



Protection of the Arctic Marine Environment

---

**PAME I-2019 Working Group Meeting**  
**Hotel Scandic Triangeln**  
**Malmö, Sweden**  
**4-7 February 2019**  
**Draft Agenda with Timeline (version 30 Jan)**

---

The next PAME Working Group Meeting (PAME I-2019) will be held from 4-7 February 2019 at the facilities of **Hotel Scandic Triangeln** in Malmö, Sweden (address: Triangeln 2 and website: [here](#)). Monday the 4<sup>th</sup> of February has been set aside for pre-meetings of the PAME expert groups and the PAME I-2019 plenary will take place from 5-7 February.

Leads on respective activities are requested to prepare for this meeting in accordance with the PAME Work Plan 2017-2019 and Records of Decisions from the PAME II-2018 meeting. PAME delegations are invited to include Shipping/IMO, Ecosystem Approach, Marine Protected Areas, Resource Exploration and Development, Marine Litter and other experts in their delegations to the PAME I-2019 meeting.

**Documents requiring decisions from this meeting should be distributed 30 days in advance, or by 7<sup>th</sup> of January 2019 in accordance with the Arctic Council's Working Groups Common Operating Guidelines.**

The aim of this Meeting is as follows:

- 1 Leads on respective activities to provide status on progress to date in accordance with the PAME II-2018 Records of Decisions and the PAME 2017-2019 Work Plan.
- 2 Agree on projects for inclusion into the PAME Work Plan 2019-2021.
- 3 Agree on deliverables to the Ministerial meeting May 2019 with reference to PAME II-2018 RoDs, Annexes I and II, to include the PAME Work Plan 2019-2021 and inputs to the SAO Report to Ministers as per guidance from the Arctic Council/Finnish Chairmanship.
- 4 Agree on updates/status for the next SAO meeting 12-14 March 2019 in Ruka to include outstanding issues and/or guidance sought from SAOs in preparations for the 2019 Ministerial meeting.

---

**PAME I-2019 Main Agenda Items**  
**5-7 February 2019**

---

- Item 1:** Opening of the Meeting
- Item 2:** Introduction and Adoption of the Agenda
- Item 3:** Information from the Chair and the Secretariat
- Item 4:** Pan-Arctic Network of Marine Protected Areas (MPAs)
- Item 5:** Protection from Invasive Species
- Item 6:** Arctic Marine Shipping activities (various leads)
- Item 7:** Arctic Offshore Resource Exploration and Development
- Item 8:** Ecosystem-based Approach to Management
- Item 9:** Arctic Marine Pollution: Marine Litter, including Microplastics

**Item 10:** Preparations for the 2019 Ministerial Meeting:

- 11.1 2019-2021 PAME Work Plan
- 11.2 2019 Ministerial submissions – SAO Report to Ministers
- 11.3 Arctic Marine Strategic Plan (AMSP) Implementation Progress Report 2017-2019

**Item 11:** Summary of Meeting Decisions and Follow up Actions (Chair & Secretariat)

**Item 12:** Any other business and closing of the Meeting

## PAME I-2019: Pre-Meetings

### MONDAY, February 4

The pre-meetings will take place at the facilities of at the facilities of Hotel Scandic Triangeln.

Following is a list of the times of the pre-meetings:

Breakout room: Ballroom 3 <sup>rd</sup> floor (ca. 30-35 persons)	Breakout room: Learning 3 <sup>rd</sup> floor (ca. 20-25 persons)
<p><b><u>10:00-17:00 (whole day)</u></b>  <b><i>Shipping Experts Group (SEG)</i></b>                      The agenda to be provided</p>	<p><b><u>09:00-11:00</u></b>  <b><i>Resource Exploration and Development Expert Group (REDEG)</i></b>                      The agenda will be the items under Agenda Item 7.</p>
	<p><b><u>11:00-13:00</u></b>  <b><i>Ecosystem Approach Expert Group</i></b>                      The agenda will be the items under Agenda Item 8.</p>
	<p><b><u>13:00-15:00</u></b>  <b><i>MPA Expert Group</i></b>                      The agenda will be the items under Agenda Item 4.</p>
	<p><b><u>15:00-17:00</u></b>  <b><i>Marine Litter Expert Group</i></b>                      The agenda will be the items under Agenda Item 9.</p>

