

The Enduring Legacy of IPY in Canada: Sharing The Data

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ArcticNet and the Canadian Cryospheric Information Network have been working with the Canadian International Polar Year Project Office to develop the Polar Data Catalogue. Through this catalogue we have led the initiative in Canada to manage Environmental data according to international protocols to ensure global discovery and exchange.

The PDC has evolved into the metadata portal for the Canadian International Polar Year scientists, the National Contaminants Program and the Radarsat Polar Science Dataset of the Canadian Space Agency, amongst others.

We discuss the guiding principles in the development of the Polar Data Catalogue in the context of comparable activity within the International Polar Year, the World Meteorological Organization and the Polar Data Commons. As we evolve, we must consider the challenging issues of professional data management. These include stewardship of the data, tracking provenance of the data and ensuring access with changing technologies.