

CMOS
Canadian Meteorological and
Oceanographic Society



SCMO
Société canadienne de météorologie
et d'océanographie

The New Wave

Holiday Edition



Greetings, and thank you all for being a part of our community! As we enter the holiday season—a time to reflect on the year behind us and look ahead with hope—many of us will gather with family, friends, and loved ones. Whether you celebrate Christmas, Hanukkah, Kwanzaa, the Winter Solstice, or simply the essence of the season, we wish you joy, rest, and a very Happy New Year.

December brings a short special edition, reminding you to renew your membership and encourage new and past members to enrol.

Should you wish to opt out at any time, simply click the unsubscribe link at the bottom of the newsletter.

We would like to hear from you! Please send any suggestions, comments or constructive criticisms you may have to wave-comments@cmos.ca.

Membership

2026 Membership Drive

As we look to 2026 and the possibilities and challenges that lie ahead, we sincerely hope that you will consider renewing your support of the Canadian Meteorological and Oceanographic Society (CMOS). These past five years have been challenging ones for your Society. The Covid pandemic of 2020 was a major disruption, causing the cancellation of our 2020 Annual Congress and forcing the subsequent Congresses of 2021 and 2022 online, which contributed to a slow but steady decline in membership.

We are now on the rebound, finding our way through virtual meetings and Congresses, getting back into the swing of in-person gatherings, revitalizing your Council and its Executive, as well as revitalizing our publications and communications. We need an upsurge in volunteers looking to get involved, and the future can be as interesting and rewarding as we make it. A Society's success depends on its membership, and we are very much in a period of "ask not what your Society can do for you, but..."

We need you, and it all starts with your support through membership. [Please renew your membership today](#). We encourage past members to rejoin and reconnect, and for those new to the field, student memberships are free, and there are significantly reduced fees for early career professionals as well as retirees. Join us in advancing credible science, building the community, and strengthening Canada's voice for evidence-based decision-making in weather, climate, and ocean science

Events

Recent Events

A look back at the latest happenings! From conferences, seminars, and publications to exciting international events, catch up on key moments, insights, and takeaways from recent events relevant to the CMOS community.

- **The Artificial Intelligence and Meteorology Workshop** hosted by the CMOS Private Sector Committee was held Nov. 20, 2025 featuring presentations showcasing AI research and

applications from the public sector, private industry, and academia, followed by a panel discussion focused on fostering collaboration and building cross-sector partnerships. Instructions for members to access a recording of the workshop can be found [here](#).

- **Dr. Paul Myers elected as the President of the Scientific Committee for Ocean Research (SCOR), effective 2024-2028** (<https://scor-int.org/officer/paul-myers/>). Dr. Myers is a Professor, Earth and Atmospheric Sciences at the University of Alberta, On October 29-31, 2025, he chaired the SCOR Annual Meeting in Santa Marta, Columbia (<https://scor-int.org/events/scor-2025-annual-meeting/>). Dr. Myers is the first Canadian oceanographer to be elected SCOR President since Dr. Bjørn Sundby (2006-2008).
- **Government of Canada presents scientific insights about North Atlantic right whales and their potential for recovery.** On October 29, Fisheries and Oceans Canada (DFO) scientists presented a comprehensive update of the latest scientific knowledge of North Atlantic right whales and their potential for recovery to stakeholders and interested Canadians. You can access the report [here](#).
- **Gordon Griffith celebrated 10th Anniversary as CMOS Executive Director** on December 15, 2025. Thanks for his dedication.

Upcoming Events

- **CMOS Ottawa Centre** presents Igor Shkvorets Jan 15, 2026 in person at Irene's Pub 885 Bank St, Ottawa with a noon talk on **Sail for Science**. Sail for Science empowers sailors as citizen scientists by enabling the collection of ocean data to contribute to real ocean science
 - **The 60th CMOS Congress** will be virtual and will take place from June 1 to 4, 2026. Abstract submissions will be open from January 8 for approximately 8 weeks, with no possibility of extension. More information will be provided in the call for abstracts on January 8, 2026.
 - **[CONVERGE CDR Forum](#)** will be held in Halifax, NS December 2-3, 2025 on **Marine Carbon Dioxide Removal in Canada**.
 - **[ArcticNet Annual Scientific Meeting](#)** (ASM), Calgary AB, December 15-18, 2025. Participate in an Arctic and northern research gathering, pushing the boundaries of our understanding of the North, and contributing to a solid foundation of knowledge to effectively address the Arctic issues of today.
 - 106th **[American Meteorological Society Annual Meeting](#)** will be held Jan. 25-29, 2026 in Houston Texas. This is a hybrid event offering both in-person and virtual attendance.
 - **[Climate and Cryosphere Open Science Conference](#)**. Wellington NZ, February 9-12, 2026. The Changing Cryosphere: Science, Impacts and Adaptation.
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- [Ocean Sciences Meeting](#), February 22-27, 2026 Glasgow Scotland. The Ocean Sciences Meeting (OSM) is the flagship conference for the ocean sciences and the larger ocean-connected community.

News You Can Use

News

This section brings you curated media articles on recent severe events, cutting-edge research, and ongoing developments over the past couple of months. Results of the COP 30 in Brazil dominated the news recently, as did the introduction of colour-coded weather warnings from Environment and Climate Change Canada.

- [COP30: Key outcomes agreed at the UN climate talks in Belém](#)
- [COP30: Un accord modeste dans la bisbille](#)
- [COP30: Nations boost ocean ambition but skip key emissions cuts](#)
- [Coral reefs kept Earth's carbon cycle stable for 250 million years](#)
- [Annonce d'Alertes météo par code de couleur](#)
- [ECCC announces new colour-coded weather alerts](#)
- [Public-Private Engagement \(WMO-PPE\) - Interview with Carolina Vera, SISSA Argentina](#)
- OECD report: [Environmental Outlook on the Triple Planetary Crisis](#)
- [Perspectives de l'environnement sur la triple crise planétaire \(version abrégée\)](#)
- [Exposed Antarctic peaks could boost ocean's carbon absorption](#)
- [MEOPARs 2025 Strategic Support Horizon recipients announced](#) – supporting expeditions that unite disciplines, foster collaboration, and advance national priorities.
- [De nouvelles voies à explorer](#) : annonce des bénéficiaires du programme Horizon Support stratégique

