](#)

[Abstract Submission](#) **Submission Deadline: 26 February 2026**

GEOTRACES related sessions

12c - [The Role of Boundaries Across Scales in Shaping Marine Trace Element Distributions](#)

12j - [Applications of naturally-occurring radioactive isotopes and constant flux proxies in seawater and marine sediments](#)

09k - [Integrating Biological and Geochemical Perspectives on Trace Metal\(loid\) Transformations Across Ecosystems](#)



World Conference on Marine Biodiversity 2026

17-20 November 2026, Bruges, Belgium

The 7th edition of the World Conference on Marine Biodiversity will be organized in Bruges between November 17th and 20th 2026. Find out more about the venue here. The WCMB 2026 will fly the UN Ocean Decade flag, as it has been endorsed as a UN Ocean Decade Event. The overall theme of the Conference is “The marine biodiversity insights we need, for the ocean we want”. As the Conference will take place a little over halfway through the UN Ocean Decade, it will provide an excellent opportunity to take stock of ongoing actions and initiatives, but also evaluate what still needs to be tackled by the end of the Decade.

[Conference website](#)

[Abstract Submission](#) **Deadline: 17 March 2026**



Updating Usable Projections of Future Sea Level

8-11 June 2026, Montreal, QC

The goal of this workshop is to understand recent and ongoing progress related to projecting sea-level change and its drivers, as well as user perspectives on what has and has not worked in the use and communication of prior sea-level projections. It will focus both on process understanding and on the ability to derive statistical and/or physical relationships from process understanding that can be represented in the emulators underlying probabilistic projection frameworks. The workshop aims to synthesize the current state of the science in a manner that builds an actionable roadmap to the next generation of integrated sea-level projections.

[Conference website](#)

[Abstract Submission](#)

Deadline: February 11, 2026

**AGU CHAPMAN
CONFERENCE**

Montréal, QC, Canada | 8-11 June 2026

ECSA 61

Bridging the gap between science and policy in estuarine and coastal marine biodiversity: the way forward

24-27 August 2026, Square Convention Center, Brussels, Belgium

There is an urgent need to address the challenges of the triple planetary crisis: climate change, biodiversity loss and pollution. Marine scientists and policy-makers worldwide have emphasized that in particular threats to biodiversity are the major challenge for both the health of the planet and the welfare of human societies.

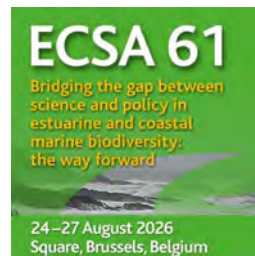
We invite you to participate in ECSA 61 and contribute your recent findings in all aspects of coastal and estuarine sciences. Building on the results of several Horizon Europe projects it is a unique opportunity to show the most recent advances of coastal marine research and their applications for European and international policies.

For the first time ECSA (Estuarine Coastal Sciences Association) invites you for a 'Science-meets-Policy' day (27 August 2026), during which you have the chance to discuss research findings and applications for a sustainable future of coasts with managers and decision-makers

[Conference website](#)

[Abstract Submission](#)

Deadline: 6 March 2026



1st IEEE Canadian Atlantic Ocean Symposium

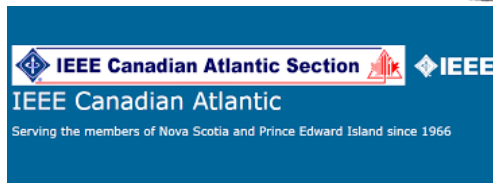
July 20 - 22, 2026, Halifax, NS

The 2026 IEEE Canadian Atlantic Ocean Symposium (IEEE CAOS) is the first of this series of Institute of Electrical and Electronics Engineers (IEEE) Oceanic Society. It provides an international forum for researchers, educators, and practitioners to learn, share knowledge, report most recent innovations and developments, and exchange ideas and advances in all aspects of Oceanic Engineering. The theme of the IEEE CAOS 2026 conference is "Ocean Frontiers: Intelligent Solutions for an Evolving World".

[Conference website](#)

[Abstract Submission](#)

Deadline: March 1, 2026



Coming Sooner and Later / À venir plus tôt et plus tard

Meetings of interest but deadlines have passed and meetings to plan for well ahead of time.

