



INTERNATIONAL POLAR YEAR
OSLO SCIENCE CONFERENCE
 2010 8-12 JUNE

- International and interdisciplinary polar science
- Endorsed by the IPY Joint Committee.
- Will demonstrate, strengthen, and extend IPY's remarkable accomplishments in science and outreach.

Polar Science - Global Impact



Theme 1 Linkages between Polar Regions and global systems	Theme 2 Past, present and future changes in Polar Regions	Theme 3 Polar ecosystems and biodiversity	Theme 4 Human dimensions of change: health, society and resources	Theme 5 New frontiers, data practices, and directions in polar research	Theme 6 Polar science education, outreach and communication
T1-1 Polar Oceans and their importance for global ocean circulation	T2-1 Climate and paleo-climate dynamics and processes	T3-1 Chemosynthetic ecosystems in polar waters	T4-1 Human health and well-being in the Polar Regions	T5-1 New frontiers and directions in biology, ecology and biodiversity	T6-1 Learning together: The impacts of integrating education, outreach and research in IPY
T1-2 Plate tectonics and polar gateways in earth history	T2-2 Troposphere and stratosphere dynamics and processes and their links with climate	T3-2 Invasive and introduced species in polar environments	T4-2 Natural resource exploration and utilisation	T5-2 New frontiers and directions in observing and technologies	T6-2 Incorporating polar science into formal education
T1-3 Chemical exchanges between snow, ice, atmosphere and ocean in Polar Regions	T2-3 Snow and ice dynamics and processes	T3-3 Arctic-subArctic connections: Ecosystems and biodiversity	T4-3 History of polar exploration, cooperation, research and logistics	T5-3 New frontiers and directions in subglacial exploration	T6-3 Adventures in the field: Impacts of field programs for students, teachers, artists, writers and others
T1-4 Polar climate feedbacks, amplification, and teleconnections, including impacts on mid-latitudes	T2-4 Permafrost on a warming planet	T3-4 Processes in polar deep-sea benthic biodiversity	T4-4 Communities and change	T5-4 Data and other cross-cutting issues for future polar research	T6-4 Global learning: The impact of the media
T1-5 Polar contribution to sea level rise	T2-5 From land to ocean: Hydrological, coastal, near-shore and upper shelf processes in Polar Regions	T3-5 Arctic and Antarctic freshwater ecosystems	T4-5 Polar lessons: Arctic and Antarctic governance and economics		T6-5 Informal initiatives and polar inspiration: IPY in museums, art, films, books and drama
T1-6 Arctic and Antarctic marine chemistry: The role of the polar oceans in global carbon cycling and acidification	T2-6 Ocean physical and geochemical dynamics and processes	T3-6 Impact of climate change on polar terrestrial ecosystems	T4-6 Human impacts in the Arctic and Antarctic: Environmental and management implications		T6-6 PolarCINEMA
T1-7 Polar/global atmospheric linking processes: Polar aerosols - sources and impacts	T2-7 Solid earth geophysical and geochemical processes	T3-7 Integrated processes in leads and polynyas			
	T2-8 Heliosphere impact on geospace	T3-8 Ecosystems of the Southern Ocean			



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Deadline for abstract submissions: 20th January 2010

www.ipy-osc.no