

IPY IPA Coordinated Projects (March 2, 2006)

Project 50: Permafrost Observatory Project - Thermal State of Permafrost

- United States/Norway: IPA Thermal State of Permafrost: The IPA Contribution to an International Network of Permafrost Observatories (INPO) (Brown) EoI 125
- Canada-103: The Thermal State of Permafrost (TSP): A Canadian contribution to the International Permafrost Association's International Polar Year Project (Smith) EoI 651
- Canada-99: Scientific Drilling to Investigate Geology, GeoMechanics, Gas Hydrates and Microbiology of Deep Permafrost (Dallimore) EoI 718
- Canada: Vulnerability of Ice-Cored Environments (VICE) (Pollard) EoI 1095
- Denmark: Effect of Climate Changes on Permafrozen Periglacial Environments in Greenland (Mikkelsen) EoI 738
- Germany: From the beginning of the Pliocene cooling to the modern warming- Past Permafrost Records in Arctic Siberia (Schirrmeyer) EoI 15
- Japan: Trans-Northeastern Siberian Permafrost Observatories (TNES/PO) (Ishikawa) EoI 987
- Japan: Response of Permafrost to climatic Change (Harada) EoI 836
- Korea: Heat and Mass Transfer Mechanisms of the Active Layer in the Antarctic and Arctic (Han) EoI 492
- Norway: Monitoring, dating and modelling cold-climate slope processes in the European polar mountains 2007-2009 (CRYOSLOPE) (Christiansen) EoI 1089
- Poland: Fundamental causes of local climates as the basis of ecosystem differentiation and dynamics on the area of West Spitsbergen, Svalbard (TOPOCLIM) (Migala) EoI 253.
- Portugal: The Thermal State of Permafrost (TSP): A Contribution from Portugal to an International Network of Permafrost Observatories (INPO) (Vieira) EoI 140
- Russia: Thermal State of Permafrost in Russia: The Contribution to an International Network of Permafrost Observatories (INPO) (Vasiliev) EoI 799
- Russia: North-Asia permafrost: evolution and interaction with atmosphere and hydrosphere (Zhang) EoI 431
- Spain: The Thermal State of Permafrost (TSP): A Contribution from Spain to an International Network of Permafrost Observatories (Miguel) EoI 230
- United Kingdom: Permafrost and Climate in the European North Atlantic Sector (PolarPace) (Harris) EoI 175
- United States: The Thermal State of Permafrost: A U.S. Contribution to the International Network of Permafrost Observatories (INPO) (Romanovsky) EoI 1004
- United States: The Circumpolar Active Layer Monitoring Program: An IPA Contribution to the International Polar Year (IPA CALM) (Nelson) EoI 439
- United States: Permafrost Dynamics Due To Historical Vegetation Removal and Subsequent Re-growth at Farmers Loop Road Experiment Station, Fairbanks, Alaska (Bjella) EoI 1002
- United States: Adaptation of Transportation Infrastructure on Degrading Permafrost (TIP) (Zubeck) EoI 1103

Project 33: Antarctic and sub-Antarctic Permafrost, Periglacial and Soil Environments (ANTPAS)

- Sweden: Antarctic and sub-Antarctic Permafrost, Periglacial and Soil Environments (ANTPAS) (Boelhouwers) EoI 627
- Argentina: Antarctic permafrost and climate change (Yermolin) EoI 191 (project 239)
- Canada-185: Canadian Antarctic Research Program (CARP) (Pollard) EoI 650
- Canada: Vulnerability of Ice-Cored Environments (VICE) (Pollard) EoI 1095
- Korea: Heat and Mass Transfer Mechanisms of the Active Layer in the Antarctic and Arctic (Han) EoI 492
- Poland: Arctic and Antarctic denudation system under climatic changes and human impacts (ANRANDES) (Kostrzewski) EoI 65
- Portugal: Antarctic and sub-Antarctic Permafrost, Periglacial and Soil Environments. A contribution from Portugal to the international proposal ANTPAS (Vieira) EoI 316
- Spain: Permafrost, soils and periglacial processes in the Antarctic Peninsula region. Spanish contribution to the international proposal ANTPAS (Lopez-Martinez) EoI 228
- Spain/Argentina: Permafrost, soil, periglacial processes in the sub Antarctic region (Tierra del Fuego and Staten Islands): Spanish-Argentina contribution to ANTPAS (Perez-Alberti) (Project 245)
- Russia: Antarctic Permafrost Age - Implications to the Earth and Planetary Geo/Bio Sciences (ANTPAGE) (Gilichinsky) EoI 357
- Russia: Study of Sub-Antarctic Islands Natural Complexes (Lagun) EoI 824