## PAME I-2019 Working Group Meeting 5-7 Feb

### Hotel Scandic Triangeln (Ballroom 3<sup>rd</sup> floor)

### Malmö, Sweden

#### Documentation

All PAME I-2019 meeting documents will be posted on the PAME password protected area of the homepage: <http://www.pame.is> and login information will be provided to confirmed participants.

***Participants are urged to bring their own copies of the PAME-related documents for this meeting in an effort to minimize printing during the meeting!***

*Coffee breaks: 10:00-10:15 and 15:00-15:15 - Lunch breaks: 12:00-13:00*

<b>TUESDAY, February 5</b>		
<i>Timeline</i>	<i>Agenda items</i>	<i>Note/Leads</i>
<b>08:30-09:00</b>	Registration of PAME meeting participants	
<b>09:00-10:30</b>	<p><b>Item 1: Opening of the Meeting</b></p> <ul style="list-style-type: none"> <li>• Björn Lyrvall, Senior Arctic Official of Sweden</li> <li>• Jessica Nilsson, Head of Delegation, Sweden</li> </ul> <p><b>Item 2: Introduction and Adoption of the Agenda</b></p> <p><b>Item 3: Information and various updates</b></p> <p>3.1 Outcomes from SAO meeting (Nov 2018)</p> <p>3.2 Contributions to the Arctic Council's Environment Ministerial meeting (11-12 Oct 2018)</p> <p>3.3 Outcomes from other Arctic Council and international meetings of relevance.</p> <p>3.4 Presentation by the People's Republic of China as an Arctic Council Observer State on contributions and interests of relevance to PAME work.</p> <p>3.5 Presentation by the World Maritime University</p> <p>3.6 Update on Iceland's 2019-2021 Chairmanship program and priorities of relevance to PAMEs work</p>	<p>PAME Sec and Finland Vice-Chair</p> <p>Various</p> <p>Prof. LU,Zhibo</p> <p>Dr. Lawrence P. Hildebrand</p> <p>Iceland</p>
<b>10:30-11:00</b>	<p><b>Item 4: Pan-Arctic Network of Marine Protected Areas (MPAs)</b></p> <p>4.1 Update on plans for 4<sup>th</sup> MPA Workshop (Canada in 2019).</p> <p>4.2 Summary of revised project plan on Modelling Arctic oceanographic connectivity to further develop PAME's MPA toolbox.</p> <p>4.3 Summary of revised draft proposal to develop factsheet on Arctic Marine Climate Change Impact and MPAs.</p> <p>4.4 Summary of follow-up activities based on:</p> <p>a) the MPA Toolbox and MPA workshops;</p>	<p>Canada</p> <p>Sweden</p> <p>Finland</p> <p>USA</p>