Réunions intéressantes mais dont les échéances sont passées et celles à planifier bien à l'avance.

Save the date / Réservez la date

H2O Home To Overseas Conference

Halifax NS, June 8-10, 2026. One of Canada's premier events for the ocean technology sector, the [conference](#) attracts significant international participation. To submit abstracts, contact the organizers.

PICES-2026 Annual Meeting

Nanaimo, BC, October 24-30, 2026. Interdisciplinary science collaboration is needed to understand complex issues, such as the impacts of climate extremes on marine resources and coastal communities, cumulative impacts of multiple stressors, changes in biodiversity, and the effectiveness of marine protected areas. [Announcement](#)

Marine Renewables Canada Conference & Exhibition

Ottawa, ON, November 17-19, 2026. Celebrate the momentum in the marine renewable energy sector with Marine Renewables Canada! As the sector grows, so does our [conference](#) – a reflection of the immense potential and opportunities within Canada's offshore wind, tidal, wave, and river current energy sector. MRC 2026 will bring together leading minds from across Canada and the world to explore new opportunities and chart the future of the industry.



Coming Soon / À venir

ASLO-SIL 2026 Joint Meeting

Montreal, QC, May 12-16, 2026. [This congress](#) will stimulate exchange of methodological approaches and learning across scales by bringing together scientists from freshwater and marine realms. The many ways these environments intersect will be a focal point

Connected Waters: Bridging Communities & Ideas

Winnipeg, MB, May 25-29, 2026, hybrid. You're invited to the [joint conference](#) of the International [Association for Great Lakes Research](#) and the [Society of Canadian Aquatic Sciences](#)—where global research on the world's large lakes meets Canada's rich tapestry of aquatic systems, from rivers and lakes to oceans and groundwater.

Québec-Océan 2026 ASM

Rivière-du-Loup, QC, February 3-5, 2026. The year 2025 has once again shown how central the oceans are to today's major global challenges: accelerating warming, loss of biodiversity, rapid ecosystem transformations, and the urgent need for sustainable and inclusive governance. In this context, the [Annual Scientific Meeting](#) (ASM) offers a unique opportunity to share our knowledge, reflect on our achievements, and imagine new ways to explore, understand, and protect the ocean together.

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

DFO General Call for Students and Graduates

Note: You may apply to job opportunities within Fisheries and Oceans Canada through the [Federal Student Work Experience Program](#).

[Web Page](#) [Version française](#)

Join us if you're interested in ocean science and technology, and are eager to help preserve Canada's marine ecosystems for future generations. Find out what a job with Fisheries and Oceans Canada (DFO) can look like, from a laboratory or field station to the rolling sea.

Fields of research - There are many types of student jobs in the Science Sector. The following are student job descriptions based on aquatic science domains or programs: Aquaculture, Aquatic invasive species, Freshwater ecology, Genomics, Hydrography, Marine ecology, Oceanography, Species at risk, Stock Assessment.

The following links will help you get connected with ocean science activities and student opportunities available through the Government of Canada student recruitment programs:

- [National Talent Bank](#)
- [Federal Student Work Experience Program \(FSWEP\)](#)
- [Indigenous Student Employment Opportunity](#)
- [Research Affiliate Program \(RAP\)](#)
- [Post-secondary Co-op/Internship Program](#)
- [Graduate recruitment programs](#)
- [Postdoctoral Research Program](#)



Bienvenüe post-doctoral fellowship program

The new call for the Bienvenüe+ program has just opened. 25 applicants will be selected for funding, with research projects beginning between September 2026 and January 2027.

ELIGIBILITY Recruited researchers can be of any nationality. They must comply with the mobility rule: they must not have resided or carried out their main activity in France for more than 12 months in the 36 months immediately before the call deadline. Time spent as part of a procedure for obtaining refugee status under the Geneva Convention, compulsory national service and/or short stays such as holidays is not taken into account



The interested candidates in the call can consult [Bienvenüe +](#) to find all relevant information as well as key documents to prepare their application. They may also contact the BIENVENÜE+ team for any questions, in particular regarding the eligibility rules at msca-bienvenue@bretagne.bzh

Bienvenüe+ is an international post-doctoral fellowship program aiming at attracting talented scientists to develop their two-years project in Breton laboratories. The programme is co-funded by the European HORIZON-MSCA-COFUND program, the regional council of Brittany (Région Bretagne) and the 20 Host Institutions. The programme is coordinated by Région Bretagne.

