

UK Academic Geospatial Metadata Application Profile, Version 2.1 (UK AGMAP 2.1): Datasets and Series (Data Resources)

The UK Academic Geospatial Metadata Application Profile, Version 2.1 (UK AGMAP 2.1) for Dataset and Dataset Series is a template designed to support the documentation and discovery of spatial datasets and series within Higher and Further Education; a separate UK AGMAP profile document is also available to reference for those wishing to describe geo services.

Both UK AGMAP 2.1 profiles (Dataset/Dataset Series and Geo Services) contain all the elements required to generate compliant metadata records for publication on the GoGeo portal. In addition, this Profile was created to achieve the following:

- serve as a metadata element field template for the GoGeo portal and Geodoc metadata editor tool (<http://www.gogeo.ac.uk/>);
- deliver support of geospatial dataset and dataset series documentation across an eclectic academic community;
- facilitate data management and sharing requirements within academia;
- ensure compliance with the new ISO 19115 geospatial metadata standard, ISO 19115-compliant UK GEMINI 2.1 and INSPIRE. UK GEMINI 2.1 was ratified in 2010 and supersedes UK GEMINI (2004) and the National Geospatial Data Framework (NGDF) for the UK; and
- provide academic users the necessary information to reveal the dataset type, its location, quality and completeness, temporal aspects in terms of data collection and content and contact details that allows users to acquire the dataset, or identify the services which offer the spatial data.

The UK AGMAP 2.1 profile is based primarily on ISO 19115, the international geographic information metadata standard which was ratified in 2003. ISO 19115 provides more than 300 metadata elements to describe spatial datasets. These elements are available for geographic information (GI) communities to select and use to generate profiles to support dataset documentation. ISO 19115 provides a core element group of mandatory elements that should be incorporated into every profile. The numerous optional ISO 19115 elements available for profile creation can support a range of needs at the GI community level, whether it be the public or private sector or academia. The incorporation of these elements into a profile should be intended to support the documentation of datasets generally created within a specific GI community. In addition, a profile can be extended to provide further benefits to each community. In this instance, metadata elements are included in the profile to ensure document support to describe a spatial dataset's specific conditions which would be relevant to users from that specialised community. Again, it is important to support the inclusion of ISO 19115 core mandatory elements in all profiles to ensure that data users outwith a specialised GI community can discover these and all other spatial datasets using any geo-data portal which is based on ISO 19115.

The UK AGMAP 2.1 profile (Figure 1) comprises the ISO 19115 core mandatory elements and extended to include a considerable number of ISO 19115's optional elements, and other elements identified as relevant to spatial data created within UK academia. The optional elements have been selected based on the eclectic nature of academic disciplines using GI technology for research and teaching and learning. These elements also provide further information that describes a dataset in detail including applications, quality assessment, processing steps and feature descriptions. Inclusion of this detailed metadata information allows a potential user the opportunity to assess the suitability of a dataset for a specific application or serve as a support mechanism for local data management. In addition, the UK AGMAP 2.1 profile includes elements which provide contact details or on-line links so that a data user can access the dataset, dataset series or service.

The UK AGMAP 2.1 profile is also extended (Figure 1) to support specialised needs of the academic community and ensure interoperability between other UK and EU spatial data portals. Part of this extension includes elements from UK GEMINI 2.1, an ISO 19115-compliant standard ratified in 2004 for use in the UK geospatial community. UK GEMINI 2.1 is also INSPIRE compliant and supersedes UK GEMINI (2004) and the National Geospatial Data Framework (NGDF) (2000), the previous UK metadata standard for geospatial data, which was originally derived from the US Federal Geographic Data Committee's (FGDC) Content Standard for Digital Geospatial Metadata (CSDGM) during the latter part of the 1990s.

