

# How to make metadata and data available in INSPIRE Priority Dataset Viewer?

Finnish experiences (NLSfi and Finnish Environmental Agency)

# Organization roles

- NLSfi
  - INSPIRE implementation supporting body
  - National INSPIRE discovery service (Geonetwork 3.4.2) maintenance and development
  - Task of NLSfi was to import the Priority Dataset codelist to the discovery service
- Finnish Environmental Agency
  - One of the most active and advanced Finnish organizations in INSPIRE implementation
  - Responsible for many Finnish environmental datasets that are considered as Priority Datasets
  - Task was to
    - Add PD keywords to the dataset metadata with discovery service metadata editor (provided by NLSfi)
    - Add INSPIRE-conformant references from W\*F service capabilities and ATOM feeds to the dataset metadata

# Metadata

- One or more keywords from INSPIRE priority data set codelist has to be included in the metadata of the priority dataset
- Codelist can be downloaded from <http://inspire.ec.europa.eu/metadata-codelist/PriorityDataset>
  - Click "Switch to hierarchy view" and then download SKOS/RDF option appears
  - Check that dct:issued value is 2018-04-04
    - If the date is wrong or missing the metadata doesn't pass INSPIRE Geoportal validation ☹
- SKOS/RDF file can be uploaded to Geonetwork with the thesauri upload tool
  - Need to have GN version (probably 3.2 or newer) that supports hierarchical codelists
  - If the codelist is not translated to your language the default SKOS file won't work in your GN UI (doesn't show the labels) → need to translate values or duplicate English or some other values to your lang code
  - Attached transform.xsl duplicates the English values to Finnish and Swedish languages
- Keyword can be added to the metadata using GN's editor and by selecting from thesaurus "INSPIRE priority data set"
  - Remember also to change keyword type to "Anchor"
  - Attached example.xml contains example of valid Priority Dataset keyword and thesauri XML definition

# Data

- Datasets will be viewable and downloadable in the Priority Datasets Viewer if the references from W\*S service capabilities or/and ATOM feed to the dataset metadata are made correctly
- Examples with valid references to metadata with UUID eea8c157-33e3-4f71-b5db-7939222a790a
  - ATOM: <http://wwwd3.ymparisto.fi/d3/Atom/inspireatom.xml>
  - WMS: [http://paikkatieto.ymparisto.fi/arcgis/services/INSPIRE/SYKE\\_SuojellutAlueet/MapServer/WMServer?request=GetCapabilities&service=WMS&version=1.3.0](http://paikkatieto.ymparisto.fi/arcgis/services/INSPIRE/SYKE_SuojellutAlueet/MapServer/WMServer?request=GetCapabilities&service=WMS&version=1.3.0)