



19110 Geographic information – Methodology for feature cataloguing

This International Standard provides a standard framework for organizing and reporting the classification of real world phenomena in a set of geographic data. Geographic features are the representations of real world phenomena associated with a location relative to the Earth, about which data are collected, maintained and disseminated. Feature catalogues defining the types of features represented in geographic data enable the dissemination, sharing and use of geographic data through a better understanding of the contents and meaning of the data.

The feature catalogue for a given dataset is included or referenced in its metadata. Reference may be made to a general feature catalogue for an application area and then the metadata should identify the subset of feature types occurring in the particular dataset. The establishment of general feature catalogues for specific application domains will enable an understanding of data across domains and thus promote the sharing of data. Applications may use a number of general feature catalogues in order to allow sharing of data from different application domains.

In addition to identifying feature types, feature catalogues define feature types by identifying their associated feature type functions, feature type attributes and feature type relationships. Examples of feature catalogue entries are provided.

The standard is of particular relevance to the following sectors:

Sector	Of particular interest
Developers of GIS products	
Developers of GIS application systems	Yes
Producers/ suppliers of geographic data	Yes
Users of geographic data and GIS	
Developers of standards	

For further information on this standard and its implementation, please contact ISO/TC 211 secretariat via www.isotc211.org.