

Annex D (informative) Examples

This Annex provides examples of use metadata elements defined in Regulation 1205/2008/EC.

D.1 Examples on using metadata elements defined in Regulation 1205/2008/EC

D.1.1 Conformity

This metadata element will also allow data producers to report that a specific dataset fulfils INSPIRE requirements as well as obligations from particular legal regulation.

Conformity example:

```
<gmd:report>
  <gmd:DQ_DomainConsistency>
    <gmd:result>
      <gmd:DQ_ConformanceResult>
        <gmd:specification>
          <gmd:CI_Citation>
            <gmd:title>
              <gco:CharacterString>COMMISSION REGULATION (EU) No 1089/2010
of 23 November 2010 implementing Directive 2007/2/EC of the European Parliament and of the
Council as regards interoperability of spatial data sets and services</gco:CharacterString>
            </gmd:title>
            <gmd:date>
              <gmd:CI_Date>
                <gmd:date>
                  <gco>Date>2010-12-08</gco>Date>
                </gmd:date>
                <gmd:dateType>
                  <gmd:CI_DateTypeCode
codeList="http://standards.iso.org/ittf/PubliclyAvailableStandards/ISO_19139_Schemas/resources/Cod
elist/ML_gmxCodeLists.xml#CI_DateTypeCode"
codeListValue="publication">publication</gmd:CI_DateTypeCode>
                  </gmd:dateType>
                </gmd:CI_Date>
              </gmd:date>
            </gmd:CI_Citation>
          </gmd:specification>
          <gmd:explanation>
            <gco:CharacterString>See the referenced specification</gco:CharacterString>
          </gmd:explanation>
          <gmd:pass>
            <gco:Boolean>>false</gco:Boolean>
          </gmd:pass>
        </gmd:DQ_ConformanceResult>
      </gmd:result>
    </gmd:DQ_DomainConsistency>
  </gmd:report>
<gmd:report>
  <gmd:DQ_DomainConsistency>
    <gmd:result>
      <gmd:DQ_ConformanceResult>
```

```

    <gmd:specification>
      <gmd:CI_Citation>
        <gmd:title>
          <gco:CharacterString>Council Directive 92/43/EEC of 21 May 1992 on
the conservation of natural habitats and of wild fauna and flora</gco:CharacterString>
        </gmd:title>
        <gmd:date>
          <gmd:CI_Date>
            <gmd:date>
              <gco>Date>1992-05-02</gco>Date>
            </gmd:date>
            <gmd:dateType>
              <gmd:CI_DateTypeCode codeListValue="creation"
codeList="http://standards.iso.org/ittf/PubliclyAvailableStandards/ISO_19139_Schemas/resources/Cod
elist/ML_gmxCodeLists.xml#CI_DateTypeCode">publication</gmd:CI_DateTypeCode>
            </gmd:dateType>
          </gmd:CI_Date>
        </gmd:date>
      </gmd:CI_Citation>
    </gmd:specification>
    <gmd:explanation>
      <gco:CharacterString>See the referenced specification</gco:CharacterString>
    </gmd:explanation>
    <gmd:pass>
      <gco:Boolean>>false</gco:Boolean>
    </gmd:pass>
    </gmd:DQ_ConformanceResult>
  </gmd:result>
  </gmd:DQ_DomainConsistency>
</gmd:report>

```

D.1.2 Lineage

This metadata element will also allow data producers to report as well as data users to see what kind of transformation methodologies were used to transform local data to common INSPIRE structures, including description of the source data.

Example for Lineage element is available in Annex C

```

  <gmd:lineage>
    <gmd:LI_Lineage>
      <gmd:statement>
        <gco:CharacterString>Source observation data has been aggregated to distribution
data using spatial operators buffer and intersect.</gco:CharacterString>
      </gmd:statement>
      <gmd:processStep>
        <gmd:LI_ProcessStep>
          <gmd:description>
            <gco:CharacterString>For the data transformation from local to the INSPIRE
model, the following methodology has been used: 1. Harmonization between the source and target
(INSPIRE) data model. 2. Semantic mapping of individual featuers and their attributes. 3. Additional
rules for data conversion, as data type conversions, data grouping, data concatenate, constants
definition. 4. Implementation of the transformation means completely automated crosswalk by means
of the application of some type of tool (Geoserver - Application schema extension and XML
MapForce)</gco:CharacterString>
          </gmd:description>
        </gmd:LI_ProcessStep>
      </gmd:processStep>
      <gmd:source>
        <gmd:LI_Source>
          <gmd:description>

```

<gco:CharacterString>Each sample within the source dataset was collected at the point of maximum depth of the lake, incorporating identical aliquot of water taken between 0-2 m, 3 m, 4 m and between 5-6 m deep. The sampling frequency was every month. Tear Bottle, year of production 1999, Model number: SJ900AXCD has been used for sampling.</gco:CharacterString>

</gmd:description>

</gmd:LI_Source>

</gmd:source>

</gmd:LI_Lineage>

</gmd:lineage>