

## SAO Marine Mechanism Fall 2020 Webinar Series

29 September-29 October 2020

SMM meeting documents and projects

## List of documents for information

Arctic Marine Strategic Plan (AMSP) 2015-2025	Sustainable Arctic Shipping	Regional Coordination of Marine Issues and Global Commitments	Ecosystem-Based Management
<ul style="list-style-type: none"> <li>• <b>AMSP 2015-2025:</b> <a href="https://www.pame.is/index.php/document-library/amsp-documents/174-amsp-2015-2025/file">https://www.pame.is/index.php/document-library/amsp-documents/174-amsp-2015-2025/file</a></li> <li>• <b>AMSP 2015-2025: Implementation plan:</b> <a href="https://www.pame.is/index.php/document-library/amsp-documents/176-amsp-2015-2025-implementation-plan/file">https://www.pame.is/index.php/document-library/amsp-documents/176-amsp-2015-2025-implementation-plan/file</a></li> <li>• <b>AMSP 2015-2025 Status of Implementation (2015-2017):</b> <a href="https://www.pame.is/index.php/document-library/amsp-documents/170-amsp-2015-2025-status-on-implementation-2017-2019/file">https://www.pame.is/index.php/document-library/amsp-documents/170-amsp-2015-2025-status-on-implementation-2017-2019/file</a></li> <li>• <b>Actions for Arctic Biodiversity, 2013-2021: Implementing the recommendations of the Arctic Biodiversity Assessment:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Polar Code at a glance, ship safety:</b> <a href="http://www.imo.org/en/MediaCentre/HotTopics/polar/20Code%20Ship%20Safety%20Infographic_s_maller_.pdf">http://www.imo.org/en/MediaCentre/HotTopics/polar/20Code%20Ship%20Safety%20Infographic_s_maller_.pdf</a></li> <li>• <b>Polar Code at a glance, environmental protection:</b> <a href="http://www.imo.org/en/MediaCentre/HotTopics/polar/20the%20Polar%20Code%20protects%20the%20environment%20%28English%20infographic%29.pdf">http://www.imo.org/en/MediaCentre/HotTopics/polar/20the%20Polar%20Code%20protects%20the%20environment%20%28English%20infographic%29.pdf</a></li> <li>• <b>Arctic Marine Shipping Assessment (2009):</b> <a href="https://pame.is/images/03_Projects/AMSA/AMSA_2009_report/AMSA_2009_Report_2nd_print.pdf">https://pame.is/images/03_Projects/AMSA/AMSA_2009_Report_2nd_print.pdf</a></li> <li>• <b>Arctic Ship Traffic Data (ASTD) System:</b> <a href="https://www.pame.is/index.php/pro">https://www.pame.is/index.php/pro</a></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Co-Chairs' Report on the work of the Task Force on Arctic Marine Cooperation II in 2017-2019:</b> <a href="https://oaarchive.arctic-council.org/handle/11374/2344">https://oaarchive.arctic-council.org/handle/11374/2344</a></li> <li>• <b>Arctic Ocean Acidification Assessment: 2018 Summary for Policymakers:</b> <a href="https://www.amap.no/documents/doc/arctic-ocean-acidification-assessment-2018-summary-for-policy-makers/1762">https://www.amap.no/documents/doc/arctic-ocean-acidification-assessment-2018-summary-for-policy-makers/1762</a></li> <li>• <b>AMAP Assessment 2018: Biological Effects of Contaminants on Arctic Wildlife and Fish: Summary for Policy-makers:</b> <a href="https://www.amap.no/documents/doc/biological-effects-of-contaminants-on-arctic-wildlife-and-fish.-summary-for-">https://www.amap.no/documents/doc/biological-effects-of-contaminants-on-arctic-wildlife-and-fish.-summary-for-</a></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Ecosystem-Based Management in the Arctic (EBM expert group, 2013):</b> <a href="https://oaarchive.arctic-council.org/handle/11374/122">https://oaarchive.arctic-council.org/handle/11374/122</a></li> <li>• <b>Implementing an Ecosystem Approach to Management of Arctic Marine Ecosystems (PAME, 2019):</b> <a href="https://pame.is/index.php/document-library/pame-reports-new/pame-ministerial-deliverables/2019-11th-arctic-council-ministerial-meeting-rovaniemi-finland/424-guidelines-for-implementing-an-ecosystem-approach-to-management-of-arctic-marine-ecosystems/file">https://pame.is/index.php/document-library/pame-reports-new/pame-ministerial-deliverables/2019-11th-arctic-council-ministerial-meeting-rovaniemi-finland/424-guidelines-for-implementing-an-ecosystem-approach-to-management-of-arctic-marine-ecosystems/file</a></li> <li>• <b>State of the Arctic Marine Biodiversity Report:</b> <a href="https://www.arcti">https://www.arcti</a></li> </ul>