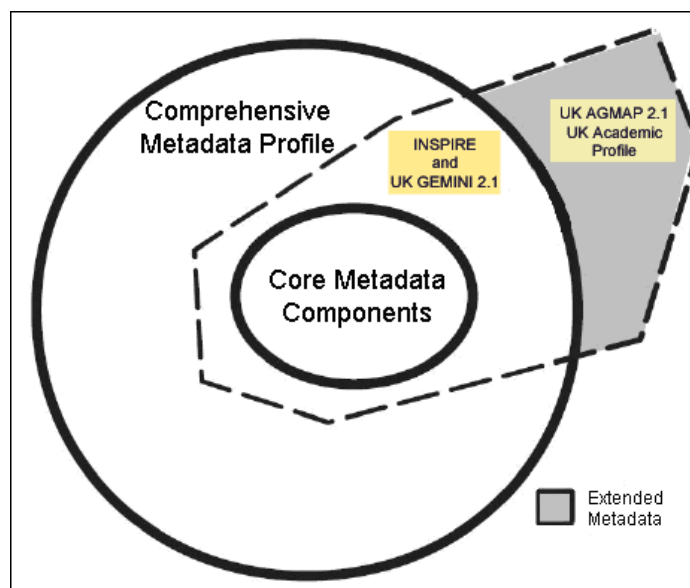


Figure 1. UK AGMAP 2.1 profile (Datasets and Dataset Series) for UK academia.

This UK AGMAP 2.1 profile for dataset and series documentation provides 90 elements for describing the when, where, how and what of a dataset or data series, access and use conditions and the metadata record itself. Though the total number of elements in the UK AGMAP 2.1 profile is considerable, only 29 elements are mandatory. Providing information for only these mandatory elements will satisfy the minimum conditions required for creating an HE/FE UK AGMAP 2.1 compliant metadata record; these will also suffice for creating UK GEMINI 2.1 compliant metadata; an INSPIRE compliant metadata record requires completion of the CONFORMITY element subgroup under QUALITY INFORMATION element group. The task of metadata creation is less onerous considering that 7 of the 29 UK AGMAP 2.1 mandatory elements require only contact information. A metadata creator can also create and save a template file containing these contact details for re-use with each new record. MyGoGeo (<http://www.gogeo.ac.uk/>) also provides a template form for entering contact information, which then is transferred to each new record created with Geodoc, the metadata editor tool. It is worth noting that 12 of the remaining mandatory elements include drop-down lists and dates, so the metadata creator only needs to select the relevant values from the lists, which have been incorporated into Geodoc.

Metadata Entities and Element Groups

UK AGMAP 2.1 uses seven metadata compound element or entity headings to categorise and group the 91 elements. As a means to provide further clarification for metadata creators and editors, metadata entity subheadings were also created to separate and categorise relevant elements into subgroups. The metadata entity headings and subheadings are as follows:

- **G1 Citation** (9 elements);
- **G2 Identification Information (What)** (12 elements);
- **G3 Quality Information** (16 elements);
 - G3.1 INSPIRE Conformity Statement
 - G3.2 Process Steps
 - G3.3 Quality Statement
 - G3.4 Level of Spatial Detail
- **G4 Extents of Dataset (Where and When)** (12 element);
 - G4.1 Extents of a Dataset or Dataset Series Based on the Co-ordinates of a Bounding Rectangle
 - G4.2 Extents of a Dataset or Dataset Series Based on the Co-ordinates of a Bounding Polygon
 - G4.3 Extents of a Dataset or Dataset Series Based on Geographic Identifiers
 - G4.4 Vertical Extents of a Dataset or Dataset Series
 - G4.5 Temporal Extents of a Dataset or Dataset Series
- **G5 Responsible Party (Who)** (10 element);
- **G6 Distributor (Access)** (16 elements);
 - G6.1 Dataset Format Name and Version
 - G6.2 Use and Access Constraints
- **G7 Metadata Creator** (15 elements).



