

# Glossary and Abbreviations

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|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AHD          | Australian Height Datum (meters)                                                                                                                                                                                                                                                                                                                          |
| AOI          | Area of interest                                                                                                                                                                                                                                                                                                                                          |
| ANZLIC       | The Spatial Information Council of Australia and New Zealand (formerly the Australia New Zealand Land Information Council)                                                                                                                                                                                                                                |
| ARR          | Alligator Rivers Region                                                                                                                                                                                                                                                                                                                                   |
| BFC          | Bush Fire Council of the Northern Territory                                                                                                                                                                                                                                                                                                               |
| CSIRO        | Commonwealth Scientific and Industrial Research Organisation                                                                                                                                                                                                                                                                                              |
| DEWHA        | Australian Government Department of the Environment, Water, Heritage and the Arts                                                                                                                                                                                                                                                                         |
| dGPS         | Differential Global Positioning System                                                                                                                                                                                                                                                                                                                    |
| DIGO         | Defence Imagery and Geospatial Organisation                                                                                                                                                                                                                                                                                                               |
| EDS          | Early dry season (period used by BFC, from May to July, inclusive, to define early dry season burning)                                                                                                                                                                                                                                                    |
| EPBC         | <i>Environment Protection and Biodiversity Conservation Act 1999</i>                                                                                                                                                                                                                                                                                      |
| <b>eriss</b> | Environmental Research Institute of the Supervising Scientist                                                                                                                                                                                                                                                                                             |
| FCC          | False colour composite image produced from viewing near-Infrared, red, and green spectral bands as visible RGB, respectively.                                                                                                                                                                                                                             |
| GDA94        | Geodetic Datum of Australia 1994                                                                                                                                                                                                                                                                                                                          |
| GIS          | Geographic information system                                                                                                                                                                                                                                                                                                                             |
| GPS          | Global positioning system                                                                                                                                                                                                                                                                                                                                 |
| KNP          | Kakadu National Park                                                                                                                                                                                                                                                                                                                                      |
| LDS          | Late dry season (period used by BFC, from August to October inclusive, to define late dry season burning)                                                                                                                                                                                                                                                 |
| MG           | maggie geese                                                                                                                                                                                                                                                                                                                                              |
| MGA          | Map Grid of Australia                                                                                                                                                                                                                                                                                                                                     |
| MS           | multi-spectral imagery                                                                                                                                                                                                                                                                                                                                    |
| NRETA        | Northern Territory Government Department of Natural Resources, Environment and the Arts                                                                                                                                                                                                                                                                   |
| PAN          | Parks Australia North                                                                                                                                                                                                                                                                                                                                     |
| PWCNT        | Parks and Wildlife Commission of the Northern Territory                                                                                                                                                                                                                                                                                                   |
| QA/QC        | Quality assurance and control                                                                                                                                                                                                                                                                                                                             |
| Ramsar       | Bureau of the Ramsar Convention on Wetlands. The Convention on Wetlands signed in Ramsar, Iran in 1971 is an intergovernmental treaty that provides the framework for national action and international cooperation for conservation and wise use of wetlands and their resources <sup>1</sup> (see <a href="http://www.ramsar.org">www.ramsar.org</a> ). |
| RGB          | Visible red, green, and blue spectral bands used in remote sensing                                                                                                                                                                                                                                                                                        |
| RMS          | Root mean squared error statistic used as an indicator of map registration accuracy                                                                                                                                                                                                                                                                       |
| TCC          | True-colour composite image produced from visible (RGB) spectral bands                                                                                                                                                                                                                                                                                    |
| WHVs         | World Heritage Values                                                                                                                                                                                                                                                                                                                                     |

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<sup>1</sup> Extract from <http://www.murrumbidgee.cma.nsw.gov.au/index.php?id=570>

# Glossary of terms for key metadata elements<sup>2</sup>

## Quantitative data quality elements

|                            |                                                                                                                                                                                                                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Completeness</b>        | Refers to the completeness of coverage extent, classification and accuracy. Also the presence and absence of features, their attributes and relationships. <i>Negative Example: missing road data in a remote part of the province.</i>                                                              |
| <b>Logical consistency</b> | degree of adherence to logical rules of data structure, attributes and relationships. <i>Example: The dataset is topologically checked. All polygons closed etc.</i>                                                                                                                                 |
| <b>Positional Accuracy</b> | The accuracy of the position of features. <i>Example: The date of data compilation was August 1990. Example: a dGPS was used. As such, it is expected that data features have a positional error of +/- 1 metre.</i>                                                                                 |
| <b>Attribute Accuracy</b>  | An assessment of the reliability of values assigned to features in a dataset in relation to their 'real-world' values.                                                                                                                                                                               |
| <b>Temporal accuracy</b>   | Accuracy of the temporal attributes and temporal relationships of features. <i>Example: The date of data compilation was August 1990.</i>                                                                                                                                                            |
| <b>Thematic accuracy</b>   | Accuracy of the quantitative attributes and the correctness of non-quantitative attributes, as well as the classification of features and their relationships. <i>Example: Areas have been classified according to remotely sensed imagery as green land, although in reality, they were swamps.</i> |

## Non-quantitative quality information

|                |                                                                                                                                                                                                 |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purpose</b> | Describes the rationale for creating the dataset and contains information about its intended use                                                                                                |
| <b>Usage</b>   | Describes the application for which a dataset has been used                                                                                                                                     |
| <b>Lineage</b> | Describes the history of a dataset and, in as much as it is known, recounts the life cycle of a dataset from collection and acquisition through compilation and derivation to its current form. |

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<sup>2</sup> Sourced from Kresse W & Fadaie K (eds) 2004. *International Standards Organisation Standards for Geographic Information*. Springer-Verlag, Berlin Heidelberg.