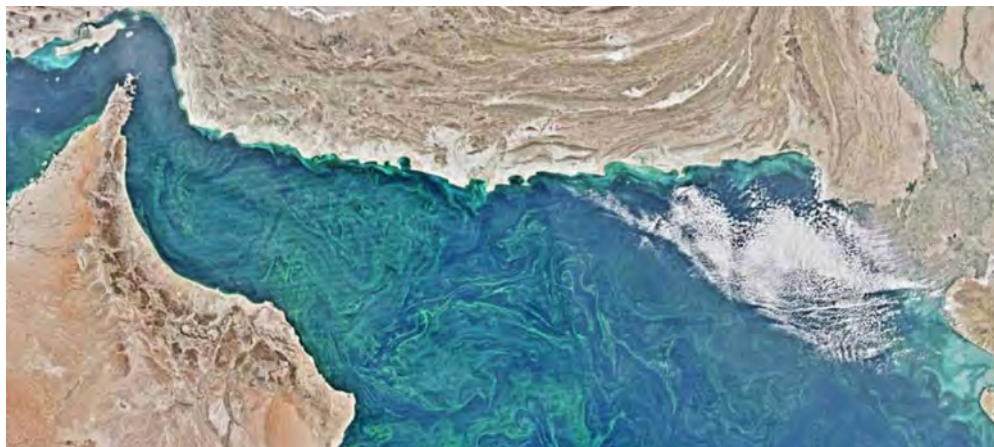


CANADIAN OCEAN SCIENCE NEWSLETTER
LE BULLETIN CANADIEN DES SCIENCES DE L'OcéAN

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OCEAN SCIENCE NEWS

GEOTRACES Science Highlights

[GEOTRACES](#) is a strong, active organization looking at understanding biogeochemical processes. Their work is contributing to all fields of oceanography.

[About GEOTRACES](#) GEOTRACES is an international programme which aims to improve the understanding of biogeochemical cycles and large-scale distribution of



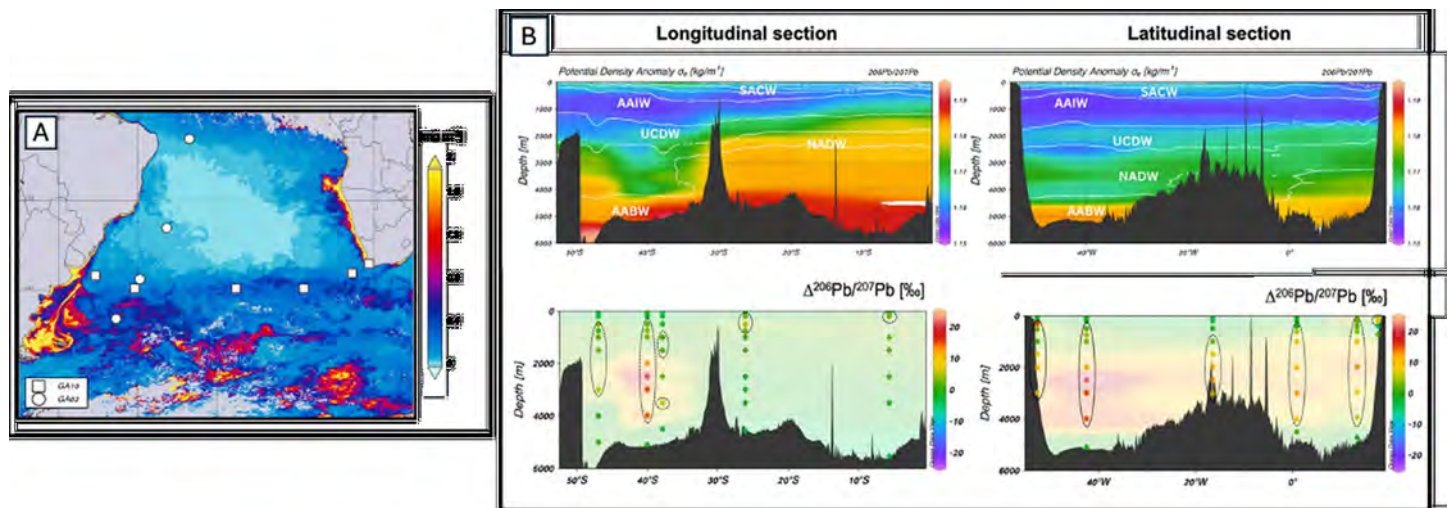
trace elements and their isotopes in the marine environment. Scientists from approximately 35 nations have been involved in the programme, which is designed to study all major ocean basins.

[GEOTRACES Mission](#) Many trace elements are critical for marine life and therefore influence the functioning of ocean ecosystems and the global carbon cycle. Some trace elements are also of concern as contaminants, while others, together with a diverse array of isotopes, are used to assess modern-ocean processes and the role of the ocean in past climate change. Despite the recognised importance of trace elements and isotopes in the ocean, our ability to exploit knowledge of their attributes is limited by uncertainty about their sources, sinks, internal cycling and chemical speciation. GEOTRACES now fills this critical gap with knowledge of the marine biogeochemical cycles of trace elements and their isotopes at an unprecedented scale.

GEOTRACES mission: To identify processes and quantify fluxes that control the distributions of key trace elements and isotopes in the ocean, and to establish the sensitivity of these distributions to changing environmental conditions.

The [GEOTRACES website](#) features *Science Highlights* that show the depth of their work.

