



INTERNATIONAL POLAR YEAR OSLO SCIENCE CONFERENCE

2010 8-12 JUNE

Programme

Please note that this is a preliminary programme and will be subject to change over the coming weeks. We also anticipate adding more side events and meetings, so please keep checking the congress website for further information.

Sunday 6 June

- 14:00 [IPY/SAON Data Workshop - Day 1](#)
- 09:00 - 17:00 [International PolarTEACHERS Conference - Day 1](#)
[APECS Workshop - Day 1](#)
- 18:30 - 23:00 **Cruise on the Oslo Fjord**

Monday 7 June

- 08:45 - 13:00 [IPY/SAON Data Workshop - Day 2](#)
- 08:45 - 17:30 [Sino-Norwegian seminar on Arctic Scientific Cooperation](#)
- 11:00 - 17:00 [Editorial Board meeting for the journal Polar Research](#)
- 09:00 - 17:00 [SASSI Workshop](#)
- 14:00 - 17:00 **IPY 2012 Steering Committee Meeting**
- 09:30 - 21:30 **SCAR AGCS Steering Committee Meeting**
- 09:00 - 17:15 [International PolarTEACHERS Conference - Day 2](#)
- 09:00 - 17:00 [APECS Workshop - Day 2](#)
- 20:00 **Icebreaker Reception**
Oslo City Hall

Tuesday 8 June

- 08:45 - 09:50 [Opening Ceremony](#)
- 10:00 - 10:30 [EM8.1-1 Polar Oceans and their importance for global ocean circulation](#)
[EM8.1-3 Chemical exchanges between snow, ice, atmosphere and ocean in Polar Regions](#)
[EM8.1-7 Polar/global atmospheric linking processes: Polar aerosols - sources and impacts](#)
[EM8.2-1 Climate and paleoclimate dynamics and processes - with Invited Session Speaker](#)
[EM8.2-4 Permafrost on a warming planet - with Invited Session Speaker](#)
[EM8.3-3 Arctic and subArctic connections: Ecosystems and biodiversity](#)
[EM8.3-6 Impact of climate change on polar terrestrial ecosystems - with Invited Session Speaker](#)
[EM8.3-8 Ecosystems of the Southern Ocean - with Invited Session Speaker](#)
[EM8.4-4 Communities and change](#)
[EM8.4-5 Polar lessons: Arctic and Antarctic governance and economics - with Invited Session Speakers](#)
[EM8.4-6 Human impacts in the Arctic and Antarctic: Environmental and management implications - with Invited Session Speaker](#)
[EM8.5-2 Polar observing systems - with Invited Session Speaker](#)
[EM8.5-3 New frontiers and directions in subglacial exploration](#)

[EM8.5-5 Space for polar science](#)

[EM8.6-1 Learning together: The impacts of integrating education, outreach and research in IPY](#)

[EM8.6-2 Incorporating polar science into formal education](#)

10:30 - 11:00 **Refreshment Break**

11:00 - 12:15 [LM8.1-1 Polar Oceans and their importance for global ocean circulation](#)

[LM8.1-3 Chemical exchanges between snow, ice, atmosphere and ocean in Polar Regions](#)

[LM8.1-7 Polar/global atmospheric linking processes: Polar aerosols - sources and impacts](#)

[LM8.2-1 Climate and paleoclimate dynamics and processes](#)

[LM8.2-4 Permafrost on a warming planet - with Invited Session Speaker](#)

[LM8.3-3 Arctic and subArctic connections: Ecosystems and biodiversity - with Invited Session Speaker](#)

[LM8.3-6 Impact of climate change on polar terrestrial ecosystems](#)

[LM8.3-8 Ecosystems of the Southern Ocean](#)

[LM8.4-4 Communities and change](#)

[LM8.4-5 Polar lessons: Arctic and Antarctic governance and economics - with Invited Session Speaker](#)

[LM8.4-6 Human impacts in the Arctic and Antarctic: Environmental and management implications](#)

[LM8.5-2 Polar observing systems](#)

