

Is single-window data search a myth or can it be made real?

Developing Federated Search for Polar Oceanographic and Terrestrial Data

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POLDER: Polar Data Discovery Enhancement Research

Polder (Dutch verb): to work collaboratively to achieve a common goal.

Science communities have long asked for a single-window search to aid in data discovery and access

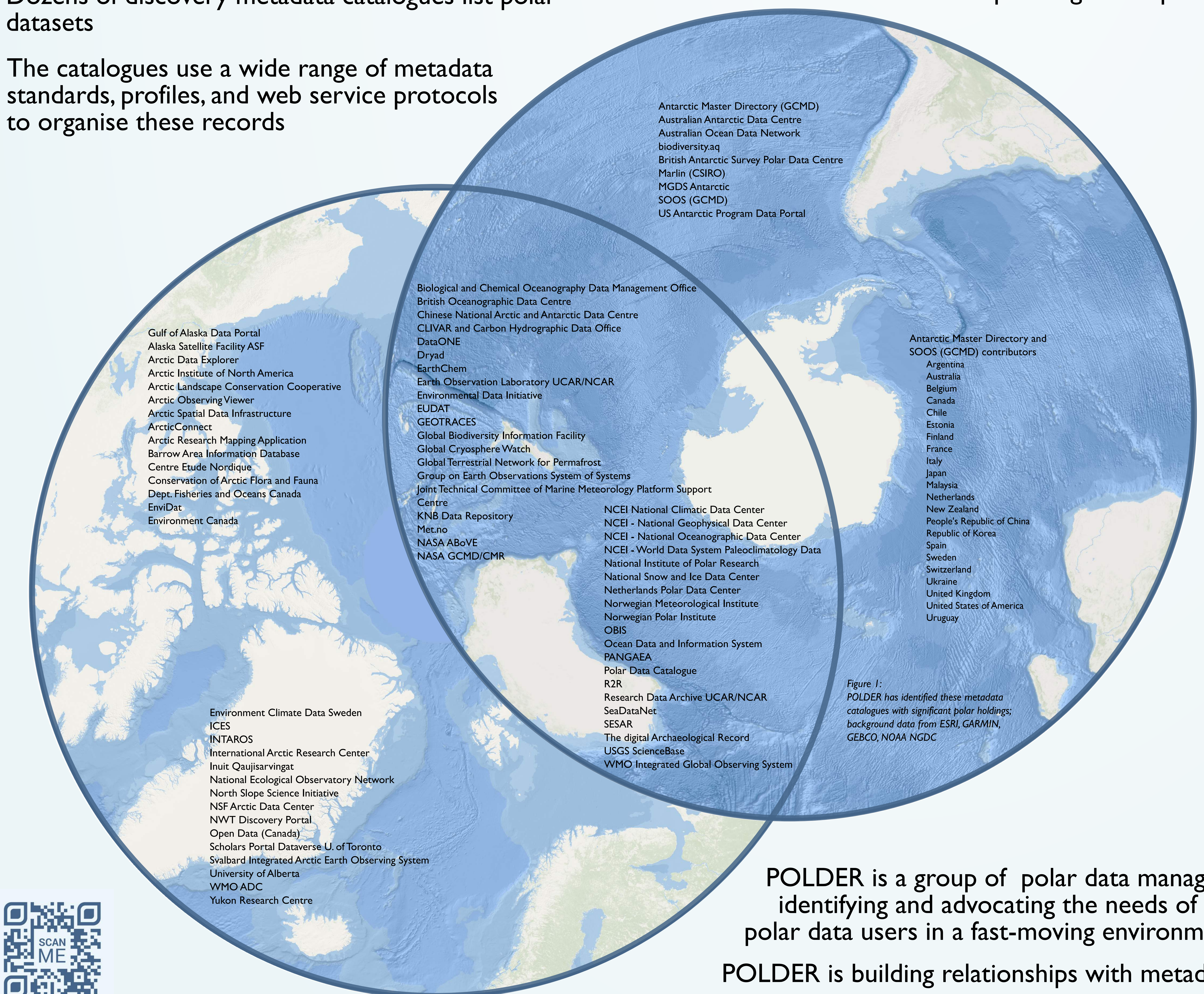
But polar data management efforts have historically been siloed by national or discipline boundaries

Dozens of discovery metadata catalogues list polar datasets

The catalogues use a wide range of metadata standards, profiles, and web service protocols to organise these records

This variety of approaches has historically made federation and aggregation of catalogues challenging

These problems are not unique to polar regions, but the preexisting community relationships in polar data management make it a sensible scale for coordinating needs and planning developments



To get involved, please visit
<https://polder.info>

POLDER is a group of polar data managers identifying and advocating the needs of the polar data users in a fast-moving environment

POLDER is building relationships with metadata federation and discovery projects, such as GEOSS, DataONE, Arctic Data Explorer, and schema.org

Through coordination on metadata exchange, POLDER can make data more FAIR: Findable, Accessible, Interoperable, and Reusable