

حوار المعرفة العالمي مسقط
Muscat Global Knowledge Dialogue



International Polar Year 2032-2033

From Concept to Action

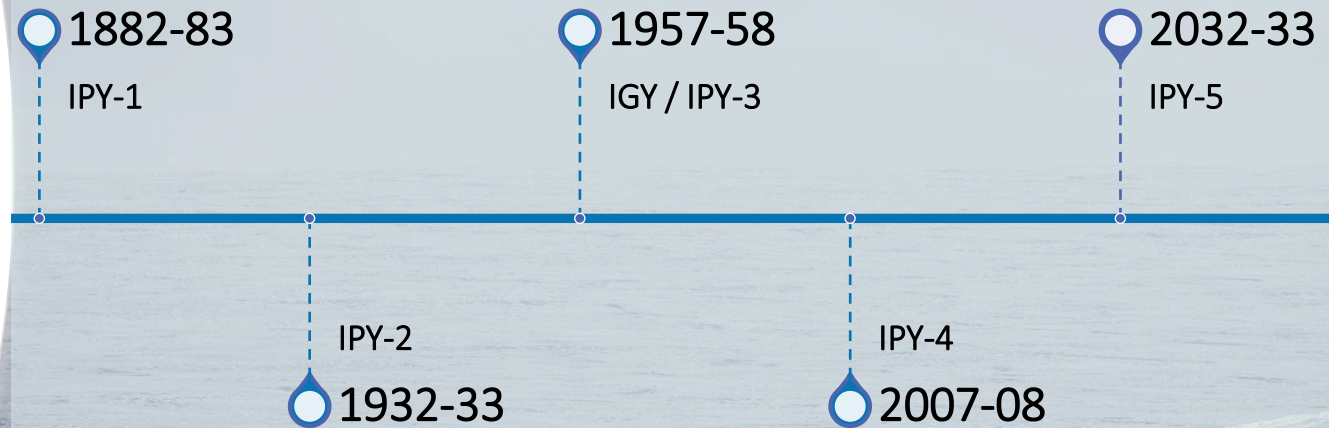
Photo: Ireneusz Sobota

IPY-5: A crucial new phase in organising regular IPYs

Building on:

- 4 groundbreaking IPYs convened between 1881 - 2009
- millenia of Indigenous People's knowledge production

→ long chain of coordinated polar research and credible scientific evidence on socio-ecological changes in the polar regions



An aerial photograph of a snowy field, likely an ice sheet or glacier. The image shows numerous tracks from vehicles or sleds crisscrossing the snow. Several pieces of equipment, including what appear to be snow machines or generators, are scattered across the landscape. Long shadows are cast across the snow, indicating a low sun position. The overall scene depicts a field operation in a high-latitude, cold environment.

Initial Planning Phase (2021 – 2025)

- **Early 2021:** Discussions among several International, Arctic and Antarctic organisations started
- **December 2022:** Joint Statement on the 5th IPY from IASC and SCAR in cooperation with WMO, ISC, UArctic, IASSA, APECS and other partners
- **October 2023:** Initial IPY Concept Note published

Updated IPY-5 Concept Note 2024

- Published during the Arctic Circle Assembly 2024
- IPY-5 website: www.ipy5.info
- IPY-5 Logo

UPDATED CONCEPT NOTE
OCTOBER 2024



International Polar Year 2032–33

Why an International Polar Year (IPY) in 2032–33?

Extreme weather, increasing temperatures, sea level rise, and devastating events such as droughts, floods, and wildfires are becoming ever more prevalent and severe across the globe. At the same time, ongoing processes of ocean warming, sea-level rise, ocean acidification, and sea-ice change are negatively impacting ecosystems, economies, the rights, and livelihoods of Indigenous Peoples, and human wellbeing around the world. Many of these changes are taking shape faster than predicted.

As the United Nations Intergovernmental Panel on Climate Change's (IPCC) 6th Assessment Report points out, several of the more serious global consequences are linked to unprecedented changes in the Arctic and Antarctic ('polar regions'). The urgency of understanding the consequences of such rapid changes in the polar regions for global climate, biodiversity, and human societies has never been greater. The transformations in the polar regions (particularly the Arctic) also highlight a need to articulate and elevate the critical status, rights and roles of Indigenous Peoples and their



knowledge systems with respect to understanding, addressing and adapting to these changes. Global transdisciplinary coordination focused on the polar regions is therefore essential to achieving the major knowledge breakthroughs that are required to inform and develop effective international, regional, national, and local strategies to mitigate and adapt to the recent unprecedented levels of global change.

In this context, there is an urgent need to organise a 5th International Polar Year ("IPY-5") in 2032-33.

Organisations involved in the IPY Planning Group



IPY-5 Planning Timeline

IPY Planning Structure

- IPY Executive Committee (IASC, SCAR, WMO and ISC)
- IPY Planning Group of international organisations
 - Task Groups to work on specific aspects of the planning process
- Interim IPY Secretariat provided by the IASC and SCAR Secretariats with support of other partners ...no dedicated IPY Secretariat yet!

Organisations currently involved in the IPY Planning Group:



IPY Task Groups

Several Task Groups are being set up to work on specific issues, these will report back to the IPY Planning Group periodically. The four initial task groups are:

- Task Group 1: **Vision and Priorities for IPY**
- Task Group 2: **IPY Indigenous Leadership and Involvement Coordination**
- Task Group 3: **Country and Funders Involvement**
- Task Group 4: **Capacity Building and Early Career Coordination**



How to get involved?

Interested stakeholders can get involved in the IPY planning process in several ways:

- Participating in the **IPY Planning Group** and **Task Groups**
- Contributing to upcoming town hall meetings / fora held among others at upcoming polar conferences or online
- Sharing ideas and suggestions of how to contribute to the planning, delivery and legacy of the International Polar Year



Call for organisations to join the IPY Planning Group

- Open-ended call for international and regional organisations to join the IPY Planning Group was issued in **July 2024**.
- directed at **regional or international organisations / unions / associations** (scientific, Indigenous, educational, etc.) that
 - work on / in the polar regions, including organisations working to deliver/enable science in the polar regions (e.g., logistics), and
 - are committed to contributing directly and long-term to the planning and delivery of the IPY 2032-33.





Next steps

- 2024 and 2025: Public consultations and engaging polar stakeholders, rightsholders and the research community in defining and shaping the plans and visions for the IPY
- 2025: Identifying a host and funding for the IPY Secretariat
- Until end of 2025: Defining the ramp-up Period (2026 – 2031) for the IPY

www.ipy5.info



Contact the Interim IPY Secretariat:

ipy-secretariat@iasc.info