**UK Academic Geospatial Metadata Application Profile, Version 2.1 (UK AGMAP 2.1):
Datasets and Series (Data Resources)**

EDINA

GROUP	SUBGROUP	Entity and Element ID	Entity and Element Names	Definition	Obligation	MO (Maximum Occurrence) N=Numerous	Data Type	Domain
		G1	CITATION	Data resource reference information	MANDATORY	1	Metadata Entity GROUP 1	
CITATION		1	Resource Type	Resource type that is being documented.	Mandatory (1)	1	Code List	Dataset Series
		2	Title	The name by which the data resource is known.	Mandatory (2)	1	Character String	Text
		3	Alternative Title	Short name, other name, acronym or alternative language title for the data resource.	Optional	N	Character String	Text
		4	Identifier Code	A unique string or number used to identify the data resource.	Mandatory (3)	1	Character String	Text
		5	Identifier Namespace	Namespace of the data resource identifier code.	Optional	1	Character String	Text
		6	Edition	The number of the edition of the data resource.	Optional	1	Character String	Text
		7	Date Code	Data resource event used for reference date.	Mandatory (4)	1	Code List	Creation Publication Revision Deletion
		8	Event Date	Data resource event date.	Mandatory (5)	1	Date	Date
		9	Update Frequency	The frequency with which revisions and updates are made to the data resource after its initial completion.	Mandatory (6)	1	Code List	Continual Daily Weekly Fortnightly Monthly Quarterly Biannually Annually As Needed Irregular Not Planned Unknown

		G2	IDENTIFICATION INFORMATION (WHAT)	Basic Information about the data resource.	MANDATORY	1	Metadata Entity GROUP 2	
IDENTIFICATION INFORMATION		10	Language	The language(s) used within the data resource.	Mandatory (7)	N	Code List	English Cornish Gaelic (Scottish) (Gallic) Irish Ulster Scots Welsh
		11	Topic	Main theme(s) of the data resource.	Mandatory (8)	N	Enumerated List	Farming Biota Boundaries Climatology/Meteorology/Atmosphere Economy Elevation Environment Geo-scientific Information Health Imagery/Base Maps/Earth Cover Intelligence/Military Inland Waters Location Oceans Planning/Cadastré Society Structure Transportation Utilities/Communication
		12	GEMET Controlled Keywords	Keywords taken from GEMET thesaurus summarising the subject of the data resource.	Mandatory (9)	N	Character String	Search General Multilingual Environmental Thesaurus (GEMET) for term(s) (Text)
		13	Other Keywords	Other words or phrases summarising the subject of the data resource.	Optional	N	Character String	Text
		14	Temporal Keywords	Keywords identifying a time period related to the data resource.	Optional	N	Character String	Visit the International Commission on Stratigraphy for geologic and historic keywords. http://www.stratigraphy.org/
		15	Abstract	A brief description of the data resource. This should include some explanation as to reasons for the production of the data resource and how used since creation.	Mandatory (10)	1	Character String	Text
		16	Spatial Representation Type	Method used to spatially represent The data resource.	Optional	N	Code List	Vector Grid Text Table Tin Stereo Model Video

		17	Presentation Type	Form of representation of the data resource.	Optional	N	Code List	Digital Document Hardcopy Document Digital Image Hardcopy Image Digital Map Hardcopy Map Digital Model Hardcopy Model Digital Profile Hardcopy Profile Digital Table Hardcopy Table Digital Video Hardcopy Video
		18	Sample	The name of the file that contains the graphic that provides an illustration of the representation of a data resource.	Optional	1	Character String	Text
		19	Further Information	Source of further information about the data resource.	Optional	1	Character String	Text
		20	Related Resources	Information about other, related resource similar theme or derived from a common source which may be of interest to the user.	Optional	1	Character String	Text
		21	Spatial Reference System	Name of the spatial referencing system used within the data resource.	Mandatory (11)	1	Code List	Spatial Reference System List (ESRI)

