

SUMMARY OF THE FIFTH INTERNATIONAL MARINE PROTECTED AREAS CONGRESS AND LEADERSHIP FORUM

3-9 FEBRUARY 2023,
VANCOUVER, CANADA

June 2023

IMPAC5 Secretariat



IMPAC 5
FIFTH INTERNATIONAL
MARINE PROTECTED AREAS CONGRESS
CINQUIÈME CONGRÈS INTERNATIONAL
SUR LES AIRES MARINES PROTÉGÉES
VANCOUVER • CANADA

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IMPAC5 Partners

Host Nations and Organizations



xʷməθkʷəy̓əm

Musqueam
Indian Band



Skwxwú7mesh
Úxwumixw

Squamish Nation



Tsleil-Waututh Nation
PEOPLE OF THE INLET



BRITISH
COLUMBIA

Canada



WCPA
WORLD COMMISSION
ON PROTECTED AREAS



CPAWS
CANADIAN PARKS AND WILDERNESS SOCIETY

Other Partners



COASTAL
FIRST NATIONS
GREAT BEAR INITIATIVE



FIRST NATIONS
FISHERIES COUNCIL



INUIT



NUU-CHAH-NULTH
TRIBAL COUNCIL



CANADIAN
OCEAN
LITERACY
COALITION

LA COALITION
CANADIENNE DE
LA CONNAISSANCE
DE L'OcéAN



Sponsor Recognition

Platinum

GORDON AND BETTY
MOORE
FOUNDATION

Gold



GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET

Silver



BLUE NATURE ALLIANCE



THE
PEW
CHARITABLE TRUSTS

Bronze



PORT of
vancouver

Vancouver Fraser
Port Authority

Friends



Allen Institute for AI



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Foreword from the IMPAC5 Secretariat

On behalf of the partners of the Fifth International Marine Protected Areas Congress (IMPAC5) and the entire Secretariat team, we are pleased to present a summary report of the Congress.

Canada was honoured to host IMPAC5 in Vancouver, Canada, from 3-9 February 2023. We are grateful to the Host First Nations x^wməθk^wəyəm (Musqueam), Sk̓wx̓wú7mesh (Squamish), and səliłwətał (Tsleil-waututh) for welcoming the global ocean conservation community to their unceded ancestral territories for this momentous event. We also wish to highlight and thank our co-organizers, namely the Canadian Parks and Wilderness Society, the International Union for Conservation of Nature, the government of British Columbia, the IMPAC5 Indigenous Working Group and the IMPAC5 Young Professionals Committee for their essential contributions. For their tireless commitment and support and invaluable guidance throughout the planning and delivery of IMPAC5, we extend our deepest thanks to the IMPAC5 Planning Committee members. Appendix A contains a list of individuals we wish to recognize for their unwavering support.

Recognition of the urgent need to protect and restore ocean health surged globally over the past year, with numerous international forums increasingly addressing ocean conservation. In December 2022, at the United Nations Convention on Biological Diversity Fifteenth Convention of the Parties (COP15), the global community established a new marine protection target of 30 per cent by 2030. IMPAC5 built on this momentum just six weeks later, bringing together the largest-ever gathering of ocean conservation professionals to share their commitment, lessons learned and best practices, and to chart a course to achieve the new target. COP15 established *what* target to aim for; IMPAC5 focused on *how* to achieve it.

Over the course of the week, delegates from 128 countries attended panel discussions, speed talks and knowledge sharing sessions, with rich opportunities for networking, for connecting with colleagues and for appreciating the varied cultural programming. IMPAC5 also had a public outreach element, the Ocean Festival, which raised ocean awareness and galvanized support for local and global ocean protection.

The final day was dedicated to the IMPAC5 Leadership Forum, which invited a global cross-section of 250 leaders active in the ocean protection space. This report will share '*what was heard*' at the Forum, as well as the Chairs' Statement (Appendix C) that looks to the future.

The influence and perspectives of Indigenous Peoples and Young Professionals were omnipresent throughout the Congress, with members of these communities advising on and independently developing portions of the programming. We wish to acknowledge and celebrate the Indigenous world views, knowledge and perspectives shared with the global community at IMPAC5. Similarly, we wish to recognize the inspiring insights, passion, and energy brought by the members of the Young Professionals network.

Given the hundreds of events that comprised IMPAC5, this report can provide only a sample of what occurred. It is, however, the belief of the organizers that the relationships built, the lessons shared, and the clear recognition of the need for urgent action will lead to ongoing dialogue and rapid progress in protecting the global ocean.

Sincerely,

Manon Larocque

Manon Larocque

Director General, Strategic Programs Initiatives, IMPAC5, Department of Fisheries & Oceans Canada (DFO)

Sabine Jessen

Sabine Jessen

Executive Director, International engagement & communications, IMPAC5 (DFO/detached from CPAWS)

John Thomson

John Thomson

Director of Operations, IMPAC5 Parks Canada

1. Overview: The IMPAC Series and IMPAC5

1.1 The IMPAC Series

Since 2005, as a collaborative effort between the International Union for Conservation of Nature (IUCN) and a host country, the International Marine Protected Areas Congress series has been an important platform, both technically and politically, for promoting marine protected areas (MPA) as a key instrument of ocean sustainability. Convened every four years, IMPAC brings together a global community of managers and practitioners of marine conservation to exchange knowledge, experience and strengthen best practices in the application and management of MPAs.

The vision and core principles for International Marine Protected Areas Congresses (IMPAC) include organizing a high-quality and professionally coordinated international event, with the primary aim of gathering MPA managers and practitioners to exchange ideas and learn from others. Each IMPAC have their own themes and are encouraged to issue recommendations and assist in the establishment and ongoing implementation of a global, ecologically representative system of effectively managed and lasting network of MPAs, in coherence with the sustainable development of coastal and maritime activities.

The first IMPAC was hosted in 2005 in Geelong, Australia, with subsequent IMPACs hosted in Washington, D.C., USA (2009), Marseille, France (2013) and La Serena-Coquimbo, Chile (2017). In summer 2017, the Canadian Parks and Wilderness Society (CPAWS) was the lead proponent in developing the submission for Canada to host the next event, soliciting and securing the support of various Canadian organizations for the proposal. At the closing ceremonies of IMPAC4, Canada was awarded the host role for the Fifth International Marine Protected Areas Congress (IMPAC5).

1.2 IMPAC5

The Government of Canada co-hosted IMPAC5 in partnership with the Host First Nations: x^wməθk^wəyəm (Musqueam), S^kwx^wú7mesh (Squamish), and səliłwətał (Tsleil-waututh) whose ancestral territories encompass the Vancouver area, and the Canadian Parks and Wilderness Society (CPAWS), the International Union for Conservation of Nature (IUCN) and the Government of British Columbia.

IMPAC5 took place in Vancouver, February 3-9, 2023. From the outset, it was conceived to incorporate a powerful presence of and participation by Indigenous Peoples and by youth, young professionals and emerging leaders in ocean conservation. The event featured a five-day practitioners' conference, a public festival celebrating the ocean and promoting ocean conservation, and an "Ocean Expo" trade show where countries, corporations, innovators, and explorers connected directly with Congress attendees. IMPAC5 concluded with a high-level segment – the Leadership Forum – where the 250 invited leaders from Indigenous governments and organizations, governments, philanthropic organizations, civil society and academia to develop a roadmap to 2030 for ocean conservation. The

Leadership Forum concluded with a Chairs’ Statement from the two Canadian federal ministers who chaired the gathering. IMPAC5 was the largest of the IMPAC series to date, with a total of 3513 registered participants from 128 countries.

IMPAC5 was the first large ocean-related event after the United Nations Convention on Biological Diversity (CBD) fifteenth Convention of the Parties (COP15) in Montreal in December 2022, where the Kunming-Montreal Framework established new global conservation targets. In response, IMPAC5 aimed to mobilize and build international support towards Target 3, of achieving at least 30 per cent marine protection by 2030 target, as also advocated for by the High Ambition Coalition for Nature and People, the Global Ocean Alliance, the High-Level Panel for a Sustainable Ocean Economy, as well as the IUCN. The Intergovernmental Conference on marine biodiversity of areas beyond national jurisdiction occurred a few weeks later in March 2023, where members successfully concluded negotiations of the High Seas Treaty, further advancing marine conservation goals.

The Congress additionally built on the achievements and momentum of other events which had occurred in 2022, such as the Our Ocean Conference, the Conference of the Parties to the United Nations Conventions on Climate Change (COP27), the United Nations Ocean Conference, and the G20 meeting. In essence, therefore, IMPAC5 was a forum for the world’s marine conservation leaders, practitioners, and decision-makers to discuss and develop how to achieve the Kunming-Montreal targets, including 30 per cent protection by 2030.

1.3 Guidance and Governance

IMPAC5 strove to be a consensus-based collaboration. To ensure input and guidance of other partners and stakeholders was present throughout the planning process, the Planning Committee was established. It was comprised of representatives of:

- x^wməθk^wəyəm Musqueam Band
- Skwxwú7mesh Squamish Nation
- səlilwətał Tsleil-waututh Nation
- University of British Columbia, Institute for Oceans and Fisheries
- Assembly of First Nations (AFN)
- Canadian Parks and Wilderness Society (CPAWS)
- Coastal First Nations (CFN)
- Fisheries and Oceans Canada (DFO)
- Environment and Climate Change Canada (ECCC)
- First Nations Fisheries Council of BC
- Government of British Columbia
- International Union for Conservation of Nature (IUCN)
- Inuit Circumpolar Council (ICC)
- Nuu-Chah-Nulth Tribal Council
- Parks Canada (PC)
- Youth for Nature – later replaced by Ocean Wise

The Planning Committee was invaluable in ensuring that the Congress reflected the priorities and perspectives of the partners and stakeholders.

The planning and production resources for IMPAC5 were provided by a partnership of Fisheries and Oceans Canada (DFO), Parks Canada (PC) and Environment and Climate Change Canada (ECCC) with additional support from the Government of British Columbia.



2. Context and Objectives in Hosting IMPAC5

The ocean represents over 90 per cent of the living space for species on the planet and a stable and healthy ocean is critical to billions of people around the world, namely as a key source of sustenance. It generates oxygen; provides food security, climate resilience and storm protection; preserves biodiversity and creates cultural and economic opportunities for humankind. Despite these major impacts, the ocean remains a mystery.

Marine protected areas (MPAs) and other designations, such as Other Effective Area-based Conservation Measures (OECMs), and Indigenous Protected and Conserved Areas (IPCAs)—particularly those with effective management and high levels of protection—are some of the most effective tools for protecting and restoring ocean health. These designated areas create many ecological, social, and economic benefits while also ensuring the sustainability of this importance resource for the future.

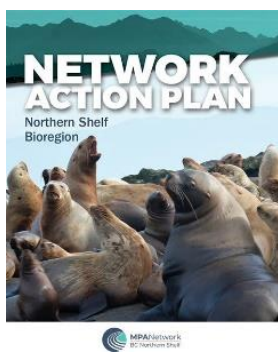
The Government of Canada is committed to improving outcomes for marine health and biodiversity through global ocean protection within and beyond its borders. Between 2015 and 2022 Canada increased its marine protected areas from less than 1 per cent to more than 14 per cent .

In its efforts to manage Marine Protected Areas (MPAs) and the effects of human activity on the ocean, Canada has created comprehensive standards for protected areas. These include: the creation of explicit protection standards which prohibit oil and gas exploration, seabed mining, bottom trawling, and dumping in all new marine protected areas and intentions to upgrade the protection standards for existing sites over the coming years. Canada also recognizes the importance of creating frameworks for co-management, especially with respect to Indigenous peoples and communities.

Canada has set goals to conserve 25 per cent of Canada's land and 25 per cent of Canada's oceans by 2025, and committed to 30 per cent by 2030. As a member and supporter of the Global Ocean Alliance, the High Ambition Coalition for Nature and People (which includes a terrestrial conservation target), and the Leaders' Pledge for Nature, Canada also advocates internationally to protect 30 per cent of the world's ocean by 2030.

It is with this context in mind that the IMPAC5 partners established the goals for the Congress:

- To demonstrate global support for marine conservation efforts such as networks of marine protected areas and marine spatial planning.
- To provide an opportunity to celebrate and galvanize global cooperation in marine conservation.
- To provide an opportunity for countries to come together to chart a course towards a post-2020 biodiversity framework for ocean conservation.
- To showcase the important role of marine protected areas in addressing the climate crisis and conserving biodiversity in a post-pandemic world.
- To share what is uniquely Canadian: the vast marine and coastal environment, the rich diversity of local and Indigenous Peoples and coastal cultures, our collective efforts, and our world-class ocean science and management regime.



Over the course of IMPAC5, a number of announcements were made by the Canadian federal government, province of British Columbia, and First Nations concerning marine conservation and protection. The full list of announcements can be found in Appendix B. Success in achieving the 30 by 2030 target depends on the establishment of strong partnerships, as exemplified in the announcement of a Marine Protected Area Network plan to protect British Columbia's North Coast.



BIORÉGION DU PLATEAU NORD

On 5 February 2023, the blueprint for a vast network of marine protected areas across a third of Canada’s West Coast was unveiled after more than a decade of work. On this day, 15 First Nations, the Government of Canada, and the Government of British Columbia jointly announced the endorsement of the Marine Protected Area Network Action Plan (the Action Plan) for the Northern Shelf Bioregion. *Marine Protected Area Network partners endorse plan to protect British Columbia’s North Coast - Canada.ca*

3. Congress Structure and Guiding Concepts

IMPAC5 had multiple components, which included the Conference (core program), the Leadership Forum, the Ocean Expo and Ocean Festival. The co-organizers decided early on to provide significant resources and space to the role and voice of Indigenous Peoples and Young Professionals, resulting in each developing their own complementary programming streams. Finally, ceremonies, cultural and other programming also made up an important part of participants’ experience and have their own section in this report. Each of these elements is described in subsequent sections of this report.

