

Australian/New Zealand Standard™

**Geographic information — Preservation
of digital data and metadata**

Part 1: Fundamentals



AS/NZS ISO 19165.1:2019

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- ANZLIC - the Spatial Information Council
- Australian Antarctic Division
- Australian Bureau of Meteorology
- Australian Bureau of Statistics
- Australian Maritime Safety Authority
- CSIRO
- Curtin University of Technology
- Department of Defence (Australian Government)
- Department of Human Services (Australian Government)
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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 preservation metadata extension of AS/NZS ISO 19115.1. It defines the requirements for the long-term preservation of digital geospatial data. These data also include metadata, representation information, provenance, context and any other content items that capture the knowledge that are necessary to fully understand and reuse the archived data. This Standard also refers to characteristics of data formats that are useful for the purpose of archiving.

Geospatial data are preserved as a geospatial information package (IP). This Standard defines the requirements of the geospatial archival IP and details of the geospatial submission and the dissemination IPs. A geospatial archival IP is fully self-describing and allows a future reconstruction of the data set without external documentation. The functional requirements for a preservation archive are defined in Annex D.

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