[LM8.5-3 New frontiers and directions in subglacial exploration](#)

[LM8.5-5 - Space for polar science with Invited Session Speaker](#)

[LM8.6-1 Learning together: The impacts of integrating education, outreach and research in IPY](#)

[LM8.6-2 Incorporating polar science into formal education](#)

12:15 - 13:00 [PL1 Plenary Lecture](#)

13:00 - 14:00 **Lunch**

14:00 - 16:00 [EA8.1-1 Polar Oceans and their importance for global ocean circulation - with Invited Session Speaker](#)

[EA8.1-3 Chemical exchanges between snow, ice, atmosphere and ocean in Polar Regions](#)

[EA8.1-7 Polar/global atmospheric linking processes: Polar aerosols - sources and impacts](#)

[EA8.2-1 Climate and paleoclimate dynamics and processes - with Invited Session Speaker](#)

[EA8.2-4 Permafrost on a warming planet - with Invited Session Speaker](#)

[EA8.2-7 Solid earth geophysical and geochemical processes - with Invited Session Speaker](#)

[EA8.3-3 Arctic and subArctic connections: Ecosystems and biodiversity - with Invited Session Speaker](#)

[EA8.3-6 Impact of climate change on polar terrestrial ecosystems](#)

[EA8.3-8 Ecosystems of the Southern Ocean](#)

[EA8.4-4 Communities and change](#)

[EA8.4-5 Polar lessons: Arctic and Antarctic governance and economics](#)

[EA8.4-6 Human impacts in the Arctic and Antarctic: Environmental and management implications](#)

[EA8.5-2 Polar observing systems](#)

[EA8.5-5 Space for polar science](#)

[EA8.6-1 Learning together: The impacts of integrating education, outreach and research in IPY](#)

[EA8.6-2 Incorporating polar science into formal education](#)

- 16:00 - 17:30 [Poster Session PS1 - Section A](#)
[Poster Session PS1 - Section B](#)
[Poster Session PS1 - Section C](#)
[Poster Session PS1 - Section D](#)
[Poster Session PS1 - Section E](#)
[Poster Session PS1 - Section F](#)

Business Meetings and Side Events

- 16:45 - 18:30 [Theme Wide Activity - Polar social science frontiers - Arctic-Antarctic connections](#)
19:00 - 22:00 [MEOP Scientific Coordination Meeting](#)
17:00 - 21:00 [POLAR-AOD Meeting](#)
17:30 - 20:00 **OASIS Meeting**
18:00 - 21:00 **APECS Reception**

Wednesday 9 June

- 08:45 - 09:20 [PL2 Plenary Lecture](#)
- 09:30 - 10:30 [EM9.1-1 Polar Oceans and their importance for global ocean circulation](#)
[EM9.1-3 Chemical exchanges between snow, ice, atmosphere and ocean in Polar Regions](#)
[EM9.1-8 Contaminants in polar physical and biological environment, humans and climate influence - with Invited Session Speaker](#)
[EM9.2-1 Climate and paleoclimate dynamics and processes - with Invited Session Speaker](#)
[EM9.2-3 Snow and ice dynamics and processes](#)
[EM9.2-7 Solid earth geophysical and geochemical processes](#)
[EM9.2-8 Heliosphere impact on geospace](#)
[EM9.3-3 Arctic and subArctic connections: Ecosystems and biodiversity - with Invited Session Speakers](#)
[EM9.3-6 Impact of climate change on polar terrestrial ecosystems - with Invited Session Speaker](#)
[EM9.3-8 Ecosystems of the Southern Ocean](#)
[EM9.4-4 Communities and change](#)
[EM9.4-6 Human impacts in the Arctic and Antarctic: Environmental and management implications](#)
[EM9.5-2 Polar observing systems - with Invited Session Speaker](#)
[EM9.5-5 Space for polar science with Invited Session Speaker](#)
[EM9.6-1 Learning together: The impacts of integrating education, outreach and research in IPY](#)
[EM9.6-2 Incorporating polar science into formal education](#)
- 10:30 - 11:00 **Refreshment Break**
- 11:00 - 12:30 [LM9.1-1 Polar Oceans and their importance for global ocean circulation - with Invited Session Speaker](#)
[LM9.1-3 Chemical exchanges between snow, ice, atmosphere and ocean in Polar Regions](#)
[LM9.1-8 Contaminants in polar physical and biological environment, humans and climate influence](#)
[LM9.2-1 Climate and paleoclimate dynamics and processes - with Invited Session Speaker](#)
[LM9.2-3 Snow and ice dynamics and processes](#)
[LM9.2-8 Heliosphere impact on geospace](#)

