DIRECT DATA ACCESS
WEB SERVICES

IMOS

Integrated **Marine Observing** System

Metadata Services

OAI-PMH

OAI-PMH (Open Archives Initiative Protocol for Metadata Harvesting) is a protocol developed by the Open Archives Initiative. It is used to harvest (or collect) the metadata descriptions of the records in an archive so that services can be built using metadata from many archives. An implementation of OAI-PMH must support representing metadata in Dublin Core, but may also support additional representations. The AODN, for example, also supports RIF-CS.

The AODN OAI-PMH service is provided via **GeoNetwork**.

Geonetwork

The GeoNetwork open source project is a free and open source cataloguing application for spatially referenced resources. It is a catalogue of location-oriented information.

Access GeoNetwork instances directly:

- IMOS GeoNetwork contains all IMOS metadata and the IMOS collections which are published in the AODN Portal.

- AODN GeoNetwork contains all AODN metadata and all the AODN collections published in the AODN portal.

- Portal GeoNetwork contains all data collections that are published in the AODN Portal.

Please refer to the GeoNetwork documentation for details of how to search within the GeoNetwork catalogues.

OGC Catalog Service for the Web (CSW)

'Catalog Service for the Web' (CSW) is an OGC standard that supports the ability to publish and search collections of descriptive information (metadata) for data, services, and related information objects.

The Geonetwork CSW end point exposes the metadata records in a Geonetwork catalogue in XML format using the OGC CSW protocol. An example of CSW Get Capabilities request from the IMOS GeoNetwork catalogue is **here**.