<p><a href="https://caff.is/administrative-series/293-actions-for-arctic-biodiversity-2013-2021-implementing-the-recommendations-of-th">https://caff.is/administrative-series/293-actions-for-arctic-biodiversity-2013-2021-implementing-the-recommendations-of-th</a></p>	<p><a href="#">jects/arctic-marine-shipping/astd</a></p> <ul style="list-style-type: none"> <li>• <b>Arctic Shipping Best Practice Information Forum:</b> <a href="https://www.pame.is/index.php/projects/arctic-marine-shipping/the-arctic-shipping-best-practices-information-forum">https://www.pame.is/index.php/projects/arctic-marine-shipping/the-arctic-shipping-best-practices-information-forum</a></li> <li>• <b>Shipping Progress Report 2017-2019:</b> <a href="https://pame.is/index.php/document-library/pame-reports-new/pame-ministerial-deliverables/2019-11th-arctic-council-ministerial-meeting-rovaniemi-finland/429-arctic-shipping-best-practice-information-forum-status-report/file">https://pame.is/index.php/document-library/pame-reports-new/pame-ministerial-deliverables/2019-11th-arctic-council-ministerial-meeting-rovaniemi-finland/429-arctic-shipping-best-practice-information-forum-status-report/file</a>.</li> <li>• <b>Arctic Council status on implementation of the “Framework Plan for Cooperation on Prevention of Oil Pollution from Petroleum and Maritime Activities in the</b></li> </ul>	<p><a href="#">policy-makers/1763</a></p> <ul style="list-style-type: none"> <li>• <b>AMAP Arctic Climate Change Update 2019:</b> <a href="https://www.pame.no/documents/doc/amap-climate-change-update-2019/1761">https://www.pame.no/documents/doc/amap-climate-change-update-2019/1761</a></li> <li>• <b>Circumpolar Biodiversity Monitoring: Strategic Plan:</b> <a href="https://caff.is/administrative-series/455-circumpolar-biodiversity-monitoring-program-strategic-plan-2018-2021-arctic/download">https://caff.is/administrative-series/455-circumpolar-biodiversity-monitoring-program-strategic-plan-2018-2021-arctic/download</a></li> <li>• <b>Arctic Marine Biodiversity Monitoring Plan:</b> <a href="https://www.caff.is/marine/marine-monitoring-publications/3-arctic-marine-biodiversity-monitoring-plan">https://www.caff.is/marine/marine-monitoring-publications/3-arctic-marine-biodiversity-monitoring-plan</a></li> <li>• <b>Arctic Coastal Biodiversity Monitoring Plan:</b> <a href="https://caff.is/coastal/coastal-monitoring-plan">https://caff.is/coastal/coastal-monitoring-plan</a></li> <li>• <b>Underwater Noise in the Arctic – Understanding