



**19125-1 Geographic information – Simple feature access – Part 1:
Common architecture**

This International Standard will:

- provide an implementation specification for the SQL environment conformant with the Simple feature access - abstract specification (Currently a New Work Item Proposal);
- specify an SQL schema that supports storage, retrieval, query and update of simple geospatial feature collections;
- establish an architecture for the implementation of feature tables;
- define terms to use within the architecture;
- apply to both SQL Components and SQL with Geometry Types Components;
- describe a set of SQL Geometry Types together with the SQL functions on those types;
- not attempt to standardize any part of the mechanism by which the Geometry Types are added to and maintained in the SQL environment.

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	

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