

# ANZ Metadata Profile of the ISO 19115-1:2017 for datasets

## Best Practice Recommendation by the ANZLIC/ICSM Metadata Working Group

Note: This poster lists the core metadata attributes and their explanation. Each element is classified as: M – Mandatory, HR – Highly Recommended or R – Recommended. Elements without any classification are considered to be useful. Items with “\*” would require manual input. All other items can be populated through a template, automation or value selection from vocabularies (drop down lists)

	Metadata Attribute	Attribute purpose
	<b>Metadata for metadata</b>	This section is for core elements to describe metadata record itself
HR	Metadata Identifier	Unique persistent ID of a metadata record that is used for identification in catalogues
HR	Scope	What type of resource metadata describes ( e.g. dataset, service)
M	*Time	When metadata record was created, revised and/or published
M	Responsible party	Who to contact about metadata record ( e.g. point of contact, publisher)
R	Access. Use. Security	This section allows to define any constraints and limitation of accessing and using metadata record; or lack of those (see Access, Use and Security Section for more details)
	Standard	What standard metadata record follows (e.g. ISO 19115-1)
R	Language	What language metadata record in (e.g. ‘eng’)
	<b>Resource Metadata</b>	This section describes the resource, history of creation and modification, how to access and use, who is distributor for his resource, what are the limitations and constraints of access and usage
	Descriptive Resource Metadata	
M	*Title	Resource Name
HR	Identifier	Persistent Unique identifier of the resource (e.g. Digital Object Identifier (DOI)), that is used for identification in catalogues
M	*Abstract	Description of the resource
R	*Purpose	Why the resource was created
HR	Time	When the resource was created, revised and/or published
HR	Responsible party	Who to contact about a resource (e.g. point of contact, author, owner, publisher)
HR	Access. Use. Security	This section allows to define any constraints and limitation of accessing and using a resource; or lack of those (see Access, Use and Security Section for more details)
R	Extents	Spatial (horizontal, vertical) and temporal extents of the resource at the time of observation
R	Reference system	Horizontal, vertical and temporal reference systems to assist with GDA2020 transformation
R	Language	What language metadata record in (e.g. ‘eng’)
	Technical Resource Metadata	
R	Format	What is the resource format for storage and distribution
R	*Additional information	Details about the resource: e.g. data dictionary, technical documentation for a service
R	Linked services & applications	Link to the application and/or service if a resource available online
	Preservation Resource Metadata	
HR	Status	What is the resource status (e.g. complete, in progress, archived)
HR	*Lineage	History of a resource development and modification, includes recording any source of the data
R	Associated Resource	Provenance workflow or any other documents related to this resource
R	Maintenance	Information about the resource maintenance and its frequency
R	*Storage	Where the resource is stored online or offline
R	Distribution	How and by whom a resource is distributed
	Tags and Keywords	
HR	Topic Category	ISO high level classification of a resource
HR	Keywords	Tags, keywords and groupings, used for indexing by in search engines(e.g. Google) and machine access
	<b>Access. Use. Security</b>	Both metadata record and resource can have legal and security constraints and limitations associated with their access and use. This section allows to define these constraints and limitation or lack of those
R	Legal Constraints:	This element documents access and use constraints or the public access/use licencing (e.g. licence, copyright), including links (e.g. URL) to the document describing the constraint
R	Security Constraint	This element documents security classification associated with the resource (e.g. secret, confidential including links (e.g. URL) to the document describing the constraint
R	Use Limitations	Any other limitation of using a resource (e.g. fitness of us: don't use at a particular scale, not for navigation)
R	Releasability	Information to whom and when the resource can or cannot be released