- Conference
- Indigenous IMPAC5 Programming
- Young Professionals Programming
- Innovation and Transformational Change Programming
- Ocean Expo
- Ocean Festival
- Ceremonies, Cultural and Other Programming
- Leadership Forum

3.1 Congress Themes and Cross-Cutting Streams

Three cross-cutting streams guided the planning, development, and implementation of all aspects of the Congress, purposefully interweaving new ideas and perspectives throughout. These were: *Indigenous Peoples' Leadership, The Voice of Young Professionals, and Innovation and Transformational Change.*

IMPAC5 themes represent a number of important topics in the field of marine protected areas and were the foundations on which IMPAC5 was built. Each day of the five-day Congress was dedicated to a single theme. The themes were: *Building a Global Marine Protected Area Network; Advancing Conservation in the Blue Economy; Actively Managing Marine Protected Areas and Human Activity; Conserving Biodiversity and addressing the Climate Crisis; Connecting Ocean, Culture and Human Well-Being.*

IMPAC 5 Themes and Streams



3.1.1 Themes and Streams: Development

The themes and streams were developed through a rigorous process including:

- An in-depth review of global MPA publications and information that identified key and timely topics in ocean conservation.
- A series of meetings, workshops and consultations with MPA managers, Indigenous groups, the International Union for Conservation of Nature International Committee, young professionals, the Canadian Parks and Wilderness Society, representatives from the Governments of Canada and British Columbia, MPA experts external to government, and the IMPAC5 Planning Committee, to ensure representation of the marine protection issues important to all parties.

All submissions for IMPAC5 content were required to show clear alignment with one or more of the five themes, specifically with one or more of the questions per theme and to contribute to at least one cross-cutting stream. Submitted proposals were selected based on their adherence to these requirements, and evaluation by professional experts in each theme (see Appendix A for theme working group members). Keynote speakers were selected to represent diverse perspectives on each IMPAC5 theme or cross-cutting stream.

3.1.2 Cross-Cutting Streams

3.1.2.1 Indigenous Peoples' Leadership

This stream was selected as recognition of the important role that Indigenous Peoples have played since time immemorial in the stewardship of their lands and oceans. Involvement of Indigenous Peoples and incorporation of their ideas, practices and worldviews is essential to advance ocean conservation worldwide. Priorities of this stream included:

- Respecting the United Nations Declaration of the Rights of Indigenous People (UNDRIP) and reconciliation in ocean governance
- Recognizing Indigenous Peoples' leadership in ocean conservation
- Showcasing Indigenous Protected and Conserved Areas
- Incorporating Indigenous ways of knowing
- Enhancing regional, national and international networking
- Strengthening capacity of Indigenous communities
- Understanding connections between art, culture and ocean

The IMPAC5 Host First Nations – x^wməθk^wəyəm (Musqueam), Sk̓wxwú7mesh (Squamish), and səliwətəl (Tseil-waututh) – and the Indigenous Working Group were foundational members of the IMPAC5 Planning Committee. An Indigenous Leadership Committee was established to act as convenors and play a leading role as active participants at the IMPAC5 Leadership Forum.

Indigenous Peoples' Leadership was woven throughout the main program, and Indigenous-specific programming included a pre-conference information session, the Indigenous Caucus, a lounge and networking area, a banquet and a pavilion in the Expo area. Approximately one third of all accepted presentation proposals identified with the Indigenous Peoples' Leadership stream and five of 15 keynote speakers were Indigenous leaders who shared their perspectives on marine management and protection.

For more information about Indigenous Leadership and participation in planning and at the Congress, see Section 5.

3.1.2.2. The Voice of Young Professionals

Young professionals around the world are demanding to be meaningfully included in conservation and climate initiatives but are often still marginalized in international decision-making. This IMPAC5

stream celebrated their voices by ensuring their perspectives were incorporated throughout the congress. Priorities of this stream were:

- Meaningfully including Young Professionals in all aspects of IMPAC5
- Building capacity and connections
- Enhancing inter-generational learning and dialogue
- Fostering mentorship opportunities
- Showcasing global youth movements

The IMPAC5 Young Professional Committee, consisting of 15 emerging leaders under 35 years old from around the globe, was represented in all IMPAC5 planning meetings and decisions. One quarter of all accepted presentations were from Young Professionals, and five of 15 keynote speakers were young professionals who riveted the congress with their brave and honest perspectives on the future of ocean protection. For more information about Young Professional Leadership and participation in planning and at the Congress, see Section 6.

“Having attended many international conferences, I must say that the way you have given space to Young Professionals and Indigenous voices – this is truly transformative and a model for future conferences to follow.”

Aulani Wilhelm, Sr VP for Oceans at Conservation International, Assistant Director for Ocean Conservation, Climate and Equity at the White House office of S&T Policy

3.1.2.3 Innovation and Transformational Change

New ideas and solutions are required to make the kind of changes necessary to protect, restore and support MPAs and all ocean conservation. This stream promoted innovation and challenged attendees to explore new ideas to support the type of transformational change required to address the challenges we face. Priorities of this stream included:

- Celebrating opportunities and discoveries
- Exploring novel institutional and governance arrangements
- Engaging local cultures and politics
- Showcasing new technologies to advance protection and connection of MPAs
- Embracing new partners and stakeholders and interdisciplinary approaches

Proposals were ranked, in part, based on the innovation they presented, and new ideas were encouraged in all aspects of IMPAC5. An Ocean Innovation and Technology Series in the Ocean Expo challenged applicants to propose new technologies to aid ocean protection. For more information about the Ocean Innovation and Technology Series, see Section 7.

3.1.3 IMPAC5 Themes

Each day of the Conference was dedicated to one of the five Congress themes. Highlights of the related programming are provided in Section 4.3.

3.1.3.1 Building a Global Marine Protected Area Network

Oceans and the processes and life in them do not recognize international borders so achieving 30 per cent ocean protection on the planet by 2030 requires a global effort. The goal of this theme was to work with the global marine community to create effectively managed MPAs that will result in a lasting, global network of protected ocean spaces, by addressing these questions:

- *What are the elements of success to building a global network and what are the major milestones to get there?*
- *What are the barriers to success and how are they successfully being overcome (e.g., environmental, social, political, financial)?*
- *How can we accelerate and implement actions to scale-up protection efforts?*

3.1.3.2 Managing marine protected areas and human activity

Marine Protected Areas are dependent on support from local communities for their success. This theme addressed this challenge, with the goals of 1) developing the tools and approaches to design and effectively manage future and existing MPAs, and 2) advancing successful approaches to ensure MPAs are sustainable and resilient through community engagement and advocacy, monitoring and evaluation, and compliance and enforcement.

Specifically, this theme addressed the following ideas:

- *What are the enabling conditions required for the successful design and management of effective MPAs?*
- *What are the barriers for successfully designing and managing effective MPAs and how are these successfully being overcome?*
- *While ensuring ocean health as a priority, how do we simultaneously ensure effective ocean protection and manage ocean-based human activities?*

3.1.3.3 Conserving biodiversity and addressing the climate crisis

Biodiversity loss is inextricably linked to climate change through alteration to the physical and biological variables upon which species rely. Protecting habitat provides a safeguard for associated species, ecosystem interactions, and services. With over two decades of active MPA establishment and management in the rearview, 2023 is an opportune year to take stock of our collective knowledge, experiences and ways of knowing the ocean, to ensure current and future MPAs build resiliency to climate change and are designed to conserve and restore biodiversity.

This theme was selected to address:

- *How can MPAs successfully address the dual crises of biodiversity loss and climate change?*
- *What is the role of MPAs in mitigating climate change?*
- *How can we better design MPAs and networks of MPAs to be resilient to climate change impacts and effects?*

3.1.3.4 Connecting ocean, culture and human well-being

The world ocean is important to all of us, producing most of the air we breathe to sustaining the livelihoods and cultures of millions of coastal peoples. The goal of this theme was to stimulate a global dialogue among a diverse network of individuals, organizations, and governments to advance understanding of the interconnectedness of ocean culture, commerce, recreation, education and food security. This theme explored and celebrated these linkages by asking:

- *What does the global network of MPAs play in shaping policies and practices around food security, nutrition and health?*
- *What is the role of the exchange of ideas, information, art, language and other aspects of culture among nations and their people in fostering networks of effective MPAs?*
- *How can public and community engagement be leveraged to raise awareness, deepen understanding and strengthen the support for the role of MPAs in ocean protection?*

/

3.1.3.5 Advancing conservation in the blue economy

This innovative and timely theme addressed the function of inclusion in defining the role of MPAs and ocean conservation efforts in the blue economy. The goals of this theme were 1) advancing solutions and approaches to demonstrate that conservation and the protection of oceans makes good socio-economic sense and 2) advancing knowledge and understanding of the role and effectiveness of MPAs as a nature-based solution for growing the blue economy. Specifically, we asked:

- *How do we ensure a blue economy is sustainable and contributes to better protecting and restoring the ocean?*
- *How can MPAs be integrated with and supported by the blue economy?*
- *How can we overcome barriers to significant, scale-up investments, now needed post-pandemic, to better protect and manage existing and proposed MPAs?*

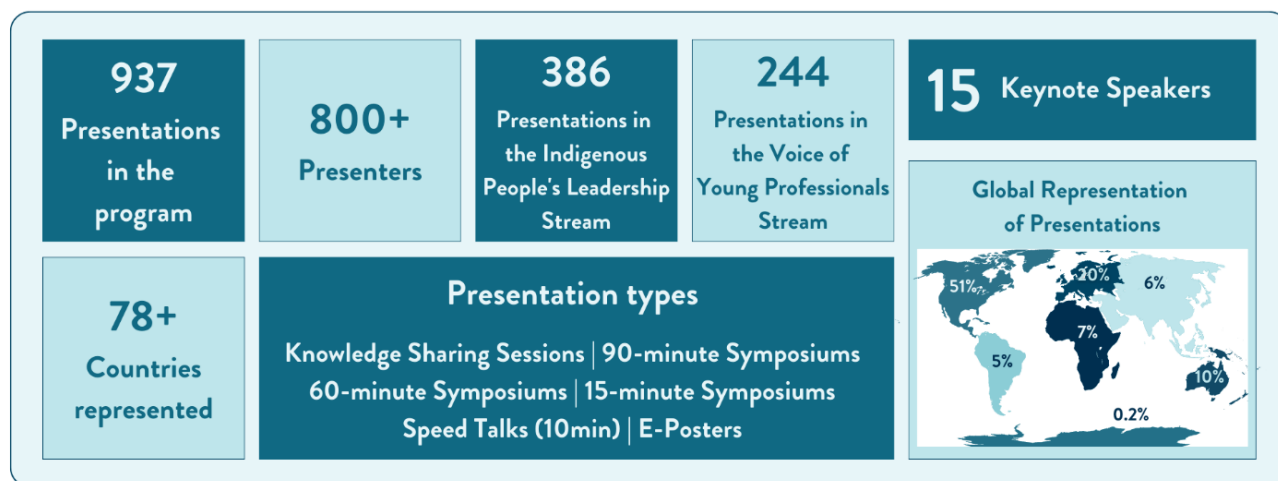


Douglas Coupland Whale next to the Vancouver Convention Centre

4. The Conference

The Conference, running from 3-8 February, was the practitioner-focused element of the Congress. The depth and breadth of the five-day program schedule was unprecedented in the IMPAC series: over five days, it featured 937 presentations from 78+ countries and every continent and included some of the world's most influential ocean protectors, Indigenous leaders, and emerging young global leaders.

IMPAC 5 Program Highlights



4.1 Keynote Speakers

Each day of IMPAC5 began with three keynote presentations on the theme of the day. Keynote speakers were chosen to ensure diversity of perspectives and the keynote line-up had an equal number of young professionals, Indigenous people and established conservation professionals. These exciting keynote presentations were the main event of the congress and attended by all participants. The keynote presentations electrified the congress and set the tone for each day.

Recordings of the keynote presentations are available to Congress registrants on the [Chime platform](#) and at the IMPAC5 YouTube channel (see Appendix B).

4.2 Knowledge-Sharing Sessions

The keynote sessions were followed by three 60–90-minute knowledge-sharing session periods; each session included multiple speakers, with up to 22 concurrent sessions in a single session period. The session formats were varied, and included plenaries, panels, speed talks and more. A networking session and e-poster event rounded out the Conference schedule.

Recordings of select knowledge-sharing sessions are available to Congress registrants on the [Chime platform](#) and will be made accessible to the public later in 2023.

4.3 Daily Conference Highlights

Daily highlights are categorized by theme and summarized below. These include summaries of the keynote addresses. Of the numerous knowledge-sharing sessions, fifteen presentations of note were livestreamed and recorded for posterity each day. A few of these exemplary presentations are listed within each theme section below, providing a taste of the day's program.

4.3.1 February 4: Building a Global Marine Protected Area Network

Twenty per cent of all submitted presentation proposals for IMPAC5 addressed the theme of *Building a Global Marine Protected Area Network*. This theme kicked off with keynote presentations by three incredible women, who set the tone for the day by providing a powerful youth perspective, a personal account of the creation of one of the planet's largest MPAs, and by showing us the power and necessity of sharing knowledge through storytelling.

Keynote Speakers

Ruth Mthembu, *Ocean Advocate, South Africa Youth for MPAs*

This IMPAC5 Young Professionals Committee member gave a brave and honest overview of the challenges and successes of ocean protection in South Africa, with the acknowledgement that political and socio-ecological realities on the ground present challenges to making marine protection a priority in many countries.