		G3	QUALITY INFORMATION	A general assessment of the conformity to INSPIRE and quality of a data resource for determining fitness for use. Quality is stated in terms of process steps, data capture, quality summary statements and spatial granularity.	MANDATORY	1	Metadata Entity GROUP 3	
QUALITY INFORMATION		G3.1	INSPIRE CONFORMITY STATEMENT	Degree of conformity and citation with the product specification or user requirement being evaluated against the data resource.	<i>Conditional:</i> Mandatory if claiming conformance to INSPIRE	1	Metadata Entity GROUP 3 SUBGROUP 1	
	CONFORMITY AND INSPIRE THEME	22	Specification	Citation of the product specification or user requirement against which data resource is evaluated.	<i>Conditional:</i> Mandatory if claiming conformance to INSPIRE	1	Character String	Text
		23	Specification Code	Event used for Specification.	<i>Conditional:</i> Mandatory if claiming conformance to INSPIRE	1	Code List	Creation Publication Revision
		24	Specification Date	Event date for Specification.	<i>Conditional:</i> Mandatory if claiming conformance to INSPIRE	1	Date	Date
		25	Explanation	Explanation of the meaning of conformance for this result.	<i>Conditional:</i> Mandatory if claiming conformance to INSPIRE	1	Character String	Text
		26	Conformity	Degree of conformity with the product specification or user requirement being evaluated against the data resource.	<i>Conditional:</i> Mandatory if claiming conformance to INSPIRE	1	Boolean	true if conformant false if not conformant

		27	INSPIRE Theme	Main INSPIRE theme(s) of the data resource.	<i>Conditional:</i> Mandatory if claiming conformance to INSPIRE	N	Code List	<ul style="list-style-type: none"> Addresses Administrative units Agricultural and aquaculture facilities Area management/restriction/regulation zones and reporting units Atmospheric conditions Bio-geographical regions Buildings Cadastral parcels Coordinate reference systems Elevation Energy resources Environmental monitoring facilities Geographical grid systems Geographical names Geology Habitats and biotopes Human health and safety Hydrography Land cover Land use Meteorological geographical features Mineral resources Natural risk zones Oceanographic geographical features Orthoimagery Population distribution - demography Production and industrial facilities Protected sites Sea regions Soil Species distribution Statistical units Transport networks Utility and governmental services
	G3.2	PROCESS STEPS		Overview of the data resource creation process steps including the status and time periods for data processing, and a data resource's process steps and lineage.	Optional	1	Metadata Entity GROUP 3 SUBGROUP 2	
PROCESS STEPS		28	Process Status	Declaration on the status for the processing steps of the data resource.	Optional	N	Code List	<ul style="list-style-type: none"> Completed Historical Archive Obsolete Ongoing Planned Required Under Development
		29	Description of Process Steps	A general description of the generation or derivation of the data resource.	Optional	1	Character String	Text
		30	Lineage	Information about the source data used in the construction of the data resource.	Mandatory (12)	1	Character String	Text

	G3.3	QUALITY STATEMENT	An assessment of data resource quality based on logical consistency, completeness, spatial accuracy and attribute accuracy.	Optional	1	Metadata Entity GROUP 3 SUBGROUP 3	
QUALITY STATEMENT	31	Logical Consistency	Degree of adherence to logical rules of data structure, attribution and relationships of the data resource.	Optional	1	Character String	Text
	32	Completeness	Presence and absence of features, their attributes and their relationships of the data resource.	Optional	1	Character String	Text
	33	Positional Accuracy	Positional accuracy of the data resource.	Optional	1	Character String	Text
	34	Attribute Accuracy	Accuracy of quantitative attributes of the data resource.	Optional	1	Character String	Text
	G3.4	LEVEL OF SPATIAL DETAIL	Description of the spatial level of granularity or the smallest representative unit associated with disaggregated, statistical data.	MANDATORY	1	Metadata Entity GROUP 3 SUBGROUP 4	
LEVEL OF SPATIAL DETAIL	35	Source Scale Denominator	Denominator of the representative fraction on the source map(s) (e.g. on a 1: 50 000 scale map, the source scale denominator value is 50000). It is also the number below the line of a vulgar fraction. If no source map used, enter the number 0. If multiple source map scales were used, enter the Source Scale Denominator of the smallest scale map (largest denominator).	<i>Conditional:</i> Mandatory if known and Ground Scale Distance not provided.	1	Integer	Integer
	36	Ground Scale Distance	The ground sample distance of the data resource.	<i>Conditional:</i> Mandatory if known and Source Scale Denominator not provided.	1	Real Number	Real Number
	37	Smallest Administrative Unit	The smallest representative unit associated with disaggregated statistical data.	Optional	1	Character String	Text

