

List of IPY project proposals where Belgium is participating

1. POLARSTERN expedition “HERMES - the Nordic margin” in the framework of the EU funded Integrated Project HERMES (Hotspot Ecosystem Research on the Margins of European Seas) (ID No 22)
2. Climate of the Arctic and its role for Europe/Arctic System Reanalysis (ID No. 28)
3. POLar study using Aircraft, Remote sensing, surface measurements and modelling of Climate, chemistry, Aerosols and Transport (POLARCAT) (ID No. 32)
4. Impact of CLImate induced glacial melting on marine and terrestrial COastal communities on a gradient along the Western Antarctic PENinsula (ID No.34)
5. International Polar Year GEOTRACES: An international study of the biogeochemical cycles of Trace Elements and Isotopes in the Arctic and Southern Oceans (ID No. 35)
6. Developing Arctic Modelling and Observing Capabilities for Long-term Environmental Studies (ID No. 40)
7. Subglacial Antarctic Lake Environments – Unified International Team for Exploration and Discovery (ID No. 42)
8. A Census of Antarctic Marine Life (ID No. 53)
9. Antarctic Climate Evolution (ID No. 54)
10. Microbiological and Ecological Responses to Global Environmental Changes in Polar Regions (ID No. 55)
11. Terrestrial ecosystems in ARctic and ANTArctic: Effects of UV Light, Liquefying ice, and Ascending temperatures (ID No.59)
12. ANDEEP – SYSTCO (ANTarctic benthic DEEP-sea biodiversity: colonisation history and recent community patterns – SYSTEM COUpling) (ID No. 66)
13. Network for ARCTic Climate and Biological DIVersity Studies (ID No. 72)
14. Ozone layer and UV radiation in a changing climate evaluated during IPY (ID No.99)
15. IPY in the Antarctic Peninsula – Ice and Climate [The APY, APICS, GLABENAP, and TRAPIS Expressions of Intent] (ID No.107)
16. The Greenland Ice Sheet – Stability, History and Evolution (ID No. 118)
17. Improved numerical weather forecasting and climate simulations by exploitation of in-situ, airborne remote-sensing and satellite data, advanced modelling systems and basic research into polar processes and into polar-global interactions. (ID No. 121)
18. Astronomy from the Polar Plateaus (ID No. 124)
19. Climate of Antarctica and the Southern Ocean – Ocean Circulation Cluster (ID No. 132)
20. Evolution and Biodiversity in the Antarctic: the Response of Life to Change (ID No. 137)
21. Antarctic Sea Ice in International Polar Year (ID No. 141)
22. International Polar Year Youth Steering Committee (IPY YSC) (ID No. 168)
23. Polar Earth Observing Network (ID No. 185)
24. The Sixth Continent Initiative - Capacity Building in Antarctic Scientific Research (ID No. 191)
25. Environmental baselines, processes, changes and Impacts on people in sub-arctic Sweden and the Nordic Arctic Regions (ID No. 213)
26. Equitable sharing of benefits from genetic resources in Antarctica (ID No. 236)
27. Comprehensive Meteorological dataset of active IPY Antarctic measurement phase for Scientific and applied Studies (ID No. 267)
28. Brucella-infections in seals: Zoonotic potential of marine Brucella sp. and the combined effect of infection and exposure to persistent organic pollutants (ID No. 314)
29. Integrated Communication, Education and Evaluation (ID No. 328)
30. Measurement and Attribution of recent Greenland Ice sheet chaNgeS (MARGINS) (ID No. 339)
31. Search for meteorites in Dronning Maud Land (ID No. 340)
32. Students on Ice-IPY Youth Expeditions to the Arctic and Antarctic (ID No. 343)
33. Towards an international astronomical observatory at Dome C in Antarctica (ID No. 385)