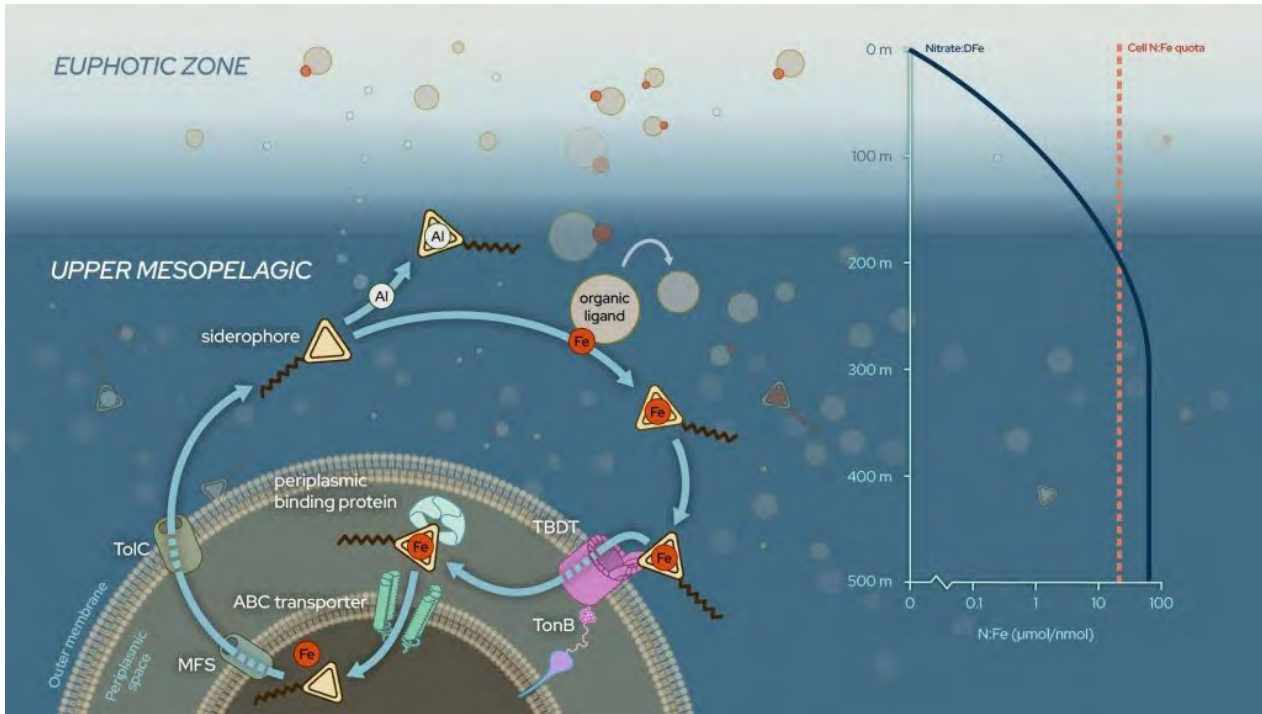
Lead isotopes, reversible scavenging and ventilation processes in the South Atlantic Ocean



Olivelli and co-authors present seawater lead concentrations and lead isotopes for 10 depth profiles collected in the South Atlantic Ocean.

[Read more →](#)

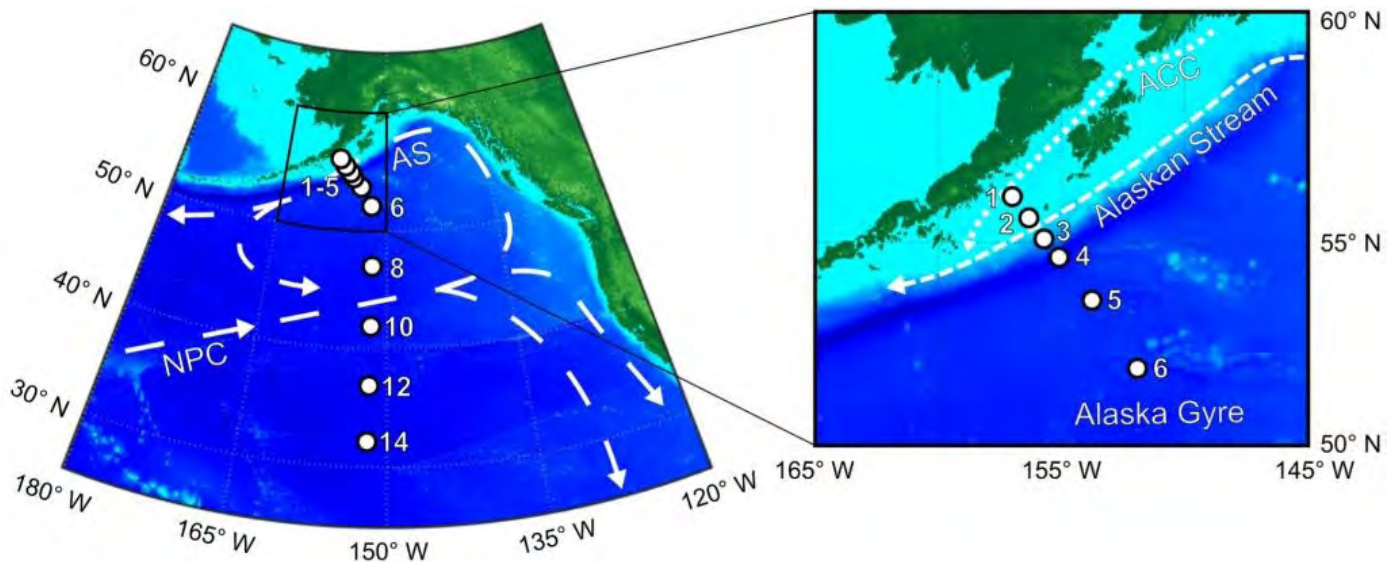
Iron limitation also affects the twilight zone



Li and co-workers established the distribution and uptake of siderophores along the Pacific meridional section (GP15 GEOTRACES cruise)...