[LM9.3-3 Arctic and subArctic connections: Ecosystems and biodiversity](#)

[LM9.3-6 Impact of climate change on polar terrestrial ecosystems](#)

[LM9.3-8 Ecosystems of the Southern Ocean](#)

[LM9.4-4 Communities and change](#)

[LM9.4-5 Polar lessons: Arctic and Antarctic governance and economics - with Panel Session](#)

[LM9.4-6 Human impacts in the Arctic and Antarctic: Environmental and management implications - with Invited Session Speaker](#)

[LM9.5-2 Polar observing systems](#)

[LM9.5-5 Space for polar science with Invited Session Speaker](#)

[LM9.6-1 Learning together: The impacts of integrating education, outreach and research in IPY](#)

[LM9.6-2 Incorporating polar science into formal education](#)

12:30 - 14:00 **Lunch**

14:00 - 16:00 [EA9.1-1 Polar Oceans and their importance for global ocean circulation](#)

[EA9.1-3 Chemical exchanges between snow, ice, atmosphere and ocean in Polar Regions](#)

[EA9.1-7 Workshop - Polar/global atmospheric linking processes: Polar aerosols - sources and impacts](#)

[EA9.1-8 Contaminants in polar physical and biological environment, humans and climate influence](#)

[EA9.2-1 Climate and paleoclimate dynamics and processes](#)

[EA9.2-3 Snow and ice dynamics and processes](#)

[EA9.2-8 Heliosphere impact on geospace](#)

[EA9.3-5 Arctic and Antarctic freshwater ecosystems](#)

[EA9.3-6 Impact of climate change on polar terrestrial ecosystems](#)

[EA9.3-8 Ecosystems of the Southern Ocean - with Invited Session Speaker](#)

[EA9.4-4 Communities and change](#)

[EA9.4-6 Human impacts in the Arctic and Antarctic: Environmental and management implications](#)

[EA9.5-2 Polar observing systems](#)

[EA9.5-4 Data and other cross-cutting issues for future polar research](#)

[EA9.5-5 Space for polar science](#)

[EA9.6-1 Learning together: The impacts of integrating education, outreach and research in IPY](#)

17:30 **Fram Barbeque**

Business Meetings and Side Events

09:00 - 15:00 [IPY Legacy: from science to society and policy](#)

12:30 - 14:00 [ICED \(Integrating Climate and Ecosystem Dynamics\) Scientific Steering Committee Meeting](#)

10:00 - 13:00 [IPA Executive Committee Meeting](#)

Thursday 10 June

08:45 - 09:20 [PL3 Plenary Lecture](#)

09:30 - 10:30 [EM10.1-1 Polar Oceans and their importance for global ocean circulation](#)

[EM10.1-7 Polar/global atmospheric linking processes: Polar aerosols - sources and impacts](#)

[EM10.1-8 Contaminants in polar physical and biological environment, humans and climate influence - with Invited Session Speaker](#)

[EM10.2-1 Climate and paleoclimate dynamics and processes](#)

[EM10.2-3 Snow and ice dynamics and processes](#)

[EM10.2-4 Permafrost on a warming planet](#)

[EM10.2-5 From land to ocean: Hydrological, coastal, nearshore and upper shelf processes in Polar Regions](#)

[EM10.2-6 Ocean physical and geochemical dynamics and processes - with Invited Session Speaker](#)

[EM10.3-3 Arctic and subArctic connections: Ecosystems and biodiversity](#)