		G4	EXTENTS OF A DATA RESOURCE (WHERE AND WHEN)	The geographic and temporal extents of the data resource expressed in terms of geographic co-ordinates of a bounding rectangle, bounding polygon, geographic identifiers, vertical heights and time period.	MANDATORY	1	Metadata Entity GROUP 4	Any combination of the following five extent options may be used, but bounding rectangle, temporal extents and nations are mandatory.
EXTENTS OF A DATA RESOURCE (WHERE AND WHEN)		G4.1	EXTENTS OF A DATA RESOURCE BASED ON CO-ORDINATES OF A BOUNDING RECTANGLE	The geographic coverage of the data resource expressed in terms of geographic co-ordinates of a bounding rectangle.	MANDATORY	N	Metadata Entity GROUP 4 SUBGROUP 1	Longitude and latitude values.
	CO-ORDINATES OF A BOUNDING RECTANGLE	38	West Bounding Co-ordinate	Westernmost co-ordinate of a bounding rectangle.	Mandatory (13)	1	Real Number	Longitude value
		39	East Bounding Co-ordinate	Easternmost co-ordinate of a bounding rectangle.	Mandatory (14)	1	Real Number	Longitude value
		40	North Bounding Co-ordinate	Northernmost co-ordinate of a bounding rectangle.	Mandatory (15)	1	Real Number	Latitude value
		41	South Bounding Co-ordinate	Southernmost co-ordinate of a bounding rectangle.	Mandatory (16)	1	Real Number	Latitude value
		G4.2	EXTENTS OF A DATA RESOURCE BASED ON CO-ORDINATES OF A BOUNDING POLYGON	The geographic coverage of the data resource expressed in terms of geographic co-ordinates of a bounding polygon.	Optional	N	Metadata Entity GROUP 4 SUBGROUP 2	Longitude and latitude values.
	CO-ORDINATES OF A BOUNDING POLYGON	42	Co-ordinates of a Bounding Polygon	The set of x and y co-ordinates (first number = easting of a point, second number = northing of a point) that make up the co-ordinates of a bounding polygon.	Optional	N	Real Number	Real Number
		G4.3	EXTENTS OF A DATA RESOURCE BASED ON GEOGRAPHIC IDENTIFIERS	Geographic coverage expressed in terms of geographic identifiers.	MANDATORY	1	Metadata Entity GROUP 4 SUBGROUP 3	Any of the Nations, or place name keyword geographic identifiers may be used.
	GEOGRAPHIC IDENTIFIERS	43	Nations	Geographic coverage expressed in terms of nations within the British Isles.	Optional	N	Code List	England Northern Ireland Scotland Wales Isle of Man Channel Islands United Kingdom
		44	Unlock or GeoNames Gazetteer Place-name Keywords	The geographic name of a location(s) covered by a data resource.	Optional	N	Character String or Theme List	Search Unlock (UK) and GeoNames (International) for term(s)

		G4.4	VERTICAL EXTENTS OF A DATA RESOURCE	The vertical extent of the data resource.	Optional	1	Metadata Entity GROUP 4 SUBGROUP 4	If a value is entered for any one element field, then values must be provided for all other element fields in vertical extent group.
VERTICAL EXTENT	45	Minimum Value	Lowest vertical extent contained in the data resource.	Conditional: If value entered for any element in vertical extent group, then a value required for Minimum Value.	1	Real Number	Real Number	
	46	Maximum Value	Highest vertical extent contained in the data resource.	Conditional: If value entered for any element in vertical extent group, then a value required for Maximum Value.	1	Real Number	Real Number	
	47	Vertical Co-ordinate Reference System	The origin from which the elevation values are measured.	Conditional: If value entered for any element in vertical extent group, then a value required for Vertical Co-ordinate Reference System.	1	Code List	EPSG Registry http://www.epsg-registry.org/	
		G4.5	TEMPORAL EXTENTS OF A DATA RESOURCE	Time period that the content of a data resource.	MANDATORY	N	Metadata Entity GROUP 4 SUBGROUP 5	
	48	Temporal Extent's Start Date	The start date of the actual time period the data resource covers.	Mandatory (17)	1	Date	Date	
	49	Temporal Extent's End Date	The end dates of the actual time period the data resource covers.	Mandatory (18)	1	Date	Date	