Aulani Wilhelm, *Senior Vice President for Oceans, Conservation International; Assistant Director for Ocean Conservation, Climate and Equity, White House Office of Science and Technology Policy*

Ms. Wilhelm recounted the challenges and ultimate victory of creating Papahānaumokuākea National Marine Monument in Hawaii, and the absolute imperative of recognizing tenure rights of Indigenous Peoples and local communities in MPA creation and success.

Cristina Mittermeier, *President & Founder Sea Legacy*

An internationally celebrated photographer and speaker, Ms. Mittermeier took IMPAC5 on her journey of becoming a visual storyteller from her childhood love of the ocean in Mexico to leading an internationally renowned NGO whose mission is to raise awareness of the imperative of ocean protection everywhere. Ms. Mittermeier's message: "Without stories, the ocean dies in silence."

Featured livestream sessions of note:

1. Making 30X30 a Reality: Lessons Learned from Scaling Up to MPA Networks Across a Global Marine Portfolio | Country: Turkey
2. A 30 by 30 Hurdle Race: Science-Based Conservation in the Eastern Tropical Pacific | Country: Ecuador
3. Evolving Leadership to Create Canadian National Marine Conservation Areas and Indigenous Protected Areas: Indigenous and Crown Governments Take Action | Country: Canada

-
4. Advances in Identifying and Recognizing Marine OECMs - Initial Lessons Learned on Their Contribution to the Global Area-Based Conservation Target | Country: Tunisia

4.3.2 February 5: Managing marine protected areas and human activity

Forty-three per cent of all submitted presentation proposals for IMPAC5 addressed this theme of *Managing marine protected areas and human activity*. The keynote speakers presented visions of the future of our interaction with our oceans, through an academic outlook, an Indigenous call for reconciliation, and a perspective of hope.

Keynote Speakers

Daniel Pauly, *Principal Investigator, Sea Around Us; Professor (University Killam Professor), University of British Columbia*

Mr. Pauly presented a summary of his career studying the global fishing industry and his perspective that if high seas MPAs are not achieved, the 30 per cent by 2030 target for marine protection will be very difficult to achieve.

Qáńístisla Michael Vegh, *Hálcístut Implementation Manager, Heiltsuk Nation*

Drawing on experience from overseeing projects related to economic development, Heiltsuk language revitalization, housing, marine and fisheries operations, and self-governance, and his expertise on the Commission for Environmental Cooperation's Traditional Ecological Knowledge Expert Group, Mr. Vegh engaged the audience with a powerful keynote advocating for reconciliation between Indigenous Nations and settler governments as the way forward to preserve the integrity of human communities and nations, our ocean resources and sense of place.

Sylvia Earle, *Founder & Co-Chair, Mission Blue*

Ms. Earle's depth of view challenged people to reflect on the relationship with the planet's life support system, the ocean, and to rethink utilitarian and over-consumptive philosophies, while providing hope that together we can save our oceans, and ourselves.

Featured livestream sessions of note:

1. Developing a Network of Marine Protected Areas in the St. Lawrence, a Heavily Used Environment | Country: Canada
2. Innovation in Improving Marine Protected Areas: A New Online Platform for the Planning and Management of MPAs | Country: Kenya
3. Identifying Synergies and Tradeoffs of Sustainability Management Interventions Within MPAs to Ensure They Benefit to Both Nature and People | Country: Madagascar
4. Mangroves and MPAs: How Can We Increase Effective and Systematic Protection of Mangroves and Their Ecosystem Services? | Country: United States

4.3.3 February 6: Conserving biodiversity and addressing the climate crisis

This theme was addressed by 14 per cent of all submitted presentation proposals for IMPAC5. This theme's keynote speakers represented different perspectives on how the climate crisis is affecting all of us, particularly Indigenous communities and youth, and the value of place-based research and initiatives.

Keynote Speakers

Asha de Vos, Founder & Executive Director, Oceanswell

Ms. de Vos recounted her journey from her home country of Sri Lanka to TED fellow and internationally celebrated marine biologist, including numerous experiences of researchers and organizations from the global north trying to take credit for her work in Sri Lanka. In this powerful keynote address, Ms. de Vos called out “parachute science” and called on Congress attendees to meaningfully support local initiatives in their home countries or risk losing the valuable knowledge they hold.

Britt Wray, Author, Generation Dread; Finding Purpose in an Age of Climate Crisis; Chair, Special Initiative on Climate and Mental Health, Department of Psychiatry and Behavioral Sciences, Stanford University School of Medicine:

Ms. Wray validated the eco-anxiety that all of us – especially young and Indigenous people – feel, drawing on her extensive study of human connectedness to our natural surroundings. She encouraged Congress attendees to harness eco-distress to create a deeper sense of purpose in their lives.

Dalee Sambo Dorough, Inuit Circumpolar Council

Using her background as an Iñupiaq advocate for Indigenous rights as well as an expert in international human rights law, international relations, and Alaska Native rights, Ms. Dorough spoke of the inherent right of Inuit people to their territories and the lessons we can all learn from Inuit marine resource use and management.



Left to Right: Keynote speakers Sylvia Earle, Q̄ánístis̄la Michael Vegh and Asha de Vos

Featured livestream sessions of note:

1. From Saguenay-St. Lawrence to the Salish Sea: Lessons Learned to Managing Vessel-Based Activities in MPAs With Whales | Country: Canada
2. Making the Connections Between MPA Responses and Climate. Measurement, Mechanisms, and Management Recommendations on How MPAs Can Provide Resilience | Country: United States
3. Sustainable Financing of MPAs: Diversification and Scaling-Up of Sustainable Financing Solutions to Close the Marine Conservation Financing Gap | Country: France
4. Blue Carbon: A Nature Based Solution to Climate Change Mitigation | Country: Canada

4.3.4 February 7: Connecting ocean, culture and human well-being

This theme encompasses all of humanity’s interactions with the oceans. Seventeen per cent of all presentation proposals submitted to IMPAC5 identified primarily with the theme *connecting ocean, culture, and human well-being*. The keynote presentations for this theme included a Tahitian elder, a United Nations Special Envoy and a Minister from an island state, who all stressed the importance of repairing our relationship with the ocean for the sake of our collective future.

Keynote Speakers

Hinano Teavai-Murphy, Cultural Director, Tetiaroa Society

Born on a small atoll in the South Pacific, Ms. Teavai-Murphy shared personal stories of her relationship with her island and the ocean, sharing Tahitian oral traditions which highlight the connections between the ocean, her culture, and the wellbeing of her community. This Tahitian elder used imagery of all of us paddling in a va’a (canoe) for the work we need to do to reach our ocean protection goals together.

Peter Thomson, Special Envoy for the Ocean, UN Department of Economic and Social Affairs

Providing an international governance perspective, Ambassador Thomson stressed the importance of the recent Kunming-Montreal Global Biodiversity Framework adopted in December 2022 as the “most important universal agreement we have.”

H.E. Shauna Aminath, Minister, Environment Climate Change and Technology, Republic of the Maldives

Minister Aminath described her country not as a nation of small islands, but as a big ocean state and reminded us that the Maldives are on the frontlines of suffering from climate change as the oceans rise and her atolls are disappearing into the ocean.

Featured livestream sessions of note:

1. Indigenous Perspectives on Marine Planning and Advancements Through Reconciliation in the Northern Shelf Bioregion | Country: Canada
2. The Contribution of Indigenous Peoples to the Conservation of the Chilean Blue Patagonia: A Call for Recognition and Action | Country: Chile

3. How World Heritage Listed Reefs Empower Communities to Adapt to a Changing Climate | Country: Australia
4. Youth Engaging Youth to Support Conservation Action | Country: Canada



*Youth Engaging Youth to Support Conservation Action session
Photo by IISD/ENB | Anastasia Rodopoulou*

4.3.5 February 8: Advancing conservation in the blue economy

While only ten per cent of submitted presentation proposals addressed the theme *advancing conservation in the blue economy*, the discussions on this topic were some of the most poignant at IMPAC5. The Blue Economy is a new concept that is currently being defined, and its scope goes far beyond sustainable ocean industry and tourism. The keynote speakers for this day represented international, Indigenous, and local community aspects of the Blue Economy that must be considered as we, collectively, define this idea that is shaping our future relationship with the ocean.

Keynote Speakers

Patricia Scotland, Secretary-General, Commonwealth

Secretary-General Scotland provided an international perspective and called on nations worldwide to use the Commonwealth Blue Charter as a template to develop equitable Blue Economy strategies to guide the future of sustainable ocean economies.

Cloy-e-iss Judith Sayers, Nuu-chah-nulth Tribal Council

Starting with lessons passed on to her by her elders, Ms. Sayers shared examples of the power of implementing indigenous ways of knowing and being to understand local marine resources. Combined with her legal and business expertise, Ms. Sayers provided a passionate reminder to Congress attendees that a blue economy cannot exist without the involvement and consent of local Indigenous Peoples.

Titouan Bernicot, Founder & CEO, Coral Gardeners

Twenty-five-year-old Bernicot recounted his journey from surfer concerned about the bleaching corals on his home reef break to Founder and CEO of Coral Gardeners; a group of local island youth who are revolutionizing the way coral reef restoration is communicated, funded and experienced internationally. Mr. Bernicot reminded Congress attendees that the Blue Economy is also, and importantly, about providing jobs for local people to protect their ocean places.

Featured livestream sessions of note:

1. The Whole Site Approach to Marine Protected Area and Other Effective Conservation Measures Management to Achieve Fisheries and Conservation Goals | Country: United Kingdom
2. Advancing Financing Mechanisms for MPAs in Middle-Income Countries: Progress in Chilean Patagonia | Country: Chile
3. Sustainable Finance for MPAs | Country: Belize
4. Regenerating Ocean Health Through the Regenerative Cultivation of Seaweeds and Their Conservation at Scale: It Takes a Village | Country: Canada

5. Indigenous IMPAC5



Indigenous Peoples have always held important roles in protecting and stewarding the world ocean. From the outset, including the original bid proposal to IUCN, the role of Indigenous peoples in ocean conservation was a cornerstone of IMPAC5.

Developed by the IMPAC5 Indigenous Working Group, Indigenous IMPAC5 was a series of Indigenous-specific activities and events intended to complement and

enhance the overall programming of the IMPAC5 Congress, and the experience of Indigenous participants. Over 400 registrants identified as Indigenous or represented an Indigenous Nation, government, or organization.

5.1 Indigenous Involvement and Leadership in Congress Development

5.1.1 IMPAC5 Indigenous Working Group

The Indigenous Working Group, with coordination support from Indigenous-owned planning firm Alderhill, developed and organized culturally appropriate and inclusive Indigenous-led events and activities with the goals of:

- Creating opportunities for Indigenous participants at IMPAC5 to network, share, and learn from one another about Indigenous marine protection approaches and initiatives worldwide;

-
- Supporting Indigenous participants at IMPAC5 to coordinate and strategize for relevant elements of the regular conference program (e.g. recommendations), and;
 - Highlighting local Indigenous Peoples and approaches to marine protection and stewardship.

The Indigenous Working Group included representatives from Musqueam Indian Band, Squamish Nation, Tsleil-Waututh Nation, the Assembly of First Nations, the Inuit Circumpolar Council, Uu-athluk Nuu-chah-nulth Tribal Council, Coastal First Nations and First Nations Fisheries Council of BC.

5.1.2 Indigenous Leadership Committee

The Indigenous Leadership Committee was established on behalf of the Indigenous Working Group to act as conveners and play a leading role as active participants at the IMPAC5 Leadership Forum. The Indigenous Leadership Committee participated in the Indigenous Caucus and the Indigenous Banquet, engaging and liaising with Indigenous Congress participants. The Indigenous Leadership Committee collated and communicated Indigenous interests and recommendations from the caucus to ensure they were represented at the Leadership Forum.

“IMPAC5 was a great success, and I’ve heard from international colleagues that they have never been to a conference where Indigenous peoples and rights were built in so well. The announcements, progress and momentum in Canada was amazing and it really set the stage for momentum towards 2025 and 2030.”

Susanna Fuller, Vice-President, Operations and Projects, Oceans North

5.2 Indigenous Programming at the Congress

5.2.1 Pre-Conference/Indigenous Caucus

In advance of the Congress, a virtual information session was held for international Indigenous delegates. The session was an opportunity to seek feedback from international Indigenous organizations to ensure Indigenous-specific activities, including the Indigenous Caucus, were aligned with international delegates’ needs and vision.

The Indigenous Caucus was a one-day pre-IMPAC5 facilitated session, where Indigenous Peoples from around the world who travelled from as far as Rapa Nui (Easter Island, Chile) took part in discussions to strategize on multiple important topics relating to Indigenous-led marine conservation. Attended by over 200 Indigenous delegates from around the world, the *Open Space* style facilitated session was an opportunity for the Indigenous global community to share stories and explore topics – from creation stories to legal frameworks and much more. Graphic recorder and witness Michelle Buchholz illustrated what was shared during the discussion.

Drawing from their experiences in marine conservation, delegates provided informal recommendations to the Indigenous Leadership Committee members to support their attendance at the Leadership Forum on February 9th, ensuring that the priorities of Indigenous delegates would be brought forward into that space.



INDIGENOUS AUTOCHTONES

<p>Indigenous Caucus 3 February 200+ Attendees</p> 		<p>Indigenous Pavilion 4-8 February Ocean Expo</p>	<p>Indigenous Working Group Members</p> <ul style="list-style-type: none"> Musqueam Indian Band Tsleil-Waututh Nation Squamish Nation Assembly of First Nations Coastal First Nations First Nations Fisheries Council of BC Inuit Circumpolar Council Nuu-chah-nulth Tribal Council
<p>Indigenous Banquet 7 February 240 Attendees</p> 		<p>Indigenous Lounge and Networking Area</p>	

5.2.2 Indigenous Lounge & Networking Area

The Indigenous Lounge was a dedicated space where Indigenous-identifying delegates could rest, enjoy grounding activities, access cultural support, medicines, and refreshments away from the larger congress events and activities. A smudge was offered each morning for Indigenous delegates to ground themselves and set good intentions for the day.