[EM10.3-5 Arctic and Antarctic freshwater ecosystems](#)

[Parallel session EM10.3-6 with Invited Session Speaker](#)

[EM10.4-6 Human impacts in the Arctic and Antarctic: Environmental and management implications](#)

[EM10.5-2 Polar observing systems - with Invited Session Speaker](#)

[EM10.5-4 Data and other cross-cutting issues for future polar research](#)

[EM10.6-1 Learning together: The impacts of integrating education, outreach and research in IPY](#)

10:30 - 11:00 **Refreshment Break**

11:00 - 12:30 [LM10.1-2 Plate tectonics and polar gateways in the Earth system - with Invited Session Speaker](#)

[LM10.1-7 Polar/global atmospheric linking processes: Polar aerosols - sources and impacts](#)

[LM10.1-8 Contaminants in polar physical and biological environment, humans and climate influence](#)

[LM10.2-1 Climate and paleoclimate dynamics and processes](#)

[LM10.2-3 Snow and ice dynamics and processes](#)

[LM10.2-4 Permafrost on a warming planet](#)

[LM10.2-5 From land to ocean: Hydrological, coastal, nearshore and upper shelf processes in Polar Regions](#)

[LM10.2-6 Ocean physical and geochemical dynamics and processes](#)

[LM10.3-3 Arctic and subArctic connections: Ecosystems and biodiversity - with Invited Session Speaker](#)

[LM10.3-5 Arctic and Antarctic freshwater ecosystems](#)

[LM10.3-6 Impact of climate change on polar terrestrial ecosystems](#)

[LM10.4-3 History of polar Exploration, cooperation, research and logistics - with Invited Session Speaker](#)

[LM10.4-4 Communities and change](#)

[LM10.5-2 Polar observing systems](#)

[LM10.5-4 Data and other cross-cutting issues for future polar research](#)

[LM10.6-1 Learning together: The impacts of integrating education, outreach and research in IPY](#)

12:30 - 14:00 **Lunch**

13:30 - 13:55 [Plenary Lecture - Risk analysis for Arctic operations](#)

14:00 - 16:00 [EA10.1-2 Plate tectonics and polar gateways in the Earth system](#)

[EA10.1-4 Polar climate feedbacks, amplification, and teleconnections, including impacts on mid-latitudes](#)

[EA10.1-8 Contaminants in polar physical and biological environment, humans and climate influence](#)

[EA10.2-1 Climate and paleoclimate dynamics and processes](#)

[EA10.2-2 Troposphere and stratosphere dynamics and processes and their links with climate - with Invited Session Speaker](#)

[EA10.2-3 Snow and ice dynamics and processes](#)

[EA10.2-4 Permafrost on a warming planet](#)

[EA10.2-5 From land to ocean: Hydrological, coastal, nearshore and upper shelf processes in Polar Regions](#)

[EA10.2-6 Ocean physical and geochemical dynamics and processes - with Invited Session Speaker](#)

[EA10.3-3 Arctic and subArctic connections: Ecosystems and biodiversity - with Invited Session Speaker](#)

[EA10.3-6 Impact of climate change on polar terrestrial ecosystems - with Invited Session Speaker](#)

[EA10.4-1 Human health and well-being in the Polar Regions](#)

[EA10.4-4 Communities and change](#)

[EA10.5-4 Data and other cross-cutting issues for future polar research](#)

Posters

16:00 - 17:30 [Poster Session PS2 - Section A](#)

[Poster Session PS2 - Section B](#)

[Poster Session PS2 - Section C](#)

[Poster Session PS2 - Section D](#)

[Poster Session PS2 - Section E](#)

[Poster Session PS2 - Section F](#)

Business Meetings and Side Events

16:45 - 18:30 [Theme Wide Activity - History of Polar Social Sciences](#)

17:00 - 19:00 [Arctic Biodiversity Trends 2010: Selected indicators of change](#)

20:00 - 22:00 [MEOP Data Management](#)

09:00 - 17:00 [Sixth IPY Space Task Group Meeting](#)