Impacts and Defining Management Solutions (phase 1):</b></li> </ul>	<p><a href="http://biodiversity.is/index.php/sambr-downloads">biodiversity.is/index.php/sambr-downloads</a></p> <ul style="list-style-type: none"> <li>• <b>Arctic Biodiversity Assessment</b> <a href="https://www.arcticbiodiversity.is/index.php/download">https://www.arcticbiodiversity.is/index.php/download</a></li> <li>• <b>Large Marine Ecosystems (LME’S) of the Arctic Fact Sheets (PAME):</b> <a href="https://www.pame.is/index.php/projects/ecosystem-approach/arctic-large-marine-ecosystems-lme-s">https://www.pame.is/index.php/projects/ecosystem-approach/arctic-large-marine-ecosystems-lme-s</a></li> </ul>
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	<p><b>Marine Areas of the Arctic (FPOPP, EPPR ):</b>  <a href="https://oaarchive.arctic-council.org/bitstream/handle/11374/1938/2017-05-05-EPPR-Report_Implementation_Framework_Plan_OPP-Edocs-3742.pdf?sequence=1&amp;isAllowed=y">https://oaarchive.arctic-council.org/bitstream/handle/11374/1938/2017-05-05-EPPR-Report_Implementation_Framework_Plan_OPP-Edocs-3742.pdf?sequence=1&amp;isAllowed=y</a></p>	<p><a href="https://www.pame.is/index.php/projects/arctic-marine-shipping/underwater-noise-in-the-arctic">https://www.pame.is/index.php/projects/arctic-marine-shipping/underwater-noise-in-the-arctic</a></p> <ul style="list-style-type: none"> <li>• <b>Desktop Study on Marine Litter in the Arctic, including Microplastics:</b>  <a href="https://pame.is/document-library/pame-reports-new/pame-ministerial-deliverables/2019-11th-arctic-council-ministerial-meeting-rovaniemi-finland/423-desktop-study-on-marine-litter-including-microplastics-in-the-arctic/file">https://pame.is/document-library/pame-reports-new/pame-ministerial-deliverables/2019-11th-arctic-council-ministerial-meeting-rovaniemi-finland/423-desktop-study-on-marine-litter-including-microplastics-in-the-arctic/file</a></li> <li>• <b>Agreement to Prevent Unregulated High Seas Fisheries in the Central Arctic Ocean:</b>  <a href="https://www.dfo-mpo.gc.ca/international/agreement-accord-eng.htm">https://www.dfo-mpo.gc.ca/international/agreement-accord-eng.htm</a></li> <li>• <b>United Nations Convention on the Law of the Sea:</b>  <a href="https://www.un.org/depts/los/convention_agreement">https://www.un.org/depts/los/convention_agreement</a></li> </ul>	
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## List of selected key Working Group projects on the marine environment<sup>1,2</sup>