An Indigenous Networking Space was also set up to provide Indigenous delegates with dedicated space to connect during the congress.

5.2.3 Indigenous Banquet

An Indigenous Banquet took place on February 7th, where Indigenous delegates were able to gather, network, and celebrate. A first for IMPAC, the Indigenous Banquet, which sold out well in advance of the Congress, demonstrated the importance of forging global relationships, and it was an opportunity to highlight the value of sharing culture in a safe space with like-minded people.

5.2.4 Indigenous Pavilion



Incorporating art from Squamish artist Ts'kanchtn (Calvin Charlie-Dawson) and Musqueam artist Kelly Cannell, the Indigenous Pavilion highlighted case studies with themes of Indigenous protected and conserved areas, Indigenous-led conservation, Habitat restoration, Nation-led monitoring, Traditional Knowledge, and Collaborative Governance. At the centre of the pavilion was a feature on the Musqueam, Squamish, and Tsleil-Waututh Nations, including video footage of their territories and marine stewardship activities.

Each day the Indigenous pavilion hosted knowledge keepers and storytellers to share about local cultures and practices. This included: Beau Wagner, an artist and woodworker, specializing in Coast Salish dugout canoes, masks, and bentwood boxes, who painted and carved a racing paddle at the pavilion throughout the week; and Tracy Sesemiya, from the Squamish

Nation, who displayed a number of traditional tools and shared her knowledge in the art of fish skin leather; tool making; deer hide tanning; basketry; natural dyes and mountain goat wool weaving.

6. Young Professionals at IMPAC5

As with Indigenous engagement, enabling the Voice of Young Professionals (18-35 years) to be heard in all aspects of the Congress was a foundational element of IMPAC5. Young people from all nations and backgrounds play important leadership, stewardship, and decision-making roles in marine protected areas and ocean conservation. Therefore, a goal of IMPAC5 was to elevate young professionals' voices in ocean conservation so they are heard for future generations.

Young professionals' perspectives shaped the thematic discussions at IMPAC5. Young professionals provided five of fifteen keynote speakers, delivered addresses in both the Opening and Closing ceremonies, and six young professionals held speaking roles at the Leadership Forum roundtables, alongside ministers and other leaders in ocean conservation. Over one third of Congress attendees were young professionals.



Image of various members of the IMPAC5 Young Professionals Committee during closing remarks by Makoosiwanakwad Melissa White, From Wauzhushk Onigum Nation (Canada)

6.1 The IMPAC5 Young Professionals Committee

Fifteen exceptional young leaders from around the world, aged 18 to 35, formed the Young Professionals Committee, which was convened to ensure that all aspects of IMPAC5 were considered through a youth lens. The Young Professional committee shaped the thematic discussions by participating in working groups to select Congress speakers and workshops. The Committee members also acted as advisors for all youth engagement components of the Congress and co-led the development of key components such as a youth pre-congress and the youth pavilion.

6.2 Young Professional Programming at the Congress

6.2.1 Pre-Conference Component: Coastal Connections

A series of three virtual sessions leading up to IMPAC5 introduced the 100-person delegation to their peers and provided tools for them to engage fully at IMPAC5. Topics of the sessions included learning about IMPAC5's history, themes and upcoming goals; diplomacy, international affairs, and strategies to foster meaningful conversations with respect and cultural sensitivity.

From January 31 to February 1, 2023, a delegation of 100 international and Canadian Indigenous young professionals from northern and remote communities gathered at Camp Elphinstone, in Gibsons, British Columbia to participate in team building and networking activities prior to IMPAC5.

6.2.2 Mentoring Program

An intergenerational knowledge exchange/mentoring program took place during IMPAC5. The young professional cohort and 50 ocean experts from over nine countries participated in the program, which included a networking breakfast and an evening event during the congress. The goal of this program was to advance personal and professional development of both young professionals and mentors through a meaningful two-way exchange of experience and ideas.

6.2.3 Ocean Expo Contribution: #YouthforNature Archipelago Pavilion

The Pavilion provided a central gathering space which served as the location for reflections, promotion of initiatives by young professionals, and intergenerational discussions in the heart of the Ocean Expo, which attracted many hundreds of attendees. Along with a welcome event to open the pavilion, there were eight youth-led events, ranging from an Indigenous storytelling workshop to lightning talks and closing with a relation activity.



<h3>Coastal Connections</h3> <p>1 Virtual Sessions 3 virtual sessions pre-IMPAC5 to introduce youth delegates and prepare for the Congress</p> <p>2 Pre-Congress at Camp Elphinstone 31 January - 1 February: 100 youths gathered for team-building and networking activities</p> <p>3 Mentoring Program An intergenerational knowledge exchange and mentoring program during IMPAC5</p> 	 <h3>Young Professionals Committee</h3> <ul style="list-style-type: none">• 15 young leaders aged 18-35• Ensured all aspects of IMPAC5 were considered through a youth lens• Advisors for all youth engagement components of the Congress	<h3>#NatureForAll Youth Archipelago Ocean Expo Pavilion</h3> <ul style="list-style-type: none">• Central gathering place for youth• Promotion of youth initiatives• Intergenerational discussions• 8 Youth-led events 
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7. Innovation and Transformational Change at IMPAC5

As one of the three cross-cutting streams of IMPAC5, Innovation and Transformational Change was inextricably interwoven within the Conference programming and within the high-level vision of all aspects of the Congress. The inclusion and emphasis on Indigenous and Young Professionals has, in and of itself, been deemed transformational by many participants. As well, a conscious decision was taken to welcome industry professionals to take part in the Leadership Forum, in recognition of the “all

in” (i.e.: all community groups together and across boundaries) approach required to achieve successful ocean conservation. Industry in this case was not limited to marine industry, but also to innovative technology firms, insurance, financial institutions, and more. Industry was present in various ways, from engaging in congress sessions and the Leadership Forum, to exhibiting in the Ocean Expo. Attendees were also challenged, through art installations, scientific posters and even musical performances, to broaden their view of the possible, to include new ideas and truly transformational change.

The theme was specifically addressed in a series of events called the Ocean Innovation and Technology Series, which highlighted the ways knowledge, learning, innovation, and technology play a crucial role in informing decisions on sustainability. The series highlighted the importance of new technology in reaching the new Global Biodiversity Framework goal of protecting 30 per cent of the ocean by 2030.

The series was hosted by three ocean technology experts: Justin Manley, Senior Advisor, OceanKind; Eric Siegel, Chief Innovation Officer, Ocean Frontier Institute; and Ronald Tardiff, Acting Lead, Ocean Innovation, World Economic Forum.

7.1 Ocean Innovation & Technology Series

Innovative solutions and technologies that can help in the identification, monitoring and management of MPAs were a focus of this element of IMPAC5. The series was exciting, practical and solutions-oriented, providing a platform for innovators, boosting investment, and encouraging business-to-business and business to MPA collaboration. It was a precedent-setting event connecting innovation to conservation at an IMPAC congress.

There were four main elements to the IMPAC5 Ocean Innovation and Technology series of IMPAC5: panel discussions, the MPA Pitch Challenge, “speed dating” connecting MPA Practitioners and Ocean Innovators, and an Ocean Tech hub in the Ocean Expo.

7.1.1 Panel Discussions with Technology Companies and MPA Managers

Panel 1 – Robotics to support MPA monitoring and management: This panel discussed how robots can aid in the monitoring, enforcement, and research of marine protected areas and looked into some real-world case studies.

Panel 2 – Domain Awareness for Ocean Conservation – Sensors, eDNA, Ai: This panel explored how information from sensors, cameras, eDNA can all contribute to more effective MPAs.

Panel 3 – Remote Sensing for MPA enforcement and compliance: This panel explored the role of remote sensing for MPA enforcement and compliance

Panel 4 – Measuring and Conserving MPAs with data and Ai: This panel explored how data and Ai could assist with measuring and conserving MPAs.

7.1.2 MPA Pitch Challenge

The MPA pitch challenge invited start-ups and social enterprises with sustainable revenue models designed to benefit from, increase the viability of, or enhance the creation and protection of Marine Protected Areas. Submissions were open to innovators anywhere in the world.

7.1.3 “Speed dating” – MPA Practitioners and Ocean Innovators

IMPAC5 delegates were encouraged to use the IMPAC5 App to arrange meetings with the ocean innovators speaking at the Ocean Innovation and Technology Series, and innovators were also encouraged to reach out to key MPA managers from around the world. The ocean tech hub (see below) provided a wonderful venue to meet!

7.1.4 Ocean Tech Hub in the Ocean Expo

Delegates were encouraged to meet the Ocean tech innovators at the Ocean Tech Hub to have one-on-one conversations to learn more about how new ocean technology can help their MPA. MPA managers were encouraged to share their challenges with the innovators and explore how they could potentially help.

8. Ocean Expo

8.1 Exhibit Hall

The IMPAC5 Expo exhibit hall was a space for featured countries, corporations, innovators and explorers to connect directly with Congress attendees and share their ocean conservation accomplishments, capabilities and ambitions. Forty-one booths and four large, “anchor” pavilions were open daily from noon to 7 pm for Congress participants to explore at their leisure (Appendix G). Anchor pavilions by Indigenous peoples, the Government of Canada, CPAWS and its partner environmental non-governmental organizations, and the IMPAC5 Young Professionals featured their own programming streams and shared a main stage with presenters and performers. The floorplan was organised with ocean technology on one side and business-to-business on the other. The Expo main stage played host to the Ocean Technology and Innovation Series, the Distinguished Speakers Series, and cultural performances. Networking sessions also took place in the Ocean Expo exhibit hall on 4-7 February from 17:00 to 19:00 with live music and a cash bar.



The Honourable Joyce Murray, Minister of Fisheries, Oceans and the Canadian Coast Guard, visits the Canada Pavilion where Jac Gautreau, Executive Producer National Film Board Ocean School is providing a demonstration of the *Ocean, Freshwater, and Us* Giant Floor Map.

Jointly developed by the Canadian Ocean Literacy Coalition, Ocean School, and Canadian Geographic Education, the map allows viewers to connect with the ocean as they explore Canadian coastlines and waterways and learn about efforts to protect them through immersive, multisensory self-directed inquiry.

8.2 Distinguished Speaker Series

The Distinguished Speaker Series highlighted conservation stories, successes, and calls-to-action that were of broad appeal and reflected speakers' personal experience in ocean conservation. The daily, 20-minute addresses took place as the highlight of the daily luncheons from February 4-8 in front of an audience of up to 2000 congress participants. Distinguished Speakers included:

Suudihl Cindy Boyko, Haida Nation Co-Chair of the Gwaii Haanas Archipelago Management Board (February 4)

In her presentation, *Stay on the Path*, Ms. Boyko shared powerful reflections on our responsibility to the land, waters and each other. She spoke of the deep responsibility she feels towards her homeland of Haida Gwaii, saying "I love Haida Gwaii, there is no choice for me [but to protect it.]" Using examples from her life and work, she interwove the concepts of integrity; accountability to ourselves, our communities, and the land; and the power of relationship-building. She also spoke of harnessing the beauty of our natural world – and the love it inspires – to help us move through the grief of environmental loss and bring us back to our responsibility to protect it; to keep us *on the path*.

[View her address here.](#)

<https://www.youtube.com/watch?v=3z11lofiGNA>

Maderngebuked Tommy Remengesau, Jr., Republic of Palau (February 5)

Four-time elected President of the Republic of Palau, Maderngebuked Tommy Remengesau, Jr. was responsible for establishing the Palau National Marine Sanctuary (PNMS). He shared the story of how Palau's large-scale MPA (the size of France) was created and reflected on how Palau is managing their precious ocean resources effectively. He spoke of the dual governance system – which combines traditional laws and modern democratic administration – that enabled the establishment and facilitates the ongoing management of the Palau National Marine Sanctuary. He also called on the global community to adopt 30x30 targets, affirmed the value of large-scale, fully protected MPAs, and

emphasized the importance of integrating traditional systems in governance and law. Mr. Remengesau highlighted the urgency of ocean conservation, saying “without the ocean, there is no life on this blue planet.”

[View his address here.](#)

Alan Friedlander, Chief Scientist for the National Geographic Society’s Pristine Seas program (February 6)

Mr. Friedlander’s address was entitled *opportunities for biodiversity and food security in the Pacific*. He spoke about the importance of not only protecting 30 per cent of the world’s oceans but protecting “the right 30 per cent” – ensuring that we focus protection on the areas that provide the most benefits of biodiversity, culture and ecosystem services. He gave an overview of the Pristine Seas program’s *framework for identifying priority areas for fully protected areas* and explained the benefits countries in the Pacific stand to gain from focusing their protection on these high-value ecosystems.

[View his address here.](#)

Dax Dasilva, founder, Age of Union non-profit environmental alliance, and founder of payments software company Lightspeed Commerce Inc. (February 7)

In his address, entitled *Age of Union: igniting changemakers*, Mr. Dasilva spoke about Age of Union’s work supporting local and global conservation projects. He shared his story of environmentalism, beginning with his journey to participate in the Clayoquot protests and culminating in the founding of Age of Union. Mr. Dasilva used clips from documentaries by Age of Union to illustrate the importance of educating the public, connecting them to nature, and sharing inspiring stories that demonstrate and inspire effective action for change.