[Read more →](#)

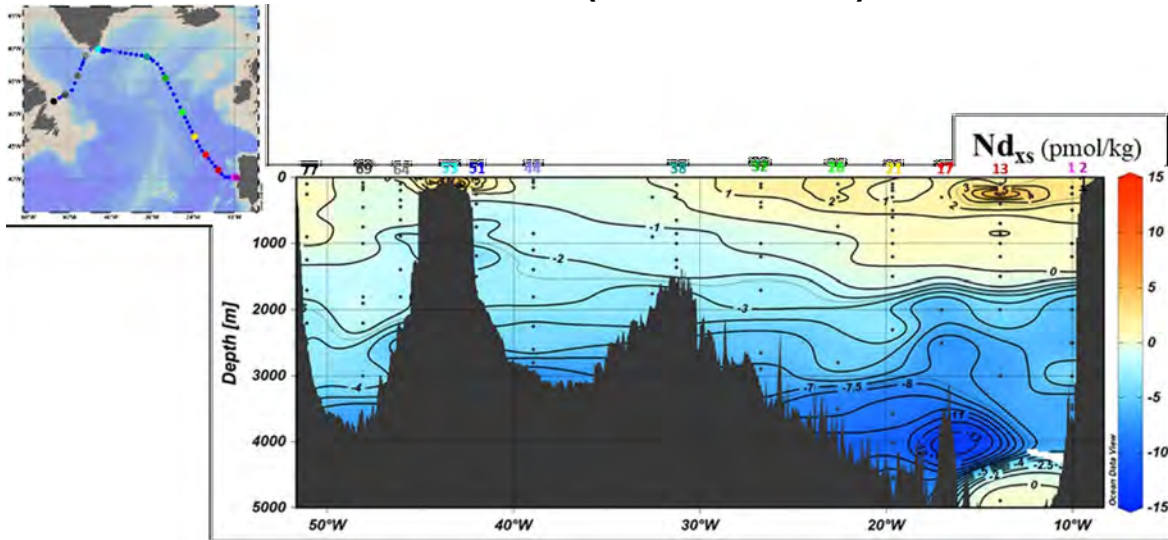
Long distance dissolved iron transport in the North-East Pacific revealed by multiple tracers and an ocean circulation model



Sieber and co-authors have made extensive use of the multi-tracer approach, coupled to an oceanic circulation model...

[Read more →](#)

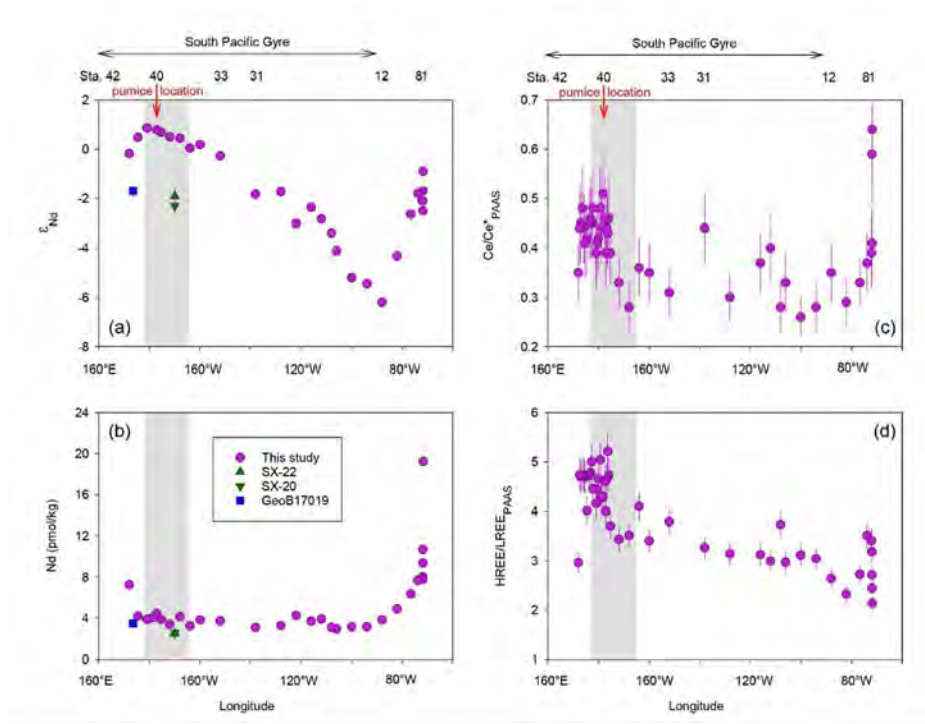
Two papers describe findings on Rare Earth Elements in the North Atlantic Ocean (GEOVIDE cruise)



Lagarde and co-authors investigated the Rare Earth Element cycle along the GA01 transect...

[Read more →](#)

Substantial trace metal input from the 2022 Hunga Tonga-Hunga Ha'apai eruption into the South Pacific Ocean



Zhang and co-workers investigate the impact of the 2022 eruption on the biogeochemistry of the South Pacific Gyre.

[Read more →](#)

More useful information can be found on the [GEOTRACES website](#).

Huntsman Medal to Dr. William Cheung

The A.G. Huntsman Foundation is pleased to announce that the 2024 [A.G. Huntsman Medal](#) will be awarded to Dr. William Cheung in recognition of his outstanding achievements in research focused on climate change, biodiversity and ocean sustainability as well as his efforts to connect marine sciences to the social sciences. Dr. Cheung's work recognizes the interdependence of ocean systems and human systems and that the scale of climate change impacts range from local to global, as do the needs for solutions.



WILLIAM CHEUNG is a Professor, Canada Research Chair in Ocean Sustainability and Global Change, and the Director of the Institute for the Oceans and Fisheries, at the University of British Columbia. He is the Principal Investigator of the Changing Ocean Research Unit at UBC. He serves as Director for a 6-year partnership with Canada's Social Science funding agency focused on "Solving the Sustainability Challenges at the Food-Climate-Biodiversity Nexus". Dr. Cheung is actively involved in international and regional initiatives that bridge science and policy and has served as the Coordinating Lead Author for the Assessment Reports of the Intergovernmental Panel on Climate Change (IPCC) and the Intergovernmental Platform on

Biodiversity and Ecosystem Services (IPBES). Dr. Cheung obtained his BSc and M.Phil. from the University of Hong Kong. He completed his PhD in Resource Management and Environmental Studies at UBC. From 2009 to 2011, he was Lecturer in Marine Ecosystem Services in the University of East Anglia before returning to UBC.

