



**19109 Geographic information – Rules for application schema**

The Rules for application schema show how to develop schemas which identify how the various parts of this standard shall be applied for particular application domains. This family of standards is generic and must be tailored for specific application domains. The use of common rules for this process will allow for data and systems to be interchanged both within and across different application domains. The core of this process is the General Feature Model which acts as a platform for the parts of this family of standards, particularly Metadata and Feature cataloguing. Specific feature catalogues will need to be developed for each application domain and the content of metadata will be specific to each application domain. The use of a formal application schema for representing geographic information will enable the development of physical implementations and data interchange facilities to be at least procedural if not, in the short term, automated. It is this use of a application schema which will allow specific physical applications to inter-operate and share data.

The standard is of particular relevance to the following sectors:

Sector	Of particular interest
Developers of GIS products	Yes
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](http://www.isotc211.org).