# Proposal of a metadata profile for the Mediterranean and discussion

SEMIDE – Expert workshop on metadata management & referential datasets

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# Requirements on metadata - EMWIS

- **1 : Being compatible with Inspire, WISE and Eurostat metadata specifications**
  - Ensure semantic/technical interoperability
- **2 : Enable multilingual searches**
  - Multilingual metadata sheets
- **3: Facilitate datasets identification**
  - A 2 levels based topic keyword -> 2 different keywords,
  - A 3 levels based place keyword -> 3 different keywords.

# Requirements on metadata – INSPIRE IRs

- Only main requirements having a direct impact on EMWIS definition of metadata structure are quoted.

## 1 : Implement metadata elements listed in the Implementing Rules (IRs) and respect their multiplicity

## 2 : Use at least one GEMET keyword

- *"If a resource is a spatial data set or spatial data set series, at least one keyword shall be provided from the general environmental multilingual thesaurus (GEMET) describing the relevant spatial data theme as defined in Annex I, II or III to Directive 2007/2/EC".*

# Requirements on metadata – INSPIRE IRs

- **3 : The metadata element 'Topic category' is Mandatory**
  - This element is a "*high-level classification scheme to assist in the grouping and topic-based search of available spatial data resources*" -> new code list for EMWIS.

- **4 : The value domain of each metadata element is necessary to ensure metadata interoperability in a multilingual context**
  - In relation to a particular domain, each value is defined by:

| numerical identifier | textual name for humans (will enable the translation) | language neutral name for computers |
|---|---|---|
| 2.12 | Inland Waters | inlandWaters |

# Requirements on metadata –WISE Profile

- **Latest WISE GIS Guidance (2008 11 17th):**
  - Defines that : *"Since the majority of WISE datasets and services will fall under the scope of INSPIRE, this guidance recommends the adoption of a profile which extends the INSPIRE metadata to include all those additional elements already agreed by the WISE community",*
  - "*Recommends the use of INSPIRE terminology for element names wherever possible, thus ensuring compatibility with metadata created in other environmental policy areas.*"

# Requirements on metadata –WISE Profile

- **Latest WISE GIS Guidance - 2008 11 17th**
  - Add 12 elements to INSPIRE. 3 of whom are mandatory
    - ‘Distribution format’: Provides a description of the format of the data to be distributed (ex : cd,…),
    - ‘Metadata standard name’: Name of the metadata standard used (including profile name),
    - ‘Metadata standard version’: Version (profile) of the metadata standard used.
    - WISE documentation should provide adequate standard text for the 2 last ones.

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# Metadata profile proposal - Profile

- Implement WISE profile -> compatibility with WISE & INSPIRE,
- WISE profile metadata elements,
- Manage various keyword lists to facilitate datasets identification,
- Narrow down other code lists content to EMWIS context wherever possible.

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# Questions / Discussion

## Questions

- Q1: Is the profile (i.e. metadata structure) proposed interoperable with existing profiles?
- Q2: Is the information available to fill-in the metadata proposed?