



19106 Geographic information – Profiles

This document provides the guidelines for preparation of a profile. The 191** Family of Standards are generic. Each domain application implementation will require all the generic options to be resolved for the standards for which it complies. A profile is such a set of generic standards with selected options. A profile provides the limited scope and functionality for effective specialist implementations of data and systems. Two classes of profiles have been defined. The first class defines a profile that is a pure subset of one or a set of ISO geographic information standards and optionally together with subset elements from other ISO standards and external standards. The second class defines profiles that are subsets as per class 1, but which may also contain additional elements added within the context defined in the base standard. For example, additional metadata elements defined in alignment with ISO 19115 metadata. This standard can be used to define profiles that may become ISO standards, and also can be used by external organizations to define profiles under their own authority.

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	
Users of geographic data and GIS	
Developers of standards	Yes

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