	<p>b) Joint PAME and CAFF collaboration with UNEP-WCMC on Arctic PA Indicator Report</p> <p>c) MPA EG action table as a reference in developing project proposals for the 2019-2021 work cycle.</p> <p>4.5 Discussions, confirmation of leads and an agreement on MPA-related activities in the PAME 2019-2021 Work Plan. (<i>Agenda item 10</i>).</p>	<p>PAME Sec USA  All</p>
<b>11:00-11:30</b>	<p><b>Item 5: Protection from Invasive Species</b></p> <p>5.1 Outcome from the meeting of the Arctic Invasive Alien Species Strategy and Action Plan (ARIAS) Strategy and Action Plan Joint CAFF/PAME coordination group.</p> <p>a) Confirmation of a PAME co-chair for the ARIAS Joint Coordination Group (USA is the CAFF co-chair)</p> <p>b) Proposed implementation actions/projects by the ARIAS Joint Coordination Group for inclusion into PAMEs and CAFFs 2019-2021 work plans.</p> <p>5.2 Discussions, confirmation of leads and agreement on ARIAS activities in the PAME 2019-2021 Work Plan. (<i>Agenda item 10</i>)</p>	<p>Canada/USA          All</p>
<b>11:30-17:00</b>	<p><b>Item 6: Arctic Marine Shipping Assessment activities–status and updates (various leads)</b></p> <p><i>Refer to the PAME Shipping Expert Group pre-meeting agenda (to be provided)</i></p>	
<b>11:30-12:00</b>	<b>Summary from the Shipping Experts Group pre-meeting</b>	SEG Co-chairs
<b>13:00-15:00</b>	<b><i>Theme I: Enhanced Arctic Maritime Safety</i></b>	
	<p>6.1 <u>Linking with International Organizations (I(A))</u></p> <p>a) Arctic Shipping Best Practice Information Forum</p> <p>i. Preparations for the 3<sup>rd</sup> meeting of the Forum</p> <p>ii. Discussions and next steps.</p> <p>b) MoU with the Arctic Regional Hydrographic Commission (ARHC): Next steps and inclusion into PAME 2019-2021 Work Plan.</p> <p>c) WMO paper on the Voluntary Observing Ship (VOS) scheme: Next steps on WMO collaboration and inclusion into PAME 2019-2021 Work Plan. (<i>Agenda item 10</i>)</p>	<p>Can/ Fin/USA</p>
	<p>6.2 <u>IMO Measures for Arctic Shipping (I(B))</u></p> <p>a) Activities with the aim to continue to advance the work by PAME on mitigating risks associated with the use and carriage of Heavy Fuel Oil (HFO) by vessels in the Arctic</p> <p>i. HFO Phase IV(b) – Update on information compiled on-shore use by Indigenous and Local Community Reliance Upon Heavy Fuel Oil (HFO) project.</p> <p>ii. HFO Phase IV(d) – Summary of final report: Explore the environmental, economic, technical and practical aspects of the use by ships in the Arctic of alternative fuels.</p>	<p>SEG/All  USA/AIA/CCU  Mr. Kjetil Martinsen</p>

	b) Harmonized implementation of the Polar Code: Summary on template prepared by Norway to facilitate a harmonised implementation of the Polar Code and next steps.	Norway
	6.3 <u>Uniformity of Arctic Shipping Governance (I(C))</u> a) Summary of a revised draft on the Safe and Low Impact Shipping Corridors project b) Discussions and approval for 2019 Ministerial	Canada/Iceland/ AIA
<b>15:15-15:45</b>	<b><i>Theme II: Protecting Arctic People and the Environment</i></b>	
	6.4 <u>Specially Designated Arctic Marine Areas (II(D))</u> a) Update on the joint submission on the Regional Reception Facilities Plan (RRFP) to the MEPC 74	Russia/USA
	6.5 <u>Addressing Impacts on Marine Mammals (II(G))</u> a) Summary of the State of the Knowledge report on underwater noise. b) Draft project proposal on Underwater Noise in the Arctic – Understanding Impacts and Defining Management Solutions c) Discussions and approval for submission to 2019 Ministerial and inclusion of follow-up activities to the PAME 2019-2021 Work Plan. ( <i>Agenda item 10</i> )	Canada/WWF/ OSPAR  Canada/WWF
<b>15:45-17:00</b>	<b><i>Theme III: Building the Arctic Marine Infrastructure</i></b>	
	6.6 <u>Addressing the Infrastructure Deficit (III(A))</u> Brief status update on the MEPC 74 submission on the concept of regional reception facilities.	Russia/USA
	6.7 <u>Arctic Marine Traffic Systems (III(B))</u> a) Arctic Ship Traffic Data project: Official launch and next steps b) Update on the joint PAME/EPPR Compendium of Arctic Ship Accidents (CASA) project. i. Discussions and approval for submission to 2019 Ministerial and inclusion of follow-up activities to the PAME 2019-2021 Work Plan. ( <i>Agenda item 10</i> )	USA/ Norway  USA
	6.8 <u>Engagement of Observer States PAME's shipping-related activities</u> a) Update on planned workshop in 2019 with the aim to discuss options for more systematically engaging Observers in PAME's shipping related work. b) Discussions and approval for submission to 2019 Ministerial and inclusion of follow-up activities to the PAME 2019-2021 Work Plan. ( <i>Agenda item 10</i> )	USA Italy Korea Poland