[View his address here.](#)

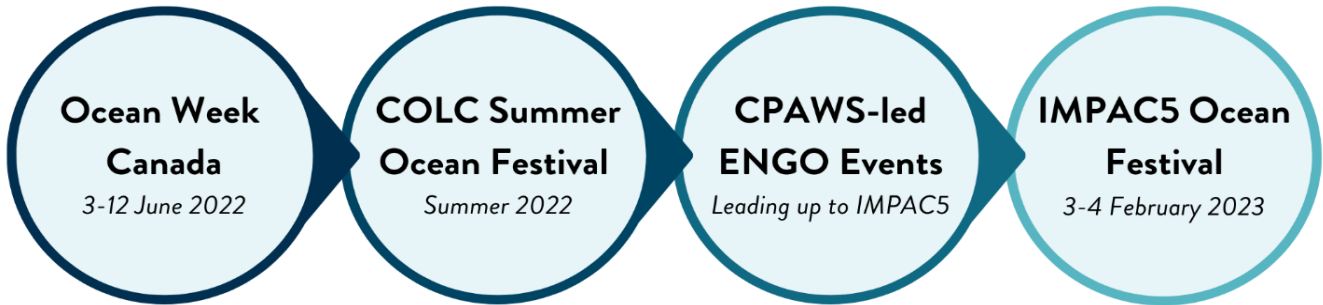
Heremoana Maamaatuaiahutapu, Minister of Environment and Culture, French Polynesia (February 8) Mr. Maamaatuaiahutapu delivered an address entitled: *Arutaimāreva a hinatau: a systemic and global vision for the seven generations to come*. He emphasized the interconnectedness of land, ocean and human life, stating that in French Polynesian culture, the ocean is not conceptualized as distinct from the land, and neither can be conceived of as “nature without humans” – it is all connected. Important marine conservation achievements in French Polynesia were highlighted, and he shared *Arutaimāreva a hinatau*, a long-term vision which aims to promote an alternative to the development model based on economic growth alone. This vision combines objectives such as: improving the level and quality of life, reclaiming traditional concepts and know-how, and fostering solidarity between generations and between peoples. In closing, Mr. Maamaatuaiahutapu affirmed the power of Polynesia’s innovative, solutions-based leadership in ocean protection. He called on the broader global community to follow their lead: “Listen to us, learn from us, we are the people of the Canoe.”

[View his address here.](#)

9. Ocean Festival

The IMPAC5 Ocean Festival was a multi-partner collaboration that kicked off on World Ocean Day in June 2022 and culminated with a two-day festival in Vancouver, February 3 & 4, the opening weekend of IMPAC5 Congress. The collective aim of the festival was to build awareness of the global ocean crisis and to rally support for marine conservation among Canadians.

Ocean Festival timeline:



9.1 Lead-up to IMPAC5: Ocean Week and Canadian Ocean Literacy Coalition Summer Ocean Festival, June 2022 – Feb 2023

Ocean Week Canada is an annual national celebration of ocean events, learning, and engagement led by the Canadian Ocean Literacy Coalition (COLC) in collaboration with a team of content and event partners across the country. Unique to 2022, Ocean Week Canada partnered with IMPAC5 to kick off a summer-long Ocean Festival intended to lay a foundation of ocean awareness as Canada geared up to host IMPAC5 in Vancouver and as the world enters the UN Ocean Decade.

Ocean Week Canada and Ocean Festival events leading up to IMPAC5 included more than 160 events and reached more than 397,380 people. Events ranged from a travelling interactive giant floor map with an augmented reality app, to the Sacred Journey Indigenous canoe exhibit, art shows, talks by ocean experts, shoreline cleanups, and film screenings. Find the COLC Ocean Week Canada and Ocean Festival Impact Report [here](#).

9.2 IMPAC5 Congress Ocean Festival, Vancouver, February 3 & 4, 2023

The IMPAC5 Congress Ocean Festival took place 3-4 February 2023 in Jack Poole Plaza, immediately adjacent to the Congress host facility, the Vancouver Convention Center. The Ocean Festival was the only event open to the public, raising ocean awareness and galvanizing support for local and global ocean protection. The Ocean Festival brought together thousands of participants, artists, schools, Indigenous communities, civil society and passionate ocean advocates of all ages and backgrounds in a special event that included live musical performances, interactive ocean-inspired activities, educational programming, collaborative art experiences, Indigenous collaboration, food trucks and much more.

The IMPAC5 Ocean Festival was an IMPAC5 event enhanced in scope, scale and quality by the following presenting sponsors: CPAWS, COLC, and Parks Canada, along with additional support from the Royal Canadian Navy and several other organizations. Appendix D provides a list of all exhibitors.



10,000+ Attendees over two days		260 Students from 6 different local schools		Jack Poole Plaza, Vancouver 3-4 February
6,000,000+ Earned Media Impressions	14 Onsite Ocean- focused activities		20 Performers from across Canada	

10. Ceremonies, Cultural and Other Programming

10.1 Opening and Closing Ceremonies

The IMPAC5 opening ceremonies officially kicked off the Congress on Friday 3 February 2023. Representatives of the Host First Nations — Elected Chief *yəχʷyaχʷələq* Wayne Sparrow (*xʷməθkʷəy̓əm*/Musqueam Indian Band); Councillors *Syexwáliya* Ann Whonnock, and *Sxwíxwtn* Wilson Williams (*Sḵw̓xwú7mesh*/Squamish Nation); and Councilor *Charlene Aleck*, (*səlilwətał*/Tsleil-Waututh Nation) — welcomed IMPAC5 attendees to their ancestral territories.

Speakers and special guests at the Ceremonies included: the Honourable Joyce Murray, Minister of Fisheries, Oceans and the Canadian Coast Guard; the Honourable Stephen Guilbeault, Minister of Environment and Climate Change Canada and Minister responsible for Parks Canada; Vice-Admiral Angus Topshee, Commander of the Royal Canadian Navy; Ron Hallman, President and Chief Executive Officer, Parks Canada; Singer Andrea Menard of the Métis Nation; Olivia Livingstone and *Makoosiwanakwad* Melissa White from the IMPAC5 Young Professionals Committee; Amandeep Singh, British Columbia Parliamentary Secretary for Environment; Vladimir Ryabinin, Intergovernmental Oceanographic Commission of the UN Educational Scientific and Cultural Organization; Sandra Schwartz from the Canadian Parks and Wilderness Society (CPAWS); Madhu Rao and Bruno Oberle of the International Union for Conservation of Nature World Commission on

Protected Areas; and a recorded message from her Excellency, the Right Honourable Mary Simon, Canada's first Indigenous Governor General.

During the closing ceremonies, Senegal was awarded the honor of hosting IMPAC6. An Indigenous carved paddle was handed from Canada to Senegal in presence of IUCN.



Inspired by a Heiltsuk legend of a magic paddle, which with one stroke can take the paddler anywhere in the world, the IMPAC5 Secretariat commissioned Salish artist and carver Mr. Gary Sheena to create a paddle that can take the IMPAC Congress anywhere in the world. Entitled “The Journey” this yellow cedar paddle features traditional representations of salmon – because of the incredible journey that is the life of a salmon – and is inlaid with pieces of abalone shell. Inscribed on the back of the paddle are the dates and host cities of the first five IMPAC congresses. It is hoped that many other cities will be added to the paddle in the years to come.

From left to right: Bruno Oberle (IUCN), Mamadou Sidibe (Senegal), Minister Murray and Minister Guilbeault (Canada)

Numerous other activities were also organized during the week, including field trips, art installations and side events.

10.2 Field Trips

IMPAC5 offered four field trips that showcased the local marine environment and local culture:

- A day trip by boat and bus through Átl'ka7sem/Howe Sound Biosphere Region with speakers from the British Columbia Parks Service, Fisheries and Oceans Canada and the multi-partner committee responsible for protecting and managing the biosphere reserve. Participants learned about the recently established Biosphere Region, management of provincial marine parks, and

about the famous glass sponge reef of Howe Sound. The trip also included a quick stop on Bowen Island.

- A full day with a local birding expert visiting several key sites in the Fraser River Estuary Key Biodiversity Area in Vancouver’s Lower Mainland. Locations included the George C. Reifel Migratory Bird Sanctuary, Boundary Bay, and Blackie Spit. Participants had an opportunity to view ocean-faring bird species such as loons, grebes, scoters, shorebirds, herons, cormorants and bald eagles.
- A half-day with a local birding expert visiting Terra Nova Regional Park in Richmond BC, where participants were excited to view a short-eared owl hunting over the marshes and had great views of the normally secretive marsh inhabitant, the sora, in addition to many other local species.
- A half-day interpretive paddle in a replica ocean-going canoe similar to those historically used by the Tsleil-Waututh Nation, as well as a walking tour in a temperate rainforest. Participants listened to ancient knowledge and wisdom of traditional methods used for identifying and harvesting indigenous flora and fauna, and guides from the Coast Salish Nation sang songs, shared legends and pointed out ancient village sites.

10.3 Art Installations

A total of eleven art exhibits were included throughout the VCC to showcase natural and cultural initiatives to promote the importance of healthy oceans. Additional information is available in Appendix E.

10.4 Official Side Events

Official Side Events at IMPAC5 (an amazing 61 in total) were popular and well attended. They were produced by the event’s host organization supported by MCI (IMPAC5’s Professional Conference Organizer) and mostly took place outside of the hours of the main conference program to limit competition with the main program. Hosts submitted applications to the IMPAC5 Secretariat which were subject to eligibility criteria and approval. Side Events were advertised to delegates on the Chime platform and through social media and promoted on the IMPAC5 website. Additional information is available in Appendix F.

10.5 Indigenous Marketplace

Artisans from local First Nation communities set up booths and sold art and artisanal crafts on the main level of the Vancouver Convention Center; an area that received a high level of foot traffic. The marketplace was a success in terms of sales, and vendors shared their knowledge and culture with delegates from around the world.

11. Leadership Forum

11.1 Leadership Forum Objectives

The Leadership Forum at IMPAC5 was a high-level policy forum that brought together leaders implicated in achieving the Kunming-Montreal Global Biodiversity Framework (GBF) targets related to marine conservation; namely protecting 30 per cent of the world’s ocean by 2030. At the 15th Conference of the Parties (COP15) to the Convention on Biological Diversity (CBD), held in Montreal from December 7-19, 2022, and chaired by China, nations of the world agreed on a historic package of measures deemed critical to addressing the dangerous loss of biodiversity and restoring natural ecosystems.

As the first major marine conservation conference after the adoption of the GBF, the strategic objective of IMPAC5 and the Leadership Forum was to start “charting the course” on how the GBF targets will be achieved. The IMPAC5 Leadership Forum sought to harness the knowledge from the IMPAC5 Conference and bring leaders together to forge consensus and collaborate on next steps. Closing gaps in a number of emerging policy areas, sharing best practices and lessons learned, and affirming international commitments were among the high-level aims of the forum.

11.2 Participation

The Leadership Forum focused on ensuring participation from government, Indigenous, international, non-governmental, industry and philanthropic organizations as well as young professionals. The by-invitation forum was attended by 250 leaders. The IMPAC5 Indigenous Working Group and Young Professional Committee were integral in the Forum’s planning and actively participated in the Forum’s sessions. Several workshops were held at international meetings in 2022 leading up to IMPAC5, to leverage ongoing dialogue and build momentum towards further progress of conservation objectives.

11.3 Event Summary and Discussion Topics

The Forum began with a plenary session. Representatives from each of the Host First Nations delivered opening remarks that called attention to Indigenous communities' reliance on the waters, animals and fish and the importance of including Indigenous Peoples in the process to meet the 30 by 2030 ocean protection target to revive the history of the lands and waters across the land.



The co-chairs of the day, the Honorable Steven Guilbeault Minister of Environment and Climate Change and Minister responsible for Parks Canada, and the Honorable Minister Murray, Minister of Fisheries and Oceans and the Canadian Coast Guard, emphasized the overwhelming consensus that the world must work more quickly and skillfully to meet the conservation targets. They recognized the need to build on the GBF to chart a course for success that considers diverse perspectives and requires a whole-of-planet, whole-of-society approach.

Following the opening plenary, participants joined one of the three moderated roundtables. Moderated roundtables were the chosen format as they ensured that a diverse set of participants were able to hear and build on each other's perspectives on the session topic. All-participant roundtable discussions focused on three thematic areas.

11.3.1 Indigenous-Led Conservation

Co-moderators: Dallas Smith, Coast funds and Hilu Tagoona, Oceans North

This session focused on creating space for Indigenous Peoples to uplift their leadership in marine conservation, illustrate how Indigenous leadership in managing marine protected areas and other effective area-based conservation measures supports global marine conservation targets, and examine what non-Indigenous governments and partners can do to support these efforts. In recognizing the diversity of Indigenous Peoples globally, this session aimed to ground conversations on the fundamental recognition of Indigenous laws and rights, acknowledging that Indigenous-led conservation is place-based, making their considerations unique and specific to local contexts.

11.3.2 Conservation Finance

Co-moderators: Kate Brown, Global Island Partnership and Torsten Thiele, Global Ocean Trust

The objective of this session was for leaders representing government, environmental NGOs, philanthropic foundations, and finance industries to discuss and share different possibilities and options to fund sustainable ocean protection. Key to the discussion were the topics of: 1) [innovative financial mechanisms](#) and, 2) how to scale them to finance marine protected areas and other effective area-based conservation measures establishment and management, including funding for Indigenous-led marine conservation, to meet the global 30 by 30 marine conservation targets.