DECEMBER 2, 2024

The A. G. Huntsman Medal Award Ceremony will be held at Government House in Halifax, Nova Scotia at 2:00 pm, with a reception to follow. RSVP and reserve your free tickets for the award ceremony [here](#)

DECEMBER 3, 2024

Navigating the Food-Climate-Biodiversity Nexus: Transformative Science for Ocean Sustainability
The A. G. Huntsman Distinguished Lecture will be presented by William Cheung at 10:30 am in the Ford Auditorium at the Bedford Institute of Oceanography (1 Challenger Drive, Dartmouth, NS). The lecture will be shared through Teams providing a virtual option for those outside of the Halifax area. [2024 AG Huntsman Distinguished Lecture](#)

THE A.G. HUNTSMAN AWARD was established in 1980 by the Canadian marine science community to recognize excellence of research and outstanding contributions to marine sciences. It is presented by the Royal Society of Canada. The award honours marine scientists of any nationality who have had and continue to have a significant influence on the course of marine scientific thought. The Award is named in honour of Archibald Gowanlock Huntsman (1883- 1973), a pioneer Canadian oceanographer and fishery biologist.

The A.G. Huntsman Award was established through initial principal contributions from Fisheries and Oceans Canada, Natural Resources Canada, the Province of Nova Scotia, and the Canadian Association of Petroleum Producers. Additional endowment was later granted from the LiFT Family Fund through Gift Funds Canada.

The Lieutenant Governor of Nova Scotia is Honorary Patron of the A.G. Huntsman Award.



Contributions of Douglas C. Webb (1929-2024)

Adapted from the [WHOI webpage](#).

The Woods Hole Oceanographic Institution announces with great sorrow the death of innovator in oceanographic research technology, pioneer in the development of transistorized computers, and former WHOI employee Douglas C. Webb on November 11, 2024.

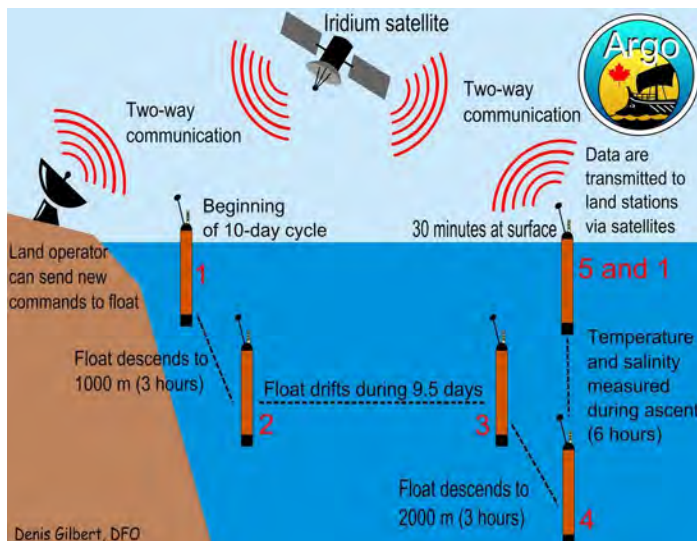
Doug was born in Hamilton, Ontario, Canada on November 25, 1929. During summers in high school, he worked as a waiter and engine room oiler on coal-fired steam ships plying Lake Huron.

He received his BS in Electrical Engineering from Queens University (Canada) in 1952. To pursue his interest in the nascent field of computer science, Doug moved to Manchester, UK, to work for Ferranti Ltd. and to pursue graduate study at the University of Manchester, where he obtained his MSEE in 1954. There, Doug and doctoral student Dick Grimsdale built and demonstrated the world's first [transistorized digital computer](#) in November 1953. This experimental machine went on to become the Metrovick 950, the first commercial transistorized computer built from 1959 onwards by Metropolitan Vickers. (Doug would occasionally chat with Professor Alan Turing, who had a nearby office).



Doug was married in 1957 to Shirley (Lyons) Webb, an artist and kindergarten teacher who shared his love of adventure. They had been high school classmates in Owen Sound, Ontario. The couple moved to Ivrea, Italy, where Doug was employed by Olivetti in the early development of computers for business applications.

In 1962, they returned to North America, crossing the Atlantic on a cargo ship (during the Cuban missile crisis). They moved to Woods Hole where Doug was employed by WHOI. Doug began his career at WHOI in 1962 as an electronics search assistant. Doug was promoted several times throughout his career and left WHOI in 1982.



During four decades at WHOI, Doug created and developed numerous technologies used in oceanographic research and participated in dozens of long research cruises. His work involved inventing and building instruments to remotely measure the properties and motion of water in the deep ocean. Webb's expertise in the technology of long-range undersea acoustic signaling contributed to the development of [Ocean Acoustic Tomography](#), a technique used for large-scale remote sensing of the interior of the ocean.

In 1966, Doug and Shirley purchased a century-old farmhouse on Old Palmer Avenue from his friend and colleague Dr. Henry Stommel, who moved across the street.

In 1971, Doug and Dr. Roger Payne published a seminal paper postulating that the [songs of fin whales](#) could be heard across vast distances, and suggested that noise from commercial shipping might interfere with whale communication. The idea seemed far-fetched at the time but is now widely accepted.

In 1982, Doug left WHOI to form his own company, Webb Research Corporation (WRC), which invented and manufactured instruments for physical oceanography and naval research. The company developed a family of products which used neutral and variable buoyancy to control the depth of instruments in the ocean, as well as long-range low-frequency acoustic sources. Their products were used by laboratories in 20 nations, and are central to the international [ARGO program](#), a global array of thousands of autonomous ocean sensor platforms.