	<p><b>6.9 <u>Shipping-related work and preparations for the 2019 Ministerial</u></b></p> <p>a) Status on the updated AMSA update/refresh project matrix (updating the recommendations contained in the 2009 AMSA Report) for inclusion to the PAME 2019-2021 Work Plan.</p> <p>b) Summary, confirmation of leads and an agreement on shipping related project proposals for inclusion in PAME's 2019-2021 Work Plan. (<i>Agenda item 10</i>).</p> <p>Projects/activities as addressed in under the shipping agenda items above in addition to new project proposals:</p> <p>i. Revised draft project proposal submitted by Iceland on: <i>Black carbon mitigation measures from shipping in the Arctic: Fuel and Exhaust Gas Treatment for Marine Diesel Engines – Summary Report</i></p> <p>ii. Revised draft project plan to develop an <i>Arctic Shipping Status Report (ASSR)</i>.</p> <p>iii. Draft project proposal submitted by Iceland on <i>Arctic Marine Tourism: Shipping analysis and Best Practices Guidelines</i>.</p> <p>iv. Placeholder for a joint PAMEEPPR project by Norway on <i>Fuel spills in Arctic waters: Environmental Toxicity of light and intermediate fuel oils when spilt on a cold water surface</i>.</p> <p>v. Draft project proposal Submitted by Canada and WWF on <i>Underwater Noise in the Arctic – Understanding Impacts and Defining Management Solutions (Agenda 6.3(b))</i>.</p> <p>vi. Other shipping related project proposal submitted by PAME members.</p>	<p>USA/Canada</p> <p>SEG/all</p> <p>Various</p>
<p><b>From 17:30</b></p>	<p align="center"><b>Reception at the World Maritime University</b></p> <p align="center"><i>Details to be provided</i></p>	