<b>Protection of the Arctic Marine Environment (PAME)</b>	<b>Arctic Monitoring and Assessment Programme (AMAP)</b>	<b>Conservation of Arctic Flora and Fauna (CAFF)</b>
<ul style="list-style-type: none"> <li>Arctic Marine Strategic Plan;</li> <li>Arctic Ship Traffic Data (ASTD);</li> <li>Arctic Shipping Best Practice Information Forum &amp; Shipping Progress Report 2017-2019;</li> <li>Guidelines for Implementing an Ecosystem Approach to Management of Arctic Marine Ecosystems;</li> <li>Large Marine Ecosystems (LME) Factsheet Series – 18 Arctic LMEs; and,</li> </ul>	<ul style="list-style-type: none"> <li>Addressing Contaminants and Human Health Issues; and,</li> <li>Addressing Issues on Climate Change and its Impacts.</li> </ul>	<ul style="list-style-type: none"> <li>Coastal and Marine components of the Circumpolar Biodiversity Monitoring Programme (CBMP).</li> </ul>

<b>Sustainable Development Working Group (SDWG)</b>	<b>Emergency Prevention, Preparedness and Response (EPPR)</b>
<ul style="list-style-type: none"> <li>Blue Bioeconomy Project; and,</li> <li>Solid Waste Management in Remote Arctic Communities (jointly with ACAP)</li> </ul>	<ul style="list-style-type: none"> <li>Framework Plan for Cooperation on Prevention of Oil Pollution from Petroleum and Maritime Activities in the Marine Areas of the Arctic (FPOPP);</li> <li>Implementation of the Agreement on Cooperation on Marine Oil Pollution Preparedness and Response in the Arctic (MOSPA);</li> <li>Compendium for Arctic Shipping Accidents (CASA, jointly with PAME);</li> <li>Overview of Low-Impact Shipping Corridors and other Shipping Management Schemes in the Arctic;</li> </ul>

<sup>1</sup> Sustaining Arctic Observing Networks (SAON): in its current strategy, SAON has identified the need for a Roadmap for Arctic Observing and Data Systems (ROADS) as a way of defining the needed Observing and Data System and as a way to specify how the various partners and players are going to collectively work towards achieving that system. SAON is a joint initiative between the Arctic Council and the International Arctic Science Committee (IASC) that was created to strengthen multinational engagement in and coordination of pan-Arctic observing, also of the marine environment.

<sup>2</sup> The sixth Arctic Council WG, Arctic Contaminants Action Program (ACAP) does not currently work on any relevant project related to the Arctic marine environment.

	<ul style="list-style-type: none"><li>• Risk assessment methods and metadata – development of guidelines and tools; and,</li><li>• Circumpolar Oil Spill Response Viability Analysis (COSRVA) Phase II.</li></ul>
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## Documents or ongoing WG marine-related activities submitted for information

### Protection of the Arctic Marine Environment (PAME)

- PAME 2019-2021 Work Plan: <https://www.pame.is/index.php/shortcode/pame-work-plan/445-pame-work-plan-2019-2021/file>

### Arctic Monitoring and Assessment Programme (AMAP)

- AMAP's Trends and Effects Monitoring Programme: AMAP's contribution will be to develop the monitoring programme and guidelines to accompany the action plan;
- Follow-up with PAME on future work to implement an ecosystem-based approach to marine management: ecosystem-based approach to marine management;
- Impacts of climate change on marine, freshwater and terrestrial ecosystems: scoping an assessment;
- Work to strengthen guidance on monitoring to improve quantification of future climate change and climate change effects: guidance on monitoring for climate change and its effects;
- Factsheets with PAME: develop factsheets on Marine Protected Areas;
- Collaboration with PAME on the Arctic Marine Strategic Plan (AMSP) 2015-2025 Implementation Plan;
- Integrated Ecosystem Assessment for the Central Arctic Ocean (WGICA): joint effort by the International Council for the Exploration of the Sea (ICES), the North Pacific Marine Science Organization (PICES) and PAME; and,
- Arctic Marine Shipping Assessment.

### Conservation of Arctic Flora and Fauna (CAFF)

#### *Assessments*

- State of the Arctic Marine Biodiversity Report (SAMBR) Follow-up: <https://www.arcticbiodiversity.is/marine> (2017);
- Arctic Marine Protected Areas Index: <http://www.caff.is/indices-and-indicators/protected-areas-index> (2010-ongoing);
- Arctic Biodiversity Assessment (ABA): <http://www.arcticbiodiversity.is/> (2006, published in 2013);
- Arctic Biodiversity Assessment: Synthesis: <http://www.caff.is/assessment-series/10-arctic->



[biodiversity-assessment/232-arctic-biodiversity-assessment-2013-synthesis](#) (2006-2013);

