



**19112 Geographic information – Spatial referencing by geographic identifiers**

Spatial reference may be provided by using geographic identifiers instead of coordinates where an association is made to a known geographic feature. The association may be containment such as within a country, based on a local coordinate such as a given distance along a street or loosely related such as adjacent or near to a building. This standard defines a consistent manner for spatial referencing by geographic identifiers. Spatial referencing systems of this kind identify

- one or more spatial unit types to be used for reference such as street,
- a reference scheme for uniquely identifying the spatial unit instances such as street name and
- a gazetteer containing a record of all instances of the spatial units that occur within reference space such as a street gazetteer.

All the required attributes are defined.

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	Yes

For further information on this standard and its implementation, please contact ISO/TC 211 secretariat via [www.isotc211.org](http://www.isotc211.org).