Project 90: Arctic Circumpolar Coastal Observatory Network (ACCO-Net)

- Germany: Arctic Circumpolar Coastal Observatory Network (ACCO-Net) (Overduin) EoI 182
Canada-27: Canadian Arctic Network of Coastal Observatories (CANCO) (Allard) EoI 464
Canada-79: Development of Ocean Modelling Capacity for Simulating the Canadian North, and Arctic-Atlantic Links (Myers) EoI 666
Canada-102: Freshwater Flux in the Canadian terrestrial and oceanic polar regions (Prinsenber) EoI 682
Canada-242: The Hudson Bay Complex Observatory (HBCO): an Integrated Observation / Modelling System for Detecting, Following and Predicting Ecosystem Changes in the Hudson Bay complex (Starr) EoI 975
Canada-254: Impacts of Surface Fluxes on Arctic Climate (Perrie) EoI 990
Canada: Climate change and permafrost impacts on high arctic watershed fluxes: Cape Bounty, Melville Island experimental watershed observatory (Lamoureux) EoI 1116
Denmark: Greenland Sea Levels (Knudsen) EoI 761
Russia: Coastal cryolithozone of Russian Arctic (CoCRA) (Vasiliev) EoI 391
Russia: Assessment of the fluxes of dissolved and particulate materials delivered by the rivers of the Russian Arctic into the Arctic Ocean (Gordeev) EoI 374
United States: Evaluation of final export of carbon and other bioactive suspended and dissolved elements to the Arctic based on detailed modern hydrological (ADCP and CTD) and water chemistry study of Lena and Mackenzie Deltas (Karabanov) EoI 314
United States: The biogeochemistry of methyl mercury in the coastal Arctic Ocean and its relevance to human health (Amon) EoI 366
United States: Distributed, Variable Frequency Sampling of Biogeochemical Tracers in Major Eurasian Arctic Rivers (Peterson) EoI 826
United States: STUDENT-PARTNERS: A Pan-Arctic Science and Education Collaboration (Holmes) EoI 534

Project 373: Carbon Pools in Permafrost Regions (CAPP) (partial list)

- Sweden: Carbon Pools in Permafrost Regions (CAPP) (Kuhry)
Australia: PERmafrost and Carbon Emissions (PEACE) (Canadell) EoI 882
Russia: Response of Arctic and Subarctic soils in a changing Earth: dynamic and frontier studies (RACSHER) (Goryachkin) Project 262
United States: Biodiversity of soil meso- and macro- fauna and latitudinal gradient impact assessment along the proposed Alaska gas pipeline (SFIA) (Boone) Project 216

Cross Cutting IPA Projects

- Norway: The International University Course on High Arctic Landscape Dynamics in Svalbard, Peary Land and Ellesmere Island (In Spe) (Christiansen) EoI 24
Germany: Permafrost Young Research Network (PYRN) (Hugues) (EoI 1111)

Directly Related Projects (partial list)

- Iceland: Arctic Hydrological Cycle Monitoring, Modelling and Assessment Program (Arctic-Hydra) (Snorrason) Project 104
Japan: Coordinated Enhanced Observing Period in the International Polar Year (CEOP-IPY) (Koike) (Project 418)
Sweden: Environmental baseline, processes, changes and impacts on people in sub-arctic Sweden and the Nordic Arctic regions (ENVISNAR) (Callaghan) (Project 213)
Sweden: Retrospective and Prospective Vegetation Change in the Polar Regions: Back to the Future (BTF) (Callaghan) EoI 512 (Project 214)
Sweden: Consortium for coordination of Observation and Monitoring of the Arctic for Assessment and Research (COMAAR) (Callaghan) Project 305
United Kingdom: Circum-Arctic Terrestrial Biodiversity Initiative (CAT-B) (Wookey) (Project 383)
United States: IPY Data and Information Service (DIS) for Distributed Data Management (Parsons) (Project 49)
United States: The State and Fate of the Polar Cryosphere (Key) EoI 607 (Project 105)
United States: Cold land processes in the Northern Hemisphere (Groisman) EoI 392 (Project 138)
United States: Greening of the Arctic: Circumpolar arctic biomass (GOA) (Walker) EoI 569 (Project 139)
United States: Study of Environmental Arctic Change (SEARCH) (Schlosser) EoI 916