



**6709 Standard representation of latitude, longitude and altitude for geographic point locations**

This International Standard specifies a variable-length format for the representation of latitude, longitude and altitude for use in data interchange. The representation of altitude is optional and its presence or absence is implicit in the format.

This International Standard allows the use of normal sexagesimal notations involving degrees, minutes and seconds as well as various combinations of sexagesimal and decimal notations – degrees and decimal degrees; degrees, minutes and decimal minutes; degrees, minutes, seconds and decimal seconds. It makes use of the numeric characters 0 and 9, the graphical characters plus (+), minus (-), full stop (.) and comma (,).

The standard is of particular relevance to the following sectors:

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