10:00 - 12:00 [ICED \(Integrating Climate and Ecosystem Dynamics\)](#)

19:00 - 20:30 [SCAR Social Science Action Group Meeting](#)

16:00 - 17:30 [Polar Information Commons Progress Meeting](#)

Friday 11 June

08:45 - 09:20 [PL4 Plenary Lecture](#)

09:30 - 10:30 [EM11.1-2 Plate tectonics and polar gateways in the Earth system](#)

[EM11.1-4 Polar climate feedbacks, amplification, and teleconnections, including impacts on mid-latitudes](#)

[EM11.2-1 Climate and paleoclimate dynamics and processes - with Invited Session Speaker](#)

[EM11.2-2 Troposphere and stratosphere dynamics and processes and their links with climate](#)

[EM11.2-3 Snow and ice dynamics and processes](#)

[EM11.2-4 Permafrost on a warming planet - with Invited Session Speakers](#)

[EM11.2-5 From land to ocean: Hydrological, coastal, nearshore and upper shelf processes in Polar Regions](#)

[EM11.2-6 Ocean physical and geochemical dynamics and processes - with Invited Session Speaker](#)

[EM11.3-4 - Processes in polar deep-sea benthic biodiversity](#)

[EM11.3-6 Impact of climate change on polar terrestrial ecosystems - with Invited Session Speaker](#)

[EM11.3-7 - Integrated processes in leads and polynyas](#)

[EM11.4-1 Human health and well-being in the Polar Regions - with Invited Session Speaker](#)

[EM11.4-2 Natural resource exploration and utilisation](#)

[EM11.4-3 History of polar Exploration, cooperation, research and logistics](#)

[EM11.6-3 Adventures in the field: Impacts of field programs for students, teachers, artists, writers and others -](#)

Panel Session

EM11.6-4 Global learning: The impact of the media

EM11.6-5 Information initiatives and polar inspiration: IPY in museums, art, films, books and drama with Invited Session Speaker

10:30 - 11:00 **Refreshment Break**

11:00 - 12:30 LM11.1-4 Polar climate feedbacks, amplification, and teleconnections, including impacts on mid-latitudes

LM11.2-1 Climate and paleoclimate dynamics and processes

LM11.2-2 Troposphere and stratosphere dynamics and processes and their links with climate - with Invited Session Speaker

LM11.2-3 Snow and ice dynamics and processes

LM11.2-4 Permafrost on a warming planet

LM11.2-5 From land to ocean: Hydrological, coastal, nearshore and upper shelf processes in Polar Regions

LM11.2-6 Ocean physical and geochemical dynamics and processes

LM11.3-3 Arctic and subArctic connections: Ecosystems and biodiversity

LM11.3-4 Processes in polar deep-sea benthic biodiversity

LM11.3-6 Impact of climate change on polar terrestrial ecosystems

LM11.4-1 Human health and well-being in the Polar Regions

LM11.4-2 Natural resource exploration and utilisation

LM11.4-3 History of polar exploration, cooperation, research and logistics

LM11.6-3 Adventures in the field: Impacts of field programs for students, teachers, artists, writers and others - Panel Session

LM11.6-4 Global learning: The impact of the media

LM11.6-5 Information initiatives and polar inspiration: IPY in museums, art, films, books and drama

12:30 - 14:00 **Lunch**

14:00 - 16:00 EA11.1-4 Polar climate feedbacks, amplification, and teleconnections, including impacts on mid-latitudes

EA11.1-6 Arctic and Antarctic marine chemistry: The role of the polar oceans in global carbon cycling and acidification

EA11.2-2 Troposphere and stratosphere dynamics and processes and their links with climate

EA11.2-3 Snow and ice dynamics and processes

EA11.2-4 Permafrost on a warming planet

Parallel session EA11.3-1 Ecosystems change in Pacific Arctic in relation to the Pan-Arctic system - with Invited Speaker Session