Applicants can now apply on the dedicated platform until the call deadline on **16th February 2026** (23:59 CET): <https://region.bretagne.bzh/rech/ui>

Two Postdoctoral position in movement ecology

GEOMAR Helmholtz Centre for Ocean Research Kiel

1. Movement ecology of non-commercial fish.

The position is embedded in the German Bundesamt für Naturschutz (BfN) funded project SCHUFI [Schutzkonzepte zu Fischen und Fischerei] – Supporting the development of monitoring and protection concepts for Fish. The successful candidate will work in a consortium in collaboration with the University of Hamburg and the University of Rostock, as well as several co-PIs at GEOMAR. The goal of SCHUFI is to improve minimally invasive monitoring techniques to for non-commercial fish species in the German Exclusive Economic Zone (EEZ), with a particular focus on protected areas.

[Details](#)



2. Movement ecology and digital twins.

The Marine Behavioural Ecology Group's work focuses on understanding how individual fish movement scales up to macroecological patterns using tagging and tracking technology. The successful applicant will play a leading role in constructing a prototype digital twin of animal movement in the North Sea using the European Digital Twin of the Ocean (EDITO) platform.

[Details](#)

Deadline for both competitions **15th February 2026**

Bourses d'excellence de doctorat

L'Université du Québec à Rimouski (ISMER-UQAR)

Ce programme de bourses vise à recruter jusqu'à 4 nouvelles personnes qui débiteront leurs études doctorales à l'ISMER-UQAR à temps complet à partir de l'automne 2026 ou de l'hiver 2027. La thèse de doctorat sera réalisée en codirection avec des chercheuses et des chercheurs de l'ISMER-UQAR et de la Commission géologique du Canada. Les équipes de supervision accompagne chaque étudiante et étudiant dans son cheminement en recherche et met l'emphase sur le développement de l'esprit critique, la personnalisation des objectifs de recherche et la diffusion de la science dans la sphère publique. En plus des bourses d'études disponibles, les frais associés aux travaux de recherche, au travail sur le terrain et à certaines activités de diffusion de la recherche sont couverts par les projets de recherche.



[Détails](#)

Date limite le 20 mars 2026

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

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

GENERAL

December 2025 SCOR Newsletter #58

The [latest SCOR Newsletter](#) updates us on topics covered in the annual meeting. The 2025 annual meeting was held 29-31 October in Santa Marta, Colombia at INVEMAR, Colombia's Marine and Coastal Research Institute.



Working Groups

Three new Working Groups were approved at the SCOR 2025 Annual Meeting!

SCOR WG 173 ORCAS (Observational Requirements in the Context of AI prediction systems for Sea ice) will systematically assess the observational requirements for emerging AI-based sea-ice prediction systems up to the seasonal timescale. [View the WG webpage.](#)

SCOR WG 174 SPASS (Small Plastics in the Ocean's Interior: coherent Analysis and Synthesis for better Scrutiny) will address challenges in data collection, quality control in both field and laboratory settings, and the harmonization of plastic pollution datasets in the water column while strengthening international collaboration and national research capacity. [View the WG webpage.](#)

SCOR WG 175 SubMHW-WG (SUBsurface HeatWaves Working Group) will foster interdisciplinary collaboration among the oceanographic and Earth system science communities to advance understanding and predictability of SubMHWs in a warming ocean. [View the WG webpage.](#)

SCOR-INVEMAR Symposium

SCOR and INVEMAR jointly organized a symposium on the 28th of October to engage Colombian early-career scientists (ECS) in international ocean science. The symposium included invited talks highlighting the experience of members of the SCOR and Colombian ocean science community, a poster session, and discussion amongst the participants about careers in international ocean science. The poster session drew participation by 25 Colombian ECS, and resulted in enthusiastic conversation amongst the symposium participants.



Coming Annual Meetings

Mark your calendars for the 2026 SCOR Annual Meeting: 8-10 September 2026, with a pre-meeting event on 7 September. The meeting will be in Helsinki, Finland hosted by the SCOR Finnish National Committee.