Doug conceived and developed the [undersea glider](#), a long-endurance winged undersea autonomous vehicle, propelled by buoyancy changes rather than a propeller. In 1994 he was granted a patent for a unique thermal engine which used energy harvested from oceanic temperature differences to propel the glider.



In 2009, Rutgers University deployed a battery powered version of the glider for the first-ever trans-Atlantic crossing of an autonomous underwater vehicle, which arrived in Baiona, Spain, where, 516 years earlier, the first of Christopher Columbus' ships returned from the new world. The glider was subsequently displayed in the Smithsonian Museum. Another glider, owned by the US Navy, gained

international notoriety when it was briefly seized by China in 2016. This technology is now a staple of ocean research and monitoring.

Webb Research Corporation was sold to Teledyne in 2008 and became [Teledyne Webb Research](#) for which Doug continued to consult until recently.

The author of over 60 publications, and with 15 US patents to his name, Doug, along with Dr. Thomas Rossby of the University of Rhode Island, received the Woods Hole Oceanographic Institution Bigelow Medal in 1988, and he received the IEEE Oceanic Engineering Society's 2005 Distinguished Technical Achievement Award. He was also the recipient of the American Geophysical Union's Ocean Science Award in 2017. In 2021, he was appointed [Oceanographer Emeritus](#) at the Woods Hole Oceanographic Institution for work that "crossed and merged the boundaries of science and technology in elegant fashion."

Oceanographic technologies pioneered by Webb are in use today all over the world and have contributed to an exponential increase in the amount of data extracted from the oceans, for oceanography, meteorology, climate change research, and naval applications. His work was characterized by a tenacious and painstaking pursuit of optimization in design.

Original [WHOI webpage](#)

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

Congrès SCMO 2025

Le 59e congrès de la Société canadienne de météorologie et d'océanographie (SCMO) et la réunion annuelle de l'Union géophysique canadienne (UGC) se tiendront conjointement sur une période de 5 jours, du **25 au 29 mai 2025**. Afin de servir le plus grand nombre possible de communautés scientifiques, il s'agira d'une conférence hybride. Des informations plus détaillées seront publiées dès qu'elles seront disponibles sur [le site web du congrès](#).

Le thème de notre réunion conjointe est « **un avenir résilient** ». Les futurs résilients imaginent une Terre durable, saine et équitable, résistante au changement et capable de relever les nombreux défis auxquels la société est actuellement confrontée et ceux qui pourraient se présenter à l'avenir. Ce concept englobe la résilience environnementale, y compris le rôle essentiel des sciences de la Terre dans la compréhension des processus dynamiques de la planète. Grâce à des efforts de collaboration, à une recherche innovante et à l'intégration de technologies de pointe, nous pouvons nous assurer que nous ferons face à ces défis en nous

appuyant sur les meilleures connaissances scientifiques fondamentales.

Les propositions de sessions scientifiques sont invitées pour tous les domaines de la SCMO et de l'UGC, y compris les domaines d'intérêt spécifiques et les sujets d'intérêt général. Les sessions conjointes entre les organisateurs de l'UGC et de la SCMO sont encouragées. Nous encourageons particulièrement les organisateurs issus de milieux historiquement sous-représentés dans les communautés des sciences de la terre, notamment les chercheurs en début de carrière, les femmes, les personnes de couleur et les membres des communautés autochtones.

Les sessions peuvent comprendre des présentations orales (hybrides) et des présentations par affiches (**en personne uniquement**).

La proposition de session doit inclure le titre de la session (40 caractères maximum), les coordonnées des organisateurs de la session (prénom, nom, affiliation, adresse électronique) et un court paragraphe de 300 mots maximum décrivant le contenu

scientifique de la session proposée. **Toutes les propositions de session doivent être reçues avant le 2 décembre 2024 pour être prises en considération.**

Veuillez soumettre votre proposition de session sur [le site web du congrès](#).

Nous attendons avec impatience vos propositions.

Christopher Marsh, président du comité du programme scientifique,
au nom du comité du programme scientifique commun à la SCMO et à l'UGC

JulieThériault

Claire Oswald



CMOS Congress 2025

The Canadian Meteorological and Oceanographic Society (CMOS) 59th Congress and the Canadian Geophysical Union (CGU) Annual Meeting will be held jointly over a 5-day period, **25-29 May 2025**. To serve as many diverse scientific communities as possible, this will be a hybrid conference. More detailed information will be posted as it becomes available on the [Congress website](#).

The theme of our joint meeting is "**Resilient Futures**". Resilient futures imagine a future Earth that is sustainable, healthy, and equitable; that is robust to change; and is resilient through the many challenges that currently face society and that may come in the future. This concept encompasses environmental resilience, including the critical role of Earth sciences in understanding the planet's dynamic processes. Through collaborative efforts, innovative research, and the integration of cutting-edge technologies, we can ensure we face these challenges with the best fundamental science in-hand.

Proposals for scientific sessions are invited for all areas of CMOS and CGU, including specific areas of interest and general interest topics. Joint sessions between CGU and CMOS conveners are encouraged. We particularly encourage conveners from backgrounds historically under-represented in the earth science communities, including but not limited to early career researchers, women, people of colour, and indigenous community members. Sessions may encompass both oral (hybrid) and poster presentations (**in-person only**). The session proposal should include the session title (up to 40 characters), contact information for the session conveners (first name, last name, affiliation, email address), and a short paragraph of up to 300 words describing the scientific content of the proposed session. **All session proposals should be received by 2 December 2024 for consideration.**

Please submit your session [here](#).

