

Australian/New Zealand Standard™

**Geographic information—Observations
and measurement**



AS/NZS ISO 19156:2012

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The following are represented on Committee IT-004:

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Australasian Fire and Emergency Service Authorities Council
Australian Antarctic Division
Australian Hydrographic Office
Australian Map Circle
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Geographic information—Observations and measurement

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee IT-004, Geographical Information/Geomatics.

The objective of this Standard is to define a conceptual schema for observations, and for features involved in sampling when making observations. These provide models for the exchange of information describing observation acts and their results, both within and between different scientific and technical communities.

This Standard is identical with, and has been reproduced from, ISO 19156:2011, *Geographic information—Observations and measurements*.

As this Standard is reproduced from an International Standard, the following applies:

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References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

<i>Reference to International Standard</i>	<i>Australian/New Zealand Standard</i>
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ISO/TS 19103 Geographic information—Conceptual schema language	19103 Geographic information—Conceptual schema language
ISO 19107 Geographic information—Spatial schema	19107 Geographic information—Spatial schema
19108 Geographic information—Temporal schema	19108 Geographic information—Temporal schema
19109 Geographic information—Rules for application schema	19109 Geographic information—Rules for application schema
19111 Geographic information—Spatial referencing by coordinates	19111 Geographic information Spatial referencing by coordinates
19115 Geographic information—Metadata	19115 Geographic information—Metadata
19123 Geographic information—Schema for coverage geometry and functions	19123 Geographic information—Schema for coverage geometry and functions
19136 Geographic information—Geography Markup Language (GML)	19136 Geographic information—Geography Markup Language (GML)

Only international references that have been adopted as Australian or Australian/New Zealand Standards have been listed.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the annex to which they apply. A ‘normative’ annex is an integral part of a Standard, whereas an ‘informative’ annex is only for information and guidance.

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