



Geographic information—Rules for application schema



AS ISO 19109:2018

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- ANZLIC - the Spatial Information Council
- Australian Antarctic Division
- Australian Bureau of Statistics
- Australian Hydrographic Office
- Bureau of Meteorology (Australian Government)
- CSIRO
- Curtin University of Technology
- Department of Defence (Australian Government)
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Preface

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee IT-004, Geographical Information/Geomatics, to supersede AS/NZS ISO 19109:2006, *Geographic information — Rules for application schema*.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Standard is to define rules for creating and documenting application schemas, including principles for the definition of features.

This Standard includes the following:

- (a) conceptual modelling of features and their properties from a universe of discourse;
- (b) definition of application schemas;
- (c) use of the conceptual schema language for application schemas;
- (d) transition from the concepts in the conceptual model to the data types in the application schema; and
- (e) integration of standardized schemas from other ISO geographic information standards with the application schema.

This Standard is identical with, and has been reproduced from, ISO 19109:2015, *Geographic information — Rules for application schema*.

As this document has been reproduced from an International Standard, the following applies—

- (i) In the source text ‘this International Standard’ should read ‘this Australian Standard’.
- (ii) A full point substitutes for a comma when referring to a decimal marker.

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The terms ‘normative’ and ‘informative’ are used in Standards to define the application of the appendices or annexes to which they apply. A ‘normative’ appendix or annex is an integral part of a Standard, whereas an ‘informative’ appendix or annex is only for information and guidance.

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