We look forward to receiving your submissions,

Christopher Marsh, Chair of the Scientific Program Committee, on behalf of the Joint CMOS and CGU Scientific Program Committee

JulieThériault
Claire Oswald



EGU General Assembly

Vienna, Austria & Online, 27 April-2 May 2025

The EGU General Assembly is a prominent annual event that brings together geoscientists from all over the world into 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. The assembly is open to the scientists of all nations and is wheelchair accessible.

Deadlines

5 Jan 2025, 13:00 CET Deadline for receipt of abstracts

17-21 Jan 2025, 13:00 CET Late abstracts submitted through conveners

22 Jan 2025 Deadline for townhall meeting requests, Deadline for NET bookings

14 Mar 2025 Letter of schedule, Uploading meeting programme on web

17 Mar 2025 Child care request opens

17 Mar 2025 Commercial splinter meeting request opens

31 Mar 2025, 13:00 CET Deadline for Letter of invitation requests

31 Mar 2025, 13:00 CET Deadline for registering on reduced early rates and option for name badge pre-delivery

More extensive [schedule/deadline list](#)

[GEOTRACES points to](#) a session in their scope: *Chemical Processes in Coastal Oceans: Natural and Anthropogenic Impacts on Biogeochemical Processes*.



GRS/GRC Polar Marine Science

Gordon Research Conference (GRC) March 9 - 14, Lucca, Italy, 2025 -Sea Ice as a Nexus in Polar Seas Between the Ocean and the Atmosphere

During this fourteenth edition of the GRC on Marine Polar Science, we will examine sea ice from every angle and explore the limits of our most fundamental knowledge about this habitat, which is a key player on Earth and has been omnipresent at times in the past, and which fully covers some moons in our solar system.

[Details](#)

Limited registration - **Deadline** February 9, 2025

Gordon Research Seminar (GRS) March 8-9, 2025, Lucca, Italy, Understanding the Role of Sea Ice in Polar Ecosystem Dynamics

The Polar Marine Science GRS provides a unique forum for young doctoral and post-doctoral researchers to present their work, discuss new methods, cutting edge ideas, and pre-published data, as well as to build collaborative relationships with their peers. The seminar will feature approximately 10 talks and 2 poster sessions. All attendees are expected to actively participate in the GRS, either by giving an oral presentation or presenting a poster. Therefore, all applications must include an abstract.

[Details](#)

Limited registration - **Deadlines** for oral presentation December 1, 2024, Abstracts February 8, 2025.



Gordon Research Seminars

OCEANS 2025 Brest

June 16-19 2025, Le Quartz - Brest, FRANCE

We seek cutting-edge technical presentations with an emphasis on Marine Energy, Environmental Marine Engineering and a Digital Ocean for our conference in June 2025. OCEANS 2025 Brest will be an in-person conference, and it is expected that each paper/poster will be presented by the main author or one of the co-authors. Abstracts and full technical papers must fall under one of [these topics](#) and authors must specify which of the four categories of presentation listed on the [call for abstracts page](#) is preferred. Abstracts will be reviewed for suitability and lack of plagiarism, and the results of that review will be communicated to authors on (or before) 14th February 2025. Those that are accepted will be invited to submit a full paper or poster by 14th March 2025.



[Details](#)

Abstract deadline December, 20 2024



OCEANS 2025 Great Lakes

September 29-October 2, 2025, Navy Pier, Chicago USA

OCEANS 2025 Great Lakes will be an in-person conference. All authors will submit a technical paper to the conference proceedings. Authors will present their presentation onsite at their technical session. Each presentation will last no longer than 15 minutes, leaving time for questions and answers. Further instructions will be provided leading up to the conference. OCEANS 2025 will offer a high-traffic exhibit hall in the historic Navy Pier, feature compelling speakers, a suite of technical sessions, lively plenaries and town halls, and in-water technical demonstrations steps away from the exhibit hall! Integrated into the Technical Program will be several complementary efforts including: AquaHacking - tackling pernicious issues in the Great Lakes such as microplastics, nutrients and contamination; Smart Ships Coalition - changing the state of autonomous technologies and operations in marine applications; and Lakebed 2030 - focused on high-resolution mapping data in the Great Lakes and its application to research, policy-making and industrial applications.



[Details](#)

Abstracts open: March 1, 2025

Abstract submission deadline: April 30, 2025

Acceptance notifications sent out: June 16, 2025

Technical papers due: July 31, 2025

*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

Stage d'été en recherche en océanographie physicochimique

ISMER, Rimouski, Durée : 12 semaines, à partir du 2 juin

Rejoignez l'équipe de Mathilde Jutras, une nouvelle professeure d'océanographie à l'Institut des sciences de la mer (ISMER) de l'Université du Québec à Rimouski (UQAR) qui entrera en poste en juin 2025. Mathilde occupera une chaire de recherche du programme Transformer l'action pour



le climat (TCA), un programme multiuniversitaire dédié à l'étude du rôle des océans dans la lutte aux changements climatiques. TCA, financé à hauteur de près de 400 millions de dollars, découle du Fonds d'excellence en recherche Apogée Canada.



Titre du projet : Étude du mélange entre le Gulf Stream et le courant du Labrador sur le plateau continental, à partir de données observationnelles.

Il est possible de développer un autre projet selon les intérêts de l'étudiant.

Ce projet s'adresse à des étudiants suivant une formation en océanographie, physique, chimie, informatique, mathématique ou sciences environnementales.

N'hésitez pas à me contacter pour toute question ou simplement pour discuter, à mjutras@hawaii.edu. Site web : mathildejutras.github.io

[Offre](#)

Mechanical Engineering (Controls and Mechatronics)

Dalhousie University, Halifax NS

The Department of Mechanical Engineering invites applications for one probationary tenure-track faculty position at the rank of Assistant Professor. The successful candidate's research will align with Nova Scotia's and Dalhousie's research priorities with demonstrated expertise in the area of controls and mechatronics.