11.3.3 Protecting Biodiversity Through MPA Management and Industry Contributions

Co-moderators: Judith Sayers, Nuu-chah-nulth Tribal Council and Kristian Teleki, World Resource Institute

The objective of this session was to explore the opportunities for a broad range of maritime industries to collaborate on the effective management and protection of the ocean through MPAs and OECMs. This session sought to discuss and identify innovative and impactful actions to ensure the health of MPAs, OECMs, and the broader ocean for future generations, in ways that respect Indigenous values, rights and title as part of charting the course to the global 30 by 30 marine conservation targets.

These topics were understood to be areas where the most fertile discussion could be held, as partnerships with Indigenous communities, environmental non-governmental organizations, philanthropic funders, and industry are often key to ocean protection. Following the three round tables, a ministerial working session on the ocean-climate nexus took place, followed by the final roundtable of the day on multilateral cooperation.

11.3.4 The Ocean-Climate Nexus and Multilateral Cooperation Roundtable

Co-moderators - Ocean-Climate Nexus: Jane Lubchenco, White House Office of Science and Technology Policy and Peter Thomson, UN Department of Economic and Social Affairs

Co-moderators – Multilateral Cooperation Roundtable: David Cooper, Convention on Biological Diversity, and Patricia Scotland, Commonwealth

The Ocean-Climate Nexus working session and Multilateral Cooperation round tables were opportunities for the Ministers and heads of delegations to discuss and urge commitments, privately and in plenary, on actions to take in the face of the climate and biodiversity crises.

The purpose of the Ocean-Climate Nexus working session was to explore the role of oceans in climate change adaptation and mitigation and the impacts climate change has on the oceans and coastal zones, to identify gaps that restrict the ocean from reaching its maximum potential in the fight against climate change, to discuss actions leaders can take to raise the profile of this role and its challenges, and, to protect the ocean and coastal zones, its biodiversity, and the ecosystem services it provides.

The closing plenary session consisted of a leadership roundtable focused on Multilateral Cooperation to Reach Global Marine Conservation Targets. Co-moderators from each morning roundtable session summarized the discussions with recommendations and key findings.

Event Summary and Discussion Topics

Opening Plenary

Welcome and remarks by representatives of the Host First Nations x^wməθk^wəy^əm (Musqueam), Sk̓w̓wú7mesh (Squamish), and səlilwətał (Tseil-waututh), the Minister of Environment and Climate Change Canada, and the Minister of Fisheries and Oceans Canada.

Moderated Roundtables

Ministerial working session

Indigenous-Led Conservation

Conservation Finance

Protecting Biodiversity Through MPA Management and Industry Contributions

Ocean-Climate Nexus

Closing Plenary

Leadership roundtable focused on Multilateral Cooperation to Reach Global Marine Conservation Targets.



In conclusion, Leadership Forum participants demonstrated significant support for the “all in” approach needed to achieve the 30 by 2030 conservation targets and identified a few possible avenues to continue meaningful dialogue to advance this objective. The two Canadian Ministers co-chairs of the Leadership Forum issued a statement at the conclusion of the day (see Appendix C).

12. Appendices

- A. Acknowledgements
- B. Links to Additional Resources
- C. Leadership Forum Chairs' Statement
- D. Ocean Festival Summary
- E. Art Installations
- F. Side events
- G. Ocean Expo Exhibitors



Appendix A: Acknowledgements

IMPAC5 would not have been possible without the knowledge, expertise and wisdom that was generously shared by many individuals during the development and execution of the Congress. Below are a few of the individuals who shaped IMPAC5.

THE INDIGENOUS WORKING GROUP	
The Assembly of First Nations	Charlie Sark Wanli Ou Jamie Lavigne
The Inuit Circumpolar Council	Stephanie Meakin Jeremy Ellsworth
Uu-a-thluk Nu-chah-nulth Tribal Council Fisheries Program	Eric Angel Danielle Burrows
Coastal First Nations Great Bear Initiative	Steve Diggon Iwan Ball
First Nations Fisheries Council of BC	Taylor Mason Courtney Halvorson Jordan Point
Musqueam Indian Band	Laura Sparrow Yaganeh Asadian Morgan Guerin Lawrence Guerin
Squamish Nation	Aaron Marchant Kathleen Edwards Elizabeth Ross
Tsleil-Waututh Nation	Carleen Thomas William Thomas Hannah Hyland Hillary Hyland
THE INDIGENOUS LEADERSHIP COMMITTEE	
Dr. Judith Sayers, President of the Nu-chah-nulth Tribal Council – British Columbia	Christine Smith-Martin, CEO Coastal First Nations, Great Bear Initiative – British Columbia
Richard Paton, Senior Director of Projects, The Qikiqtani Inuit Association – Nunavut	

THE YOUNG PROFESSIONALS COMMITTEE

Achare Elvis Ayamba, Founder and Executive Director of the Environment and Food Foundation – Cameroon	Melissa White, Member, Wauzhushk Onigum Nation; Junior Policy Analyst for the Assembly of First Nations National Office – resides on the Traditional unceded territory of the Algonquin Anishinaabeg
K'aayhldaa Xyaalaas (Rayne Boyko), Yahgu'laanas Raven Clan, Haida Nation – Haida Gwaii (BC, Canada)	Uraia Matatolu Makulau, Intern with the Disaster Law Program under the International Federation of Red Cross and Red Crescent Societies - Fiji
Caleigh Delle Palme, Marine Conservation Advisor at Parks Canada – Canada	Yandeh Sallah-Muhammed, Gambian Marine and Environmental Conservation Initiative - Gambia
Carilia Horning, Canadian Coast Guard search and rescue – Arctic Region, Canada	Olivia Precious Livingstone, Community Mobiliser on the Environmental Justice Foundation Communities for Fisheries Project – Liberia
Paden Lennie, Resource Management Officer at Parks Canada, Inuvialuit beneficiary – Inuvik (NWT, Canada)	Fabio Arturo López Alfaro, Interamerican Association for Environmental Defense (AIDA) – Mexico
Cécile Tang (希西), Project Officer for the United Nations Association in Canada & Direct Action Placement participant at Parks Canada – France, China & Canada	Tom Dallison, Senior Project Manager for Blue Pangolin Consulting – UK
Magena Warrior, works with First Nations on marine planning and Indigenous Protected and Conserved Areas in British Columbia – Métis (northern Alberta), lives on the traditional territory of the ɫəkwəŋən and WSÁNEĆ Peoples (BC, Canada)	Ruth Mthembu, (previously) Strategic Communications Manager at WILDOCEANS – South Africa
Sean Russell, Associate Director of Youth Engagement and Partnerships, EarthEcho International – United States	

OCEAN TECH SERIES ADVISORS

Justin Manley, OceanKind
Eric Siegel, Ocean Frontier Institute
Ron Tardiff, World Economic Forum

Program Development – Theme Working Groups

WORKING GROUP: BUILDING A GLOBAL MPA NETWORK	
Nadia Deckert Program Officer, United Nations Environment Programme World Conservation Monitoring Centre (UNEP-WCMC)	Dr. Lance Morgan President, Marine Conservation Institute (MCI)
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Dr. Janaka DeSilva (Chair) Senior Programme Coordinator, Global Marine & Polar Programme International Union for Conservation of Nature (IUCN)	Sean Russell (Youth Stream Champion) Associate Director of Youth Engagement and Partnerships EarthEcho International Inc. IMPAC5 Young Professional Committee
Phenia Marras – Aït Razouk Marine Advisor, Europe and International Directorate French Biodiversity Agency	

WORKING GROUP: CONSERVING BIODIVERSITY AND ADDRESSING THE CLIMATE CRISIS	
Alexandra Barron (Chair) National Director, Ocean Program Canadian Parks and Wilderness Society (CPAWS)	Dr. Jerome Petit, Senior Manager Pew Bartarelli Ocean Legacy Pew Charitable Trusts
Peter Cochrane Councillor, International Union for Conservation of Nature (IUCN)	Dr. Vicki Sahantien (Indigenous Stream Champion) Program Director, Marine Planning and Conservation Central Coast Indigenous Resource Alliance (CCIRA)
John Davis President, Open Communications for The Ocean (OCTO)	Lauren Wenzel Director, National Marine Protected Areas Center National Oceanic and Atmospheric Administration (NOAA)
Uraia Matatolu Makulau (Youth Stream Champion) Oceania Regional Office IUCN, IMPAC5 Young Professional Committee	

WORKING GROUP: MANAGING MPAs AND HUMAN ACTIVITY

Jeanne Brown Senior Manager, Area-based Conservation Global Marine Program Wildlife Conservation Society	Dr. Kirsten Grorud-Colvert (Co-chair) Associate Professor, Senior Research Department of Integrative Biology Oregon State University
Dr. Gonzalo Cid (Co-Chair) International Activities Coordinator National Marine Protected Areas Center & NOAA - Office of National Marine Sanctuaries	Niisii Guujaaw (Indigenous Stream Champion) Marine Planning Program Manager Council of the Haida Nation
Dr. Joachim Claudet Senior Scientist National Center for Scientific Research (CNRS) at CRIOBE	Dr. Barbara Horta e Costa Marine Biologist Researcher, Post-Doc Researcher Center of Marine Sciences (CCMAR) University of Algarve
Anne Dufresne Manager Marine Conservation Operational Policy Fisheries and Oceans Canada (DFO)	Olivia Livingstone (Youth Stream Champion) Community Mobilizer – Robertsport IMPAC5 Young Professional Committee
Dr. Susanna Fuller Vice-President, Operations & Projects Oceans North	Karen Topelko Senior Marine Resource Specialist BC Ministry of Forests, Lands, and Natural Resource Operations

WORKING GROUP: ADVANCING CONSERVATION IN THE BLUE ECONOMY

David Angus Senior Policy Analyst BC Ministry of Forest, Lands, and Natural Resource Operations (FLNRO)	Stephanie Meakin Senior Science Advisor Inuit Circumpolar Council (ICC)
Thomas Dallison (Youth Stream Champion) Senior Project Manager Blue Pangolin Consulting IMPAC5 Young Professional Committee	Esther Wolfs Managing Partner Wolfs Company
Dr. Larry Hildebrand Distinguished Scholar and Special Advisor WMU-Sasakawa Global Ocean Institute World Maritime University	Michael Wong (Chair) North America Regional Chair World Commission on Protected Areas IUCN
Rose Labreche Manager, International Oceans Policy Fisheries and Oceans Canada	

WORKING GROUP: CONNECTING OCEAN, CULTURE AND HUMAN WELL-BEING

<p>Achare Elvis Ayamba (Youth Stream Champion) Founder & Executive Director Environment and Food Foundation IMPAC5 Young Professional Committee</p>	<p>Shannon Murphy Seascape Manager Conservation International</p>
<p>Dr. Natalie Ban Associate Professor Environmental Studies University of Victoria</p>	<p>Marie-Aude Sévin Allouet Chargée de mission appui aux acteurs et mobilisation des territoires Service régional Appui aux Acteurs et Mobilisation des Territoires Biodiversity Agency, France</p>
<p>Dr. Nathan Bennett Chair, People and the Ocean Specialist Group IUCN</p>	<p>Julie Tompa Director, Natural Resource Management Parks Canada Agency</p>
<p>Caroline Butler (Indigenous Stream Champion) Heritage Research Manager Gitxaala Nation</p>	<p>Hans Wendt Program Coordinator, Marine IUCN – Oceania Region Fiji</p>

Appendix B: Links to Additional Resources

Various announcements were issued during IMPAC5, namely:

[Canada-celebrates-the-successful-conclusion-of-the-leadership-forum-at-impac5--the-fifth-international-marine-protected-areas-congress](#), with links to:

- Details on the 2023 Protection Standards for MPA and key areas Canada intends on pursuing for marine protection
- Progress to protect a large ecologically unique ocean area off the Pacific West Coast
- \$69.5M in funding to protect and restore ocean ecosystems in developing countries
- Investments in world-class ocean monitoring system to enhance Canada's ocean protection
- Establishing the first marine refuge within the Northern Shelf Bioregion
- Endorsement among MPA Network partners to protect British Columbia's North Coast
- Advancements towards creating 10 new national marine conservation areas with new policy direction
- Release of Canada's position on seabed mining

ADDITIONAL RESOURCES:

- [Congress coverage by the International Institute for Sustainable Development](#), including Summary Reports, Daily Reports, and videos.
- Catch the [opening](#) and [closing](#) ceremonies on YouTube including cultural sharing from the Host First Nations —xʷməθkʷəy̓əm (Musqueam), Skwxwú7mesh (Squamish), and səliłwətał (Tseil-Waututh) and speeches by the Governor General Mary Simon and [IMPAC5 Young Professional Committee](#) members.
- Watch the [Distinguished Speakers Series](#) to learn ocean stories from Gwaili Haanas, Palau, French Polynesia and more.
- Download the eight episodes of [Protecting Blue Nature podcast](#) series and listen to captivating IMPAC5 speakers such as Belinda Webb from Nunatsiavut Government, Alexander Mawyer from the University of Hawaii or Minna Epps from the International Union for Conservation of Nature discuss the [five themes and three streams](#) of the Congress.
- Watch this IMPAC5 [conference](#) video or relive the IMPAC5 Ocean Festival on the [Canadian Ocean Literacy Coalition \(COLC\) YouTube page](#).
- Read the last edition of the [IMPAC5 Newsletter](#) or read Congress takeaways according to the [Canadian Geographic](#) magazine.
- Find all the publicly available video recordings on the [IMPAC5 YouTube Channel](#) (including keynote speakers).
- Read the [COLC Ocean Week Canada and Ocean Festival Impact Report](#).
- Find information about the Indigenous Caucus and view the publicly available outcomes on [Alderhill Planning Firm's website](#).
- Read the Fifth International Marine Protected Areas Congress (IMPAC5) [Chairs' Statement](#).