- Identification of Arctic marine areas of heightened ecological and cultural significance: Arctic Marine Shipping Assessment IIC: <http://caff.is/protected-and-important-areas/amsa-2c-areas-of-heightened-importance> (2009-2014);
- Lumpsucker fishery effects on Arctic seabirds: n/a (completed in 2019): <https://caff.is/expert-groups-series/521-what-s-the-catch-with-lumpsuckers/download>;
- Life Linked to Ice: Arctic sea-ice-associated biodiversity: <http://caff.is/sea-ice-associated-biodiversity> (2011-2013);
- A Scoping Study Exploring the Economics of Ecosystems and Biodiversity (TEEB) in the Arctic: <http://arcticteeb.net/> (2014-2015);
- Arctic biodiversity principles and their application in mainstreaming biodiversity. Phase 1: Background and options paper: <https://caff.is/strategies-series/433-arctic-biodiversity-principles-and-their-application-in-mainstreaming-biodiversi> (2017);
- Arctic Species Trend Index (ASTI): Migratory Birds Index: <http://caff.is/asti> (2014-2015);
- ASTI: Tracking Trends in Arctic Vertebrate Populations through Space and Time: <http://caff.is/asti> (2011-2012);
- ATI: Tracking Trends in Arctic Marine Populations: <http://caff.is/asti> (2011-2012);
- ASTI: Tracking Trends in Arctic Wildlife: <http://caff.is/asti> (2010);

#### *Monitoring*

- Circumpolar Biodiversity Monitoring Program (CBMP): <http://caff.is/monitoring>;
- Arctic Marine Biodiversity Monitoring Plan: <http://caff.is/marine/marine-monitoring-plan> (2011-under implementation);
- Arctic Coastal Biodiversity Monitoring Plan: <http://www.caff.is/coastal> (completed in 2019-under implementation);
- Circumpolar Seabird Monitoring Plan: <http://www.caff.is/seabirds-cbird/seabird-monitoring> (completed in 2015);
- Community Observation Network for Adaptation and Security (CONAS): <https://www.facebook.com/CONASAK> (2014-ongoing);

#### *Strategies*

- Actions for Arctic Biodiversity 2013-2021: Implementing the recommendations of the Arctic Biodiversity Assessment: <http://www.caff.is/actions-for-arctic-biodiversity-2013-2021> (2013-2021);

- Development of a black guillemot Conservation Strategy and Action Plan: n/a (2016-ongoing): <https://www.caff.is/seabirds-cbird/cbird-publications>;
- Arctic Invasive Alien Species (ARIAS) Strategy and Action Plan: <http://caff.is/invasive-species> (completed in 2017-plans for implementation underway);
- Arctic Migratory Bird Initiative (AMBI): <http://caff.is/ambi> (completed in 2013 and being implemented);
- Strategy for Facilitating and Promoting Community-based Monitoring (CBM) Approaches in Arctic Biodiversity Monitoring: <http://www.caff.is/community-based-monitoring-strategy> (completed in 2013);
- A Strategy for Developing Indices and Indicators to Track Status and Trends in Arctic Biodiversity: <http://caff.is/indices-and-indicators> (completed in 2008-under implementation);
- Ivory Gull Conservation Strategy and Action Plan: <http://www.caff.is/species-conservation-strategy/ivory-gull-conservation-strategy-and-action-plan> (completed in 2008-under implementation);
- Circumpolar Eider Conservation Strategy and Action Plan: <http://caff.is/species-conservation-strategy/eider-conservation-strategy-and-action-plan> (completed in 1997-under implementation);
- International Murre Conservation Strategy and Action Plan: <http://caff.is/species-conservation-strategy/murre-conservation-strategy-and-action-plan> (completed in 1996-under implementation);

#### Data

- CAFF's Arctic Biodiversity Data Service (ABDS): <http://abds.is/>;
- Land Cover Change Initiative MODIS Satellite Data: <http://www.caff.is/indices-and-indicators/land-cover-change-index> (2015-ongoing);

#### Policy

- Arctic Biodiversity Assessment: Report for Policy Makers: <http://www.caff.is/assessment-series/10-arctic-biodiversity-assessment/232-arctic-biodiversity-assessment-2013-synthesis> (2006, published in 2013);