Applications from candidates in the field of intelligent controls, mechatronics and robotics are encouraged. Research areas that are of particular interest include:

1. Artificial intelligence/machine learning (development, application, integration), and
2. Autonomous systems, with preference given to applications in marine/ocean engineering, energy systems, manufacturing, and biomechanical.

The candidates must have a Bachelor's Degree in Mechanical Engineering and a Doctorate in Mechanical Engineering (or a Doctorate in a closely related engineering discipline). The successful candidate must be eligible and committed to registration as a Professional Engineer in Nova Scotia.

[Details](#)

Close Date 12/31/2024

Tenure Track Assistant Professor, Physical Geography

Memorial University, St. John's NL

The Department of Geography at Memorial University invites applications for a permanent, tenure-track, Assistant Professor position in Physical Geography, subject to budgetary approval. The position will commence on July 1, 2025 on the St. John's campus. Candidates must be fluent in the theory and practice of physical geography and should hold a PhD in geography or a relevant discipline. Our ideal candidate will be engaged in environmental change and/or coupled human-environment systems research. The areas of specialization may include but are not limited to topics such as water (hydrology) and water resources, climatology and meteorology, carbon cycling, wildfire dynamics, pedology, oceanography, glaciology, and landscape evolution. Candidates engaged in critical physical geography studies aligned with areas such as feminist GIS, Indigenous data sovereignty, Black geographies, queer ecology, or similar justice-based and community-serving research and teaching should outline them in their application.



This hire is specific to applicants who are Black or a Person of Colour as per approval granted by the Human Rights Commission pursuant to Section 8 of the Human Rights Act. Applicants must complete an employment equity survey in order to be considered a member of a target group(s), and thus be considered for this position. If you do not receive a survey or have any questions about it, please contact equity@mun.ca.

[Details](#)

Application **deadline** 10 January 2025

6 Academic Positions, Department of Earth Science and Engineering

Imperial College, London, UK

The Department of Earth Science and Engineering at Imperial College London is delighted to share that we are [hiring for six academic positions](#) at either Lecturer, Senior Lecturer or Reader level.

These are permanent academic positions, equivalent to Assistant and Associate Professor level, with a focus on three strategic growth areas:

- Climate/Environment/Sustainability
- AI/Machine Learning/Data Science
- Raw Materials/Energy/ Engineering



[Research in the Department of Earth Science and Engineering](#) is wide-ranging and across five broad themes: Climate & Environment, Energy & Resources, Life & Health, Earth Processes & Geohazards, and Planetary Science. All areas deploy and advance digital technologies such as computational modelling, AI, remote sensing, and data science.

The job reference is ENG03269, the **closing date** is 2 January 2025, and we will be holding interviews in the weeks of 24 March, 31 March and 7 April 2025.

[Details](#)

Deadline 2 Jan 2025

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

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

GENERAL

2025 SCOR Visiting Scholar Call

[Submit an application!](#)

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 \$2500 USD scholarships are not intended to conduct joint research, although future collaborations are a desirable outcome of a visit.



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

- Quality and relevance of the proposal focusing on knowledge exchange and mentoring in ocean sciences.
- 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.
- The potential for new research partnerships or other interactions to be created as a result of the visit.

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

Deadline for applications: 16 December 2024

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

A promotional banner for the 2025 SCOR Visiting Scholars program. The banner has a dark blue background on the left and a white background on the right. On the left, the SCOR logo is in the top left corner. Below it, the text "Applications now available!" is centered. The main title "2025 SCOR Visiting Scholars" is in large white font. Below the title, it says "Apply for funding to teach short courses and provide on-site education and mentorship in ocean sciences at developing country institutions." At the bottom left, it says "Applications due 16 December 2024". On the right, there are three photos: the top one shows two women in a lab setting, the middle one shows a person in a red shirt working with equipment, and the bottom one shows a group of people standing in front of a building with a sign that reads "S.A. INSTITUTE FOR AQUATIC BIODIVERSITY". Below the photos, it says "Highlights from 2024 Scholar Visits".

Un message de Serge Desjardins, président de la SCMO

Chers membres de la SCMO,

C'est avec grand plaisir et anticipation que je vous souhaite la bienvenue pour une nouvelle année d'activités de la SCMO, 2024-2025.

Le congrès de cette année se tiendra à Saskatoon du 25 au 29 mai 2025. Il s'agira d'un congrès hybride, jumelé à celui de l'UGC (Union géophysique canadienne), ce qui promet un programme scientifique riche en intérêt et en diversité. Les organisateurs sont déjà à pied d'œuvre. Comme d'habitude, l'appel à sessions devrait être lancé en novembre, suivi de l'appel aux résumés en janvier. Si vous envisagez de faire une présentation pendant le congrès, commencez à rédiger votre proposition afin qu'elle puisse être soumise à temps pour le premier appel. Cette année, évitons les reports de date, qui compliquent le travail des organisateurs de la conférence.

C'est la période de renouvellement des adhésions. N'oubliez pas de renouveler votre adhésion et d'encourager d'autres personnes à devenir membres de la SCMO. La force et la raison d'être de la SCMO sont définies par ses membres. J'invite tous les membres actuels à promouvoir la SCMO et son Congrès auprès de leurs collègues, anciens membres, étudiants et retraités. C'est l'événement annuel majeur que la SCMO organise. Pourquoi ne pas le considérer également comme le point de départ et de connexion de toutes nos activités, réunions, réseaux et publications scientifiques tout au long de l'année. Ensemble, nous avons beaucoup à accomplir et à partager.



C'est la dernière année du centre d'Halifax en tant qu'exécutif national, le centre de Winnipeg prendra la relève l'année prochaine. Les deux groupes travaillent déjà ensemble et forment un comité exécutif hybride. Il est à noter que le poste de trésorier demeure vacant. Si vous souhaitez apporter votre aide et acquérir de l'expérience au sein du comité exécutif, faites-le nous savoir (quelle que soit votre région ou votre centre). Contactez Gordon, notre directeur général (dir-exec@scmo.ca).