Appendix C: Leadership Forum Chair's Statement

Fifth International Marine Protected Areas Congress (IMPAC5) Chairs' Statement

As co-chairs of the Leadership Forum (February 9, 2023) of the Fifth International Marine Protected Area Congress (IMPAC5, February 3 to 8, 2023), and on behalf of many attendees, we, the Ministers for Fisheries and Oceans Canada and for Environment and Climate Change Canada and Minister responsible for Parks Canada:

- emphasize that healthy oceans are essential for sustaining nature and human life, supporting the continued availability of marine resources to benefit future generations and achieving our collective commitments to combat climate change and ensure biodiversity conservation;
- support the Kunming-Montreal Global Biodiversity Framework (COP15, United Nations Convention on Biological Diversity), the Ocean Conservation Pledge (COP27, United Nations Framework Convention on Climate Change) and the "Our Ocean, Our Future, Our Responsibility" Call for Action (2022 United Nations Ocean Conference);
- commend global progress made to establish, expand and more effectively manage Marine Protected Areas (MPAs) and other effective area-based conservation measures¹ (OECMs) and the 16 nations which adopted the Ocean Conservation Pledge at COP27, United Nations Framework Convention on Climate Change;
- declare our continued commitment to protect and restore the world's ocean and sustainably use marine resources;
- affirm effectively-managed MPAs and OECMs² represent essential investments to preserve, restore and support resilient natural capital (marine and coastal species, habitats, ecosystems and biodiversity); mitigate climate change (blue carbon); sustain livelihoods of Indigenous peoples and local communities; and safeguard areas of cultural and historical heritage;
- recognise a global system of effectively managed MPAs and OECMs is required to deliver these benefits and support the development and deployment of sustainable financing mechanisms and resource mobilization to accomplish this;
- affirm that Indigenous-led conservation is critical for successful conservation of the marine environment and is best supported through implementing the United Nations Declaration on the Rights of Indigenous Peoples (UNDRIP);
- support enhanced and strengthen dialogue with maritime industries, and welcome their expanded participation at future International

-
- Marine Protected Area Congresses and actions to protect biodiversity and sustainably manage marine resources;
 - emphasize the interconnections of the UN Sustainable Development Goals and recognise effectively managed MPA and OECM networks are key to protecting 30% of our ocean by 2030 and achieving the full recovery of nature by 2050; and
 - thank the Host First Nations, the Musqueam, Squamish and Tsleil-Waututh for hosting and welcoming us, as well as the International Union for Conservation of Nature, the Canadian Parks and Wilderness Society and the Province of British Columbia for their partnership in hosting IMPAC5.

As concrete steps to protect the ocean, its biodiversity and its ecosystem services, we recommend the following as a Call to Action emerging from these discussions:

In the immediate sense, we call for

the timely conclusion of negotiations, scheduled from February 20th-March 3rd 2023, to establish a legally binding treaty under the United Nations Convention for the Law of the Sea to allow for protection, conservation and sustainable use of biodiversity in areas beyond national jurisdiction – otherwise known as the high seas, which cover 64% of the ocean.

In the lead up to 2030, we call for

- Nations to accelerate progress to fully implement the actions and targets under UN Sustainable Development Goal 14 (conserve and sustainably use the oceans, seas, and marine resources for sustainable development), strengthen MPA and OECM protection standards, and increase efforts in order to achieve Target 3 (conserve 30% of marine and coastal areas by 2030) of the Kunming-Montreal Global Biodiversity Framework;
- the formation of transboundary MPAs and OECMs to enhance ecosystem conservation, connectivity and species migration (i.e., Marine or Blue Corridors) and cultural and social links;
- the establishment of MPA and OECM networks that are: well-connected; equitably-managed; ecologically representative³; integrated into the wider landscape, seascape and ocean (e.g. through Marine Spatial Planning); and integrated into national plans for environmental protection, sustainable development (e.g., Blue Economy; Green Economy), and climate change mitigation and adaptation;
- sustainable long-term MPA and OECM financial support, particularly for developing nations, from governments, private financial institutions, maritime industry, philanthropic organizations and NGOs; and the exploration of innovative financial tools to do so;
- bilateral and multilateral support to developing nations for capacity-building, access to and transfer of technology and development of innovation and technical and scientific cooperation (Target 20 of the Kunming-Montreal Global Biodiversity Framework) to establish, and

-
- effectively and equitably manage MPAs and OECMs, protect the marine environment, and sustainably manage marine resources; and
 - a precautionary approach to ensure that the development of marine resources are consistent with strong environmental, social, and governance principles which support our efforts to combat climate change, biodiversity loss, and pollution.

These actions should be underpinned by

- increased international cooperation to protect the marine environment, including through greater collaboration between international and intergovernmental organizations;
- partnership with Indigenous Peoples to enable Indigenous-led conservation⁴ and the establishment and management of MPAs and OECMs in a manner consistent with principles of the UNDRIP, in particular Article 29(1);
- two-eyed seeing, and the consideration of both traditional knowledge and scientific research⁵ to further understand the ocean and coastal zones, including the carbon absorption potential of blue carbon ecosystems (e.g. marshlands, estuaries).
- nations, civil and international organisations, and industry to prioritize the protection and restoration of areas with high blue carbon absorption potential;
- inclusive processes for ocean protection to engage people across society: Indigenous Peoples, youth, women, local communities, civil society, governments, academia and industry;
- ocean literacy programs to increase public and industry understanding of the importance of oceans and of the actions needed to protect them; and
- increased collaboration, resources, and strategies to reduce illegal, unreported, and unregulated fishing.

Footnotes




- 1 defined by the Convention on Biological Diversity in [Decision 14/8](#)
 - 2 these two types of protected regions are the only marine elements which count toward official global protection targets
 - 3 including open ocean and Ecologically or Biologically Significant Areas (EBSAs)
 - 4 e.g., Indigenous Protected and Conserved Areas
 - 5 including participation in the UN Decade of Ocean Science for Sustainable Development
-

The statement can be found here: <https://www.dfo-mpo.gc.ca/oceans/conservation/plan/impac5-statement-declaration-eng.html>

Ocean Festival: PROGRAMMING

ONSITE ACTIVITIES

Across two days, the festival hosted a variety of ocean-inspired activities to educate and entertain people of all ages. Key highlights included the following:

<p>Siw̱xwú7mesh (Squamish Nation): The Siw̱xwú7mesh Nation, one of Vancouver’s three host nations, had a presence onsite at Ocean Festival showcasing to the general public and attendees the history of their peoples on the land and their unique connection to the oceans.</p>	
<p>Sacred Journey Traveling Exhibit: In this mini pop-up exhibit teaser (full exhibit at Science World), discover how the Tribal Canoe Journeys have catalyzed the revitalization of Indigenous culture, community healing, and youth empowerment on the Pacific Northwest Coast. Immerse yourself into this amazing journey – told through metaphoric art, immersive audio, projections, and interactive displays featuring Indigenous Water Guardians videos. Presented by Heiltsuk Tribal Council, the Indigenous Leadership Initiative, Canadian Ocean Literacy Coalition and produced by SeeQuest Development Co. and Greencoast Media Inc.</p>	
<p>Interactive Ocean Floor Map: This giant floor map (8m x 11m) is made for walking on, allowing you to understand the ocean and waterways by physically experiencing them! Augmented Reality, 360° video, and other interactive activities will help bring this giant map to life. Presented by the Canadian Ocean Literacy Coalition, Ocean School, and the Royal Canadian Geographical Society.</p>	
<p>Giant Pacific Octopus art installation: an interactive and collaborative art project for all ages! Come take part in an onsite art installation of the Giant Pacific Octopus. We are asking YOU to express your hopes and dreams for the ocean by participating in the build and design of this amazing art installation. Presented by the Canadian Ocean Literacy Coalition.</p>	

Kids Art Zone: Enjoy children's face painting from 12pm – 6pm and ocean themed coloring pages inspired by Vancouver Mural Festival artists on February 4.



Photo moments: Come and take your photo with the Parks Canada Giant Inflatable Beaver featured at the Vancouver Olympic Opening Ceremonies and Baleen, the humpback whale. Presented by Parks Canada and the Canadian Parks and Wilderness Society.



Vancouver Fraser Port Authority: The Port of Vancouver tent invites visitors to learn about Canada's largest port. Test your skills with the Match the Commodity game or learn about the port's environmental programs with our Environment Wall game. The port booth also features fun giveaways for all ages



Vancouver Maritime Museum: At the VMM Booth, the public can learn about our upcoming events and newest exhibitions: A Wild & Wet Coast: Rum-Running During Prohibition, The Children's Gallery, and Souls Ignited: Empowering the Voices of Our Ancestors. We will also have an ocean-themed sandbox and children's dress-up station with kelp and starfish costumes!



Water Rangers: When it comes to protecting water, we need all hands on deck. Come visit the Water Rangers tent to learn how you can help collect much-needed water quality data! With easy-to-use scientific equipment and fun experiments for all ages, you'll learn how to help scientists gather critical information about water health.



Dive In with Sea Smart and Nature Canada: Do you like to eat seafood? Did you ever wonder where it came from, how it was caught and how those fish are doing? Get your feet wet and join Sea Smart and Nature Canada for a fun interactive experience to learn about sustainable seafood and fisheries bycatch! Learn about what you can do to protect our oceans with fun hands-on activities and become an ocean hero!



Food Trucks featuring Green Coast Coffee, Cravings Kettle Corn, Little oTies Mini Doughnuts, Shameless Buns, Urban Wood Fire Pizza, Taco 'N Todo, B&B Burgers, and Teriyaki Express.



Metro Vancouver: Join Metro Vancouver to learn what you can do to help protect our local waters, for example, washing clothes in cold water to reduce microfibre shedding. Our Ocean Thanks You! Learn more about how Metro Vancouver manages wastewater from homes and businesses to support healthy waters for current and future generations. Have your say in a new plan that will set out actions for the region to protect our rivers, lakes, and ocean.

Ocean Festival: ENTERTAINMENT

Over two days and nights, Ocean Festival featured a variety of musical and artistic performers providing representation from across Canada. On Saturday, February 4, we included a main stage welcome from our host First Nations including **Siw̓xwú7mesh (Squamish)**, **x̣m̓əθk̓wəy̓ əm (Musqueam)** and **Selilwitulh (Tseil-Waututh)** to acknowledge the hosting of the event on the unceded traditional territory of the Coast Salish Peoples.



Additional Artists included: Alan Doyle, The Beaches, Steven Page, Shad, Delhi to Dublin, Ruby Waters, The Boom Booms, Ta’Kaiya Blaney, Yves Lambert, Old Soul Rebel, Danny Michel, Andrea Menard, Siqiniup Qilauta (SUNSDRUM), The Wilds, Chinook SongCatchers, Roy Henery Vickers and the Naden Band of the Royal Canadian Navy.



Ocean Festival: SCHOOL PROGRAM

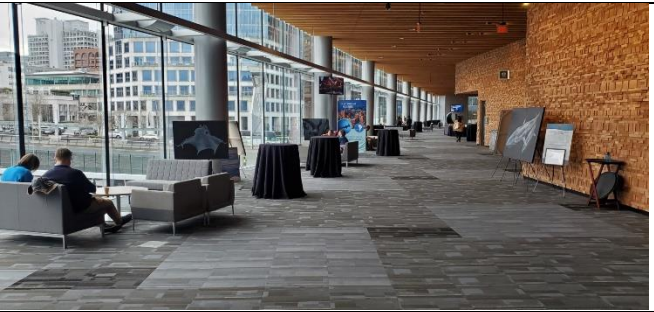

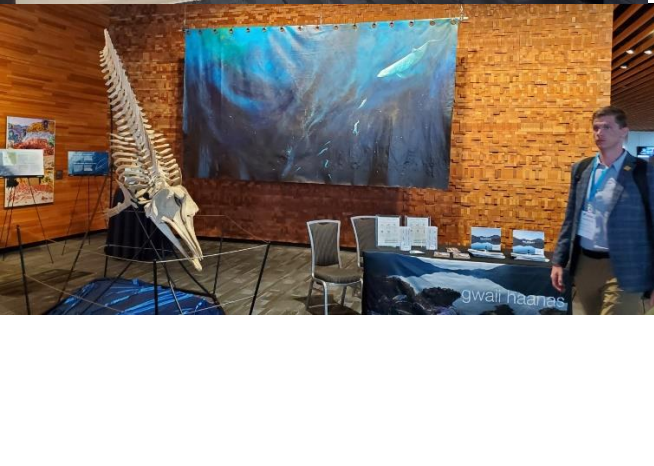
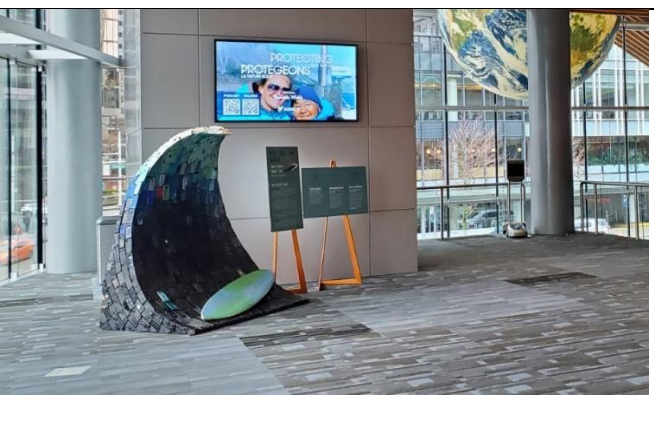
On Friday, February 3, we hosted over 260 students and teachers from across 6 different schools for a 3-hour learning experience including a 40-min concert hosted by the [Jellyfish Project](#). Each class could sign up for a morning or afternoon time slot and was built into a rotation schedule where they were able to experience 5 different hands-on activities hosted by Canada's leading ocean educators.