EA11.3-2 Invasive and introduced species in polar environments

EA11.3-3 Arctic and subArctic connections: Ecosystems and biodiversity

EA11.3-6 Impact of climate change on polar terrestrial ecosystems

EA11.3-7 Integrated processes in leads and polynyas

EA11.4-1 Human health and well-being in the Polar Regions - with Invited Session Speaker

EA11.4-2 Natural resource exploration and utilisation

EA11.5-1 New frontiers and directions in biology, ecology and biodiversity

EA11.6-3 Adventures in the field: Impacts of field programs for students, teachers, artists, writers and others - Panel Sessions

EA11.6-5 Information initiatives and polar inspiration: IPY in museums, art, films, books and drama with Invited Session Speaker

Posters

- 16:00 - 17:30 [Poster session PS3 - Section A](#)
[Poster session PS3 - Section B](#)
[Poster session PS3 - Section C](#)
[Poster session PS3 - Section D](#)
[Poster session PS3 - Section E](#)
[Poster session PS3 - Section F](#)

Business Meetings and Side Events

- 16:45 - 18:30 [Theme Wide Activity - Indigenous people and the social and cultural sciences](#)
17:00 - 19:00 [APECS Research and Activities Committee Meeting](#)

Saturday 12 June

- 08:30 - 09:40 [Closing Ceremony IPY and PL5 Plenary Lecture](#)
09:45 - 10:45 [EM12.1-4 Polar climate feedbacks, amplification, and teleconnections, including impacts on mid-latitudes](#)
[EM12.1-5 Polar contribution to sea level rise](#)
[EM12.1-6 Arctic and Antarctic marine chemistry: The role of the polar oceans in global carbon cycling and acidification](#)
[EM12.2-2 Troposphere and stratosphere dynamics and processes and their links with climate](#)
[EM12.2-3 Snow and ice dynamics and processes](#)
[EM12.2-5 From land to ocean: Hydrological, coastal, nearshore and upper shelf processes in Polar Regions](#)
[EM12.3-1 Ecosystems change in Pacific Arctic in relation to the Pan-Arctic system](#)
[EM12.3-2 Invasive and introduced species in polar environments](#)
[EM12.4-1 Human health and well-being in the Polar Regions](#)
[EM12.4-2 Natural resource exploration and utilisation](#)
[EM12.5-1 New frontiers and directions in biology, ecology and biodiversity](#)
[EM12.6-5 Information initiatives and polar inspiration: IPY in museums, art, films, books and drama](#)
10:45 - 11:15 **Refreshment Break**
11:15 - 12:45 [LM12.1-5 Polar contribution to sea level rise](#)
[LM12.1-6 Arctic and Antarctic marine chemistry: The role of the polar oceans in global carbon cycling and acidification](#)
[LM12.2-2 Troposphere and stratosphere dynamics and processes and their links with climate - with Invited Session Speaker](#)
[LM12.2-3 Snow and ice dynamics and processes](#)
[LM12.2-5 From land to ocean: Hydrological, coastal, nearshore and upper shelf processes in Polar Regions](#)
[LM12.3-1 Ecosystems change in Pacific Arctic in relation to the Pan-Arctic system](#)
[LM12.4-1 Human health and well-being in the Polar Regions](#)
[LM12.4-2 Natural resource exploration and utilisation](#)
[LM12.5-1 New frontiers and directions in biology, ecology and biodiversity](#)
[LM12.6-5 Information initiatives and polar inspiration: IPY in museums, art, films, books and drama](#)

13:00 - 13:45 [Plenary Lecture](#)

Lunch

13:45 - 14:45 Plenary Lecture and Closing of the IPY Oslo Science Conference 2010

Business Meetings and Side Events

14:00 - 18:00 [Pacific Arctic Group \(PAG\) Lead Author Meeting](#)

[EOC Sub-Committee Meeting](#)

12:30 - 17:00 [Education and Outreach Meeting](#)

Sunday 13 June

09:00 - 17:30 [GEOSS-IPY Science: The Evolving Role of Data Management in Polar Climate Science](#)

Monday 14 June

09:00 - 17:30 [GEOSS-IPY Science: The Evolving Role of Data Management in Polar Climate Science](#)