Alors que nous approchons tranquillement de la fin du premier quart de ce siècle, nous planifions également les prochaines années. Il est temps d'élaborer notre prochain plan stratégique, avec une vision qui prenne en compte les principaux changements technologiques, scientifiques et sociaux de cette décennie. Nous devons également élaborer ce plan afin d'attirer et d'engager la prochaine génération, qui assurera l'avenir de la Société. Plus que jamais, la mission de notre Société devient importante en ces temps où trop d'informations erronées et/ou non validées circulent sur Internet, polluant le véritable message des experts dont notre Société regorge en matière d'atmosphère, d'océan, de climat et de sciences multidisciplinaires connexes.

Enfin, c'est ma deuxième et dernière année en tant que président de la SCMO, et j'espère terminer le développement, entre autres, d'une procédure standard pour l'organisation de nos congrès, ce qui allégerait le fardeau des personnes qui se portent volontaires pour organiser un congrès dans leur partie du pays à l'avenir. L'existence d'une procédure standardisée et éprouvée nous permettrait de réorienter nos énergies vers le développement d'activités et d'événements pré et post-congrès.

Bonne automne à tous et toutes, et à nos membres étudiants, bonne chance dans vos études et votre travail.

Serge Desjardins, président de la SCMO

[Version PDF](#)

[Lien pour le renouvellement de l'adhésion](#)



A message from Serge Desjardins, CMOS President

It is with great pleasure and anticipation that I welcome you to another year of CMOS activities, 2024-2025.

This year's Congress will be held in Saskatoon from May 25 to 29, 2025. It will be a hybrid congress, twinned with that of the CGU (Canadian Geophysical Union) and therefore promises to have a richly interesting and diverse scientific program. The organizers are already hard at work. As usual, the call for sessions should go out in November, followed by the call for abstracts in January. If you're thinking of presenting during the congress, start drafting your submission so that it can be submitted in time for the first call. This year let's avoid deadline extensions, which complicate the work of the conference organizers.

It is membership renewal time. Don't forget to renew, and encourage others to become CMOS members. The strength and *raison d'être* of CMOS is defined by its members. I invite all current members to promote CMOS and its Congress to colleagues, former members, students and retirees. It is the major annual event that CMOS organizes. Why not also see it as the starting and connecting point for all our activities, meetings, networking and scientific publications throughout the year. Together, we have a lot to accomplish and share.



CMOS
Canadian Meteorological and
Oceanographic Society



SCMO
Société canadienne de météorologie
et d'océanographie

This is the Halifax Centre's last year as national executive, the Winnipeg centre will take over next year. Already, the two groups are working together as a hybrid executive committee. It's worth noting that the treasurer's position remains vacant. If you're interested in helping and gaining experience on the executive committee, let us know (no matter what region or centre you're from). Contact Gordon, our Executive Director (exec-dir@cmos.ca).

As we move quietly towards the end of the first quarter of this century, we're also planning for the next few years. It's time to develop our next strategic plan, with a vision that considers the major technological, scientific and social media changes of this decade. We also need to build this plan to attract and engage the next generation, who will oversee the future of the Society. More than ever, our Society's mission is becoming important in these times when too much erroneous and/or unvalidated information is circulating on the Internet, polluting the true message of the experts our Society abounds in when it comes to the atmosphere, ocean, climate and related multidisciplinary sciences.

Finally, this is my second and last year as CMOS president, and I hope to finish developing, among other things, a standard procedure for organizing our congresses, which would ease the burden on people who volunteer to organize a congress in their part of the country in the future. The existence of a standardized, tried-and-tested procedure would enable us to redirect our energies to developing pre- and post-congress activities and events.

Happy autumn to everyone and to our student members, good luck in your studies and work.

Serge Desjardins, CMOS President

[Link for membership renewal](#)
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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 #140 will be distributed in **January 2024**.

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

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Le Bulletin #140 sera distribué en **janvier 2024**.

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

Abonnement et désabonnement

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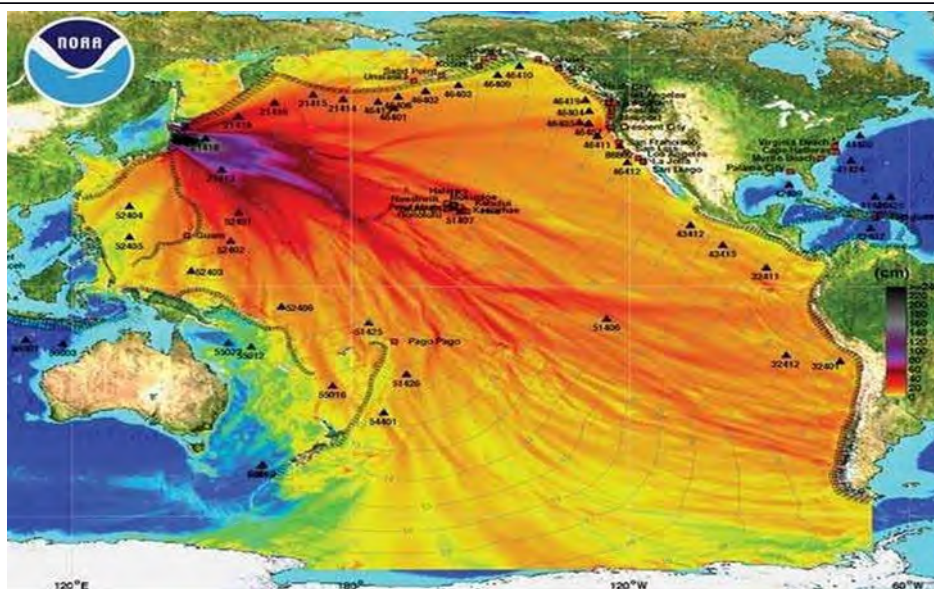
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