Programming: hands-on activities

- 1 OCEAN, FRESHWATER & US GIANT FLOOR MAP**
Explore the 8m x 11m giant floor map with augmented reality that highlights watersheds, water flow, and Marine Protected Areas across Canada.
 - 2 SACRED JOURNEYS MINI BIG HOUSE EXHIBIT**
Discover how the tribal canoe journeys have revitalized Indigenous culture, community healing, and youth empowerment. Learn about Indigenous Water Guardians.
 - 3 OCEAN WISE'S SEA DOME**
Step into an inflatable 6m dome that projects 360-degree 4K cinematic footage showing connections between ocean health, climate change, and daily life.
 - 4 GIANT PACIFIC OCTOPUS SCULPTURE**
Work with artist Karen Tamminga-Paton to bring to life a Giant Pacific Octopus sculpture with wishes for the ocean.
 - 5 BUILD-A-WHALE**
Assist in the construction of the skeleton of an offshore killer whale while learning about the biology, ecology, and conservation of killer whales and other marine mammals.
- PLUS A 40-MINUTE CONCERT (OVER A PICNIC LUNCH) WITH THE JELLYFISH PROJECT!**



Appendix E: Art Installations

<p><u><i>The Hidden Natural Wonders of the World</i></u> A campaign advocating for the establishment of High Seas Marine Protected Areas under the new United Nations BBNJ Treaty.</p> <p>Mathias Horne (Squamish-based artist), Oceans North, High Seas Alliance</p>	
<p><u><i>The Southern Resident Killer Whales</i></u> Large clay tile art installation featuring the Southern Resident Orca population.</p> <p>Clare Wilkening</p>	
<p><u><i>View a Beaked Whale Skeleton: exhibit from Gwaii Haanas National Park Reserve, National Marine Conservation Area Reserve, & Haida Heritage Site.</i></u> Beaked whales spend their lives in deep, remote parts of the ocean. They are rarely seen by humans and much of their lives remain a mystery to us. An opportunity to learn more about these animals arose in 2015, when a deceased Cuvier's beaked whale washed ashore in Gwaii Haanas. Stop by to view the skeleton, articulated in a deep dive pose and chat with Gwaii Haanas staff about this unique marine area and those who call it home.</p> <p>GiiGaawaay tang. Gwan gaaxiid</p>	
<p><u><i>The Plastic Wave</i></u> The plastic Wave by Pela was made in partnership with Save the Waves and artist ambassador Ethan Estess out of 1,000 phone cases sent to Pela by new customers making the switch from plastic to plant-based.</p> <p>Pela, Save the Waves, Ethan Estess</p>	

<p><u>Activist Janina Rossiter</u> Multi-award-winning children’s book author and artist, Janina Rossiter brings her passions together in her work. Inspiring the next generation of conservationists, her books are captivating tales of the Ocean that explore marine creatures and the problems they face. As an artist, she feels happiest when recreating scenes of the ocean in her paintings.</p> <p>Janina Rossiter</p>	
<p><u>In Our Own Words</u> In our own Words features seven speakers from six of the 34 different language groups in B.C. The motion and still images supporting the speakers were sourced from submissions from Indigenous media producers, videographers, cinematographers and photographers. The resulting eight-minute video installation celebrates just some of the diversity of Family, Land, Art, Signing/Dancing, Oral Tradition, Elders.</p> <p>The First People’s Cultural Council (FPCC) facilitated the original 2006 production, which Parks Canada revived in 2019, with their collaboration, to honour the International Year of Indigenous Languages. Although time has passed, the piece remains equally relevant, as Indigenous communities and language champions continue to dedicate themselves to their multi-generational revitalization.</p> <p>*no image available*</p>	
<p><u>3d printed plastic beads sea creatures</u> : “I am inspired by the intertidal zone of my shoreline. There I find gifts exposed by the receding water, the tiny creatures, who inhabit this shared littoral landscape, offer up their remains. The detritus abandoned by humanity mingles with the organics. My studio practice is a cross contamination of ideas, material, and structural exploration that are tied to the sea.”</p> <p>Alanna Baird</p> <p>*no image available*</p>	
<p><u>Inland: An Unnatural History</u> This display of collected "specimens" has encouraged active looking and spatial awareness through exploration of participants' local waterways.</p> <p>Robi Smith</p> <p>*no image available*</p>	

Appendix F: Side events

Event Title	Host Organization
A conversation with "Her Deepness" Dr. Sylvia Earle	Canadian Parks and Wilderness Society (CPAWS) in partnership with the Guardian
A Deeper Dive into Canada's MPAs with CPAWS and the ocean conservation community	Canadian Parks and Wilderness Society
Achieving High Ambition for MPAs and Finance: 30 x 30 Implementation through the Global Environment Facility and High Ambition Coalition for Nature and People 2.0	Global Environment Facility (GEF) and High Ambition Coalition for Nature and People (HAC) 2.0
Addressing critical issues in the construction of a trans-boundary effective network of MPAs in austral South America/ Civil society contribution.	Forum for the Conservation of the Patagonian Sea and Areas of Influence
Advancing an Ocean Noise Framework for Inuit Nunangat	Oceans North Conservation Society
An Ocean of Hope	Mission Blue
Assessing climate change impacts on values of significance to First Nations	James Cook University in conjunction with the Great Barrier Reef Foundation
Blue Nature Alliance IMPAC5 Reception	Blue Nature Alliance
Boosting MPAs co-management in Chile, the case of Juan Fernández Archipelago and Desventuradas islands.	OCEANA NGO
Celebrating 50 Years of the U.S. National Marine Sanctuary System	NOAA Office of National Marine Sanctuaries
Celebrating Blue Parks: A network of effective MPAs to safeguard biodiversity	Marine Conservation Institute
Challenges and opportunities in legal frameworks for indigenous-led nature protection: formal mechanisms and legal maneuvers.	WWF- Chile
Chile's marine conservation in action: progress and challenges of the National MPA system.	Ministry of the Environment Chile
COP15 and 30x30: What's Next on Quality and Metrics	IUCN and the Pew Charitable Trust
Debel Belau 'Oceans of Palau'	Ebiil Society, Palau Protected Areas Network, Friends of the Palau Marine Sanctuary, CRIS alliance, PICRC
Ecmpo Wafo Wapi...The Protection Path For Wafo Island, Its People And Its Biodiversity...	Wafo Wapi Association & WWF
Empowering stakeholders and forging transboundary cooperation for promoting effective marine ecosystem conservation and sustainable livelihood in small island developing states – challenges and future perspectives	Ocean Policy Research Institute of the Sasakawa Peace Foundation
Enhancing quality with connection: Launching a new dynamic tool to identify MPA protection hotspots	The Pew Charitable Trusts and Pew Bertarelli Ocean Legacy
Establishing MPAs in the High Seas post the adoption of a BBNJ Implementing agreement	IUCN
Festival of Ocean Films	Georgia Strait Alliance

Gathering together for effective conservation: The MPA Guide social	Oregon State University, United Nations Environment Programme's World Conservation Monitoring Centre, Marine Conservation Institute's MPAtlas, IUCN - Marine, National Geographic Pristine Seas
Getting started with Global Fishing Watch Marine Manager - A free, innovative technology portal supporting MPA design, management and scientific research	Global Fishing Watch
Great Bear Sea MPA Network Reception	Coastal First Nations
Harnessing blue carbon to expand marine protection in Canada	SeaBlue Canada; WWF-Canada; Blue Carbon Canada
Indigenous and local communities' marine conservation initiatives in the 30x30 decade.	WWF- Chile
Indigenous Banquet	Alderhill
Indigenous Caucus	Alderhill
Indigenous Partners Informal Gathering to Exchange Experience and Ideas	Parks Canada
Indigenous-led conservation approaches for ocean protection in the U.S.: pathways for delivering just and equitable outcomes	National Ocean Protection Coalition & Center for American Progress
Informing MPA Management and Conservation with ProtectedSeas Navigator: Global Launch	ProtectedSeas
MAKING IT COUNT	Global Ocean Biodiversity Initiative
Marine OECMs - what have we learned so far	World Commission on Protected Areas, IUCN
Moving the needle! Connecting coastal people to large-scale funding to catalyze global ocean protection and planning	Nature United and The Nature Conservancy (co-branded event - same organization, Nature United is the Canadian affiliate of TNC)
National Geographic Pristine Seas Canada Expedition in Support of Indigenous and Community Led Conservation	National Geographic Society
National Geographic Society and The Nature Conservancy / Elevating Youth Voices in Conservation	National Geographic Society and The Nature Conservancy
National Geographic Society Grants and Opportunities	National Geographic Society
Ocean Governance from the bottom to the top: how collaboration at MPA managers level creates international agreements	EU Ocean Governance Project, CMAR
Omushkego Forever: Conserving Canada's Great Inland Sea	Wildlands League & Mushkegowuk Council
Pathways to Protect Critical High Seas Areas	Conservation International, The Coral Reef of the High Seas Coalition
Scaling private finance for MPAs	The Conservation Finance Alliance
Scuba diving for conservation	Centro para la Biodiversidad Marina y la Conservación
SeaSketch v2: A Free and Open Source tool for Marine Planning	National Center for Ecological Analysis and Synthesis, UCSB
Small Island, Big Vision: Protecting over 4.3 million square kilometres across the UK Overseas Territories	Blue Belt Programme
Stream 1: Ocean Literacy Research Ocean Literacy and Climate Change	Canadian Ocean Literacy Coalition; IOC-UNESCO

Stream 1: Ocean Literacy Research Ocean Literacy and Justice, Equity, Diversity & Inclusion	Canadian Ocean Literacy Coalition; IOC-UNESCO
Stream 1: Ocean Literacy Research Ocean Literacy and the Blue Economy	Canadian Ocean Literacy Coalition; IOC-UNESCO
Stream 1: Ocean Literacy Research Ocean Literacy as a Policy Tool	Canadian Ocean Literacy Coalition; IOC-UNESCO
Stream 1: Ocean Literacy Research Ocean Literacy Research Community Working Meeting	Canadian Ocean Literacy Coalition; IOC-UNESCO
Stream 1: Ocean Literacy Research Ocean Literacy: Reaching mass audiences through Technology & Media Communications	Canadian Ocean Literacy Coalition; IOC-UNESCO
Stream 1: Ocean Literacy Research Ocean Perceptions Public Opinion Surveys & Measuring Ocean Literacy: Case Studies in UK, Canada and Brazil	Canadian Ocean Literacy Coalition; IOC-UNESCO
Stream 2: Ocean Education Ocean Conservation 4 Schools: Live from IMPAC5	Canadian Ocean Literacy Coalition; IOC-UNESCO
Stream 2: Ocean Education Ocean Conservation 4 Schools: Live from IMPAC5	Canadian Ocean Literacy Coalition; IOC-UNESCO
Stream 2: Ocean Education Ocean Conservation 4 Schools: Live from IMPAC5	Canadian Ocean Literacy Coalition; IOC-UNESCO
Stream 2: Ocean Education Ocean Conservation 4 Schools: Live from IMPAC5	Canadian Ocean Literacy Coalition; IOC-UNESCO
The Eastern Tropical Pacific Marine Corridor (CMAR)	National Oceanic and Atmospheric Administration (NOAA) in collaboration with government representatives from the Ministries of Environment of the CMAR countries of Colombia, Costa Rica, Ecuador, and Panama
The Hermandad Marine Reserve in Ecuador: step-by-step and regional context	Universidad San Francisco de Quito, USFQ
The Ocean Defenders Project	The People and the Oceans Specialist Group, Commission on Environmental, Economic and Social Policy, International Union for Conservation of Nature
The Story Collider presents ocean stories inspired by #NatureForAll	The Story Collider and #NatureForAll
Towards a Universal Declaration of Ocean Rights	The Ocean Race and Earth Law Center
What positive biodiversity outcomes can we expect from Fisheries OECMs? Participatory refinement of FAO's draft framework	FAO
WildAid: Celebrating 20 Years of Excellence in Marine Protection around the Globe	WildAid

Appendix G: Ocean Expo Exhibitors

Bold indicates a Pavilion (larger in size and programming scope than a booth)

Amundsen Science	Ocean Technology Meeting Space
Anthropocene Institute - ProtectedSeas	Ocean Wise Sea Dome Experience
Australian Pavilion	Parks Canada
Blue Belt Programme	Parque Nacional Galapagos
Blue Nature Alliance	QENTOL, YEN / WSANEC Marine Guardians
Canada Pavilion	Spillhaus Map Experience
Canadian Geographic	Squamish Nation / Sk̓wx̓wú7mesh Úxwumixw
Canadian Ocean Literacy Coalition	Students on Ice Foundation (SOIF)
Critical Distance Experience	The Allen Institute for Artificial Intelligence
ENGO Caucus Pavilion	The Government of British Columbia
European Union Ocean Governance (MedPan)	The Pew Charitable Trust
Fisheries and Oceans Canada (DFO)	Transport Canada
French Biodiversity Agency (OFB)	Un Solo Mar - Brazilian Humpback Whale Institute
Global Ocean Biodiversity Initiative / CBD Secretariat	Vancouver Fraser Port Authority
Hallprint North America	Whale Seeker
Indigenous Pavilion	WILDAid
International Union for Conservation of Nature (IUCN)	WILDAid - JOCOTOCO
JASCO Applied Sciences	WILDCOAST
MDA	#NatureForAll Youth Archipelago
National Geographic Society	
National Oceanic and Atmospheric Administration (NOAA)	
U.S. Department of Commerce	
Nature Metrics	
NIVA Inc	
Ocean Diagnostics	
Ocean Networks Canada	
Ocean Sonics Ltd.	