We are excited to announce the hosts and locations of the 2027 meeting, the Chilean National Committee/SHOA in Valparaíso, Chile and of the 2028 meeting, the Belgian National Committee/VLIZ in Bruges/Oostend, Belgium.

SCOR at the 2026 Ocean Sciences Meeting



Stay tuned for the February 2026 SCOR newsletter for complete information regarding SCOR at the OSM 2026, including:

- Meeting representatives from SCOR's community at the SCOR exhibit booth
- Attending SCOR-related sessions, town halls, and side meetings.
- Joining a SCOR social event for networking across activities and for community members to learn more about SCOR.

More news can be found in the full newsletter [here](#). [Back issues](#) are available starting in 2004. The SCOR [News page](#) is frequently updated with current events.

GEOTRACES Intermediate Data Product 2025

The GEOTRACES Intermediate Data Product 2025 (IDP2025) is the fourth release of publicly available data products, comprising hydrographic and marine biogeochemical measurements collected on 123 cruises. It represents a substantial expansion of the dataset released in 2021, which is also fully included in this edition.

The IDP2025 contains trace elements and isotopes (TEI) that serve as micronutrients, contaminants (e.g., Pb and Hg), radioactive and stable isotopes including those used in paleoceanography and a broad suite of hydrographic parameters used to trace water masses, as well as, it provides microbiological data. The dataset thus covers a wide range of biogeochemical parameters, as well as aerosol and precipitation data characterising atmospheric TEI sources and cryosphere TEI data from the Arctic.



The TEI data in the IDP2025 are quality controlled by careful assessment of intercalibration results and multi-laboratory data comparisons at crossover stations.

Compared to previous release in 2021, IDP2025 improves data coverage in all ocean basins. Overall, the new data product contains 18 new cruises, 732 new stations (4,097 stations in total) and 448,050 new data values (2,199,291 in total). As an example, the number of dissolved iron values has increased by 7,463 to 23,912 in the IDP2025.

By releasing the intermediate data products, GEOTRACES aims to intensify collaboration within the broader ocean research community but also seeking feedback from the community to help us improve future data products.

This [GEOTRACES web page](#) gives details on accessing the data including video tutorials.

Feedback on Sharing Physiological Assays



The [PRIMO SCOR working group](#) is sharing their Inventory of Oceanographic Physiological Assays for community review and feedback here: <https://www.primoscorwg.org/metrics-database>. The overarching goal of PRIMO is to develop a community and framework for co-designing novel physiological metrics that may act as 'currency converters' to link 'omics datasets and biogeochemical models of the marine ecosystem. This literature review and database surveys well-established physiological metrics

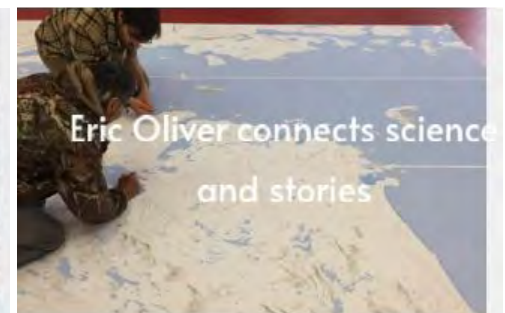
routinely used in biological oceanography, as well as novel metrics being developed to determine physiological rates at both the cellular and community level. It will be used to identify gaps and prioritize processes for novel physiological metric design. The tables include information about the methods (currencies, units, assumptions, uncertainties) that impact their potential readiness to be used in biogeochemical models as well as key references to facilitate discovery. PRIMO welcomes all community feedback at the link above.

The inventories presented for feedback are: [Primary Productivity](#), [Secondary Productivity](#), [Nutrient Fluxes](#) and [Interactions](#)



MEOPAR Webinars and Stories

MEOPAR's [Webinar](#) and [Stories](#) web pages have many videos describing how to manage different aspects of research as well as introducing the science and the people involved.



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 **#147** will be distributed in **March 2026**.

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

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

Le Bulletin **#147** sera distribué en mars **2026**.

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

Abonnement et désabonnement

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

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

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

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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.



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