<b>WEDNESDAY, February 6</b>		
<i>Timeline</i>	<i>Agenda items</i>	<i>Note/Leads</i>
<b>09:00-10:00</b>	<p><b>Item 7: Arctic Offshore Resource Exploration and Development</b></p> <p>7.1 Summary on the final draft Meaningful Engagement of Indigenous Peoples and Local Communities in Marine Activities Project (MEMA) Part II.</p> <p>a) Discussions and approval for submission to 2019 Ministerial and inclusion of follow-up activities to the PAME 2019-2021 Work Plan. (<i>Agenda item 10</i>)</p> <p>7.2 Resource and Exploration and Development Expert Group (REDEG): Summary from the survey on selected updates of the Arctic Offshore Oil and Gas Guidelines (2009).</p> <p>a) <u>Concept Paper 1</u>: Information Handbook or Reference Guide on Engagement of Indigenous Peoples in Marine Activities.</p> <p>b) <u>Concept Paper 2</u>: Guidance on Engagement of Indigenous Peoples in Offshore Oil and Gas Activities.</p> <p>c) <u>Concept Paper 3</u>: Guidance on Non-Emergency Operations, Monitoring, and Decommissioning</p> <p>d) Discussions, confirmation of leads and an agreement on inclusion of follow-up activities to the PAME 2019-2021 Work Plan. (<i>Agenda item 10</i>)</p>	<p>USA/Canada</p> <p>USA/Canada</p>
<b>10:00-11:00</b>	<p><b>Item 8: Ecosystem-based Approach to Management</b></p> <p>8.1 Summary status of the EA-EG work plan items 2017-2019</p> <p>8.2 Update on the planning of the 2<sup>nd</sup> EA Conference</p> <p>8.3 Summary of the final draft EA Guidelines</p> <p>8.4 Agree to the next steps on the PAME/ICES Working Group on Integrated Ecosystem Assessment in the Central Arctic Ocean (WGICA) including revised ToR.</p> <p>8.5 Discussions, approval of submission to 2019 Ministerial and inclusion of follow-up activities to the PAME 2019-2021 Work Plan. (<i>Agenda item 10</i>).</p>	<p>USA/Norway</p> <p>USA/Norway</p> <p>USA/Norway</p> <p>USA/Norway</p> <p>All</p>
<b>11:00-12:00</b>	<p><b>Item 9: Arctic Marine Pollution: Marine Litter, including Microplastics</b></p> <p>9.1 Summary of final draft of the Desktop Study on Marine Litter including Microplastics in the Arctic.</p> <p>9.2 Summary of project plan submitted by the co-leads on the development of the <i>first version of a Regional Action Plan on Marine Litter in the Arctic (Phased Approach)</i> including proposed communication and outreach material</p> <p>9.3 Discussions, confirmation of leads, approval of submission to 2019 Ministerial and inclusion of follow-up activities in the PAME 2019-2021 Work Plan. (<i>Agenda item 10</i>).</p>	<p>Project leads and PAME Secretariat</p>

13:30-14:00	<p><b>Item 10: Preparations for the 2019 Ministerial Meeting and AMSP Implementation:</b></p> <p>10.1 Review and agree to the PAME section in the SAO Report to Ministers.</p> <p>10.2 Review and agree to the PAME 2019-2021 Work Plan items:</p> <ul style="list-style-type: none"> <li>a) for the SAO Report to Ministers (short version).</li> <li>b) The longer stand-alone version of the PAME 2019-2021 Work Plan including its annexes with details on new project plans.</li> </ul> <p>10.3 New project proposals for inclusion into the PAME 2019-2021 work plan.</p> <p>10.4 Review and agree to finalizing the 2<sup>nd</sup> AMSP implementation report (2017-2019).</p>	PAME Chair All
14:00-17:15	<p><b>PAME Breakout sessions:</b> The aim is to finalize relevant documents and revisions to proposed 2019-2021 Work Plan items/projects and activities (including confirmations on leads/co-leads), and prepare draft RoDs for further discussion and agreement under Agenda Item 11.</p> <p><b>Shipping expert group 14:00-17:00      MPA expert group 14:00-15:00</b>  <b>REDEG group 15:15-17:00                  EA expert group 15:15-16:15</b>  <b>Marine litter expert group 16:15-17:15</b></p>	
<p><b>Dinner</b> <i>Details to be provided</i></p>		
<p><i>Respective leads to provide draft RoDs to the PAME Secretary by end of the day/midnight</i></p>		
<p><b>THURSDAY, February 7</b></p>		
<i>Timeline</i>	<i>Agenda items</i>	<i>Note/Leads</i>
09:00-11:00	<b>Outstanding issues from previous days and overview of way forward/next steps (as per outcomes from the breakout sessions).</b>	Various
11:00-17:00	<b>Item 11: Summary of Meeting Decisions and Follow up Actions (Chair &amp; Secretariat)</b>	Chair
	<b>Item 12: Next PAME Meeting, any other business and closing of the Meeting</b>	Chair/All
<p><b>End of PAME I-2019 Meeting at 17:00</b></p>		