		G5	RESPONSIBLE PARTY (WHO)	The organisation or person responsible for the data resource.	MANDATORY	1	Metadata Entity GROUP 5	
RESPONSIBLE PARTY (WHO)		50	Responsible Party Title/Role	Role or position of the responsible person for the data resource. Originator is set as the default value.	Mandatory (19)	N	Code List	Resource provider Custodian Owner User Distributor Originator Point of Contact Principle Investigator Processor Publisher Author
		51	Name of Responsible Party	The name of the organisation or person responsible for the maintenance of the data resource.	Mandatory (20)	1	Character String	Text
		52	Postal Street Address of Responsible Party	Postal Street part of address for organisation or person responsible for the data resource.	Optional	1	Character String	Text
		53	Postal City of Responsible Party	Postal city part of address for organisation or person responsible for the data resource.	Optional	1	Character String	Text
		54	Postal Code of Responsible Party	Postal code part of address for organisation or person responsible for the data resource.	Optional	1	Character String	Text
		55	Postal Country of Responsible Party	Postal country part of address for organisation or person responsible for the data resource.	Optional	1	Character String	Text
		56	Telephone Number of Responsible Party	Telephone number of the organisation or person responsible for the data resource.	Optional	1	Character String	Text
		57	Facsimile Number of Responsible Party	Facsimile number of the organisation or person responsible for the data resource.	Optional	1	Character String	Text
		58	Email Address of Responsible Party	Internet email address of the organisation or person responsible for the data resource.	Mandatory (21)	1	Character String	Text
		59	Web Address of Responsible Party	World Wide Web site Uniform Resource Locator (URL) address for the organisation or person responsible for the data resource.	Optional	1	Character String	Text

		G6	DISTRIBUTOR (ACCESS)	The organisation or person responsible for the distribution of the data resource.	MANDATORY	1	Metadata Entity GROUP 6	
DISTRIBUTOR (ACCESS)	60	Distribution Organisation Name	The name of the organisation or person responsible for the distribution of the data resource.	Mandatory (22)	1	Character String	Text	
	61	Postal Street Address of Distributor	Postal Street part of address for organisation or person responsible for the distribution of the data resource.	Optional	1	Character String	Text	
	62	Postal City of Distributor	Postal city part of address for organisation or person responsible for the distribution of the data resource.	Optional	1	Character String	Text	
	63	Postal Code of Distributor	Postal code part of address for organisation or person responsible for the distribution of the data resource.	Optional	1	Character String	Text	
	64	Postal Country of Distributor	Postal country part of address for organisation or person responsible for the distribution of the data resource.	Optional	1	Character String	Text	
	65	Telephone Number of Distributor	Telephone number of the organisation or person responsible for the distribution of the data resource.	Optional	1	Character String	Text	
	66	Facsimile Number of Distributor	Facsimile number of the organisation or person responsible for the distribution of the data resource.	Optional	1	Character String	Text	
	67	Email Address of Distributor	Internet email address of the organisation or person responsible for the distribution of the data resource.	Mandatory (23)	1	Character String	Text	
	68	Web Address of Distributor	World Wide Web site Uniform Resource Locator (URL) address for the organisation or person responsible for the distribution of the data resource.	Optional	1	Character String	Text	
	69	Supply Media	Media format in which the data resource can be supplied.	Optional	N	Code List	CD-ROM DVD DVD-ROM 3.5 Inch Floppy Disk 5.25 Inch Floppy Disk 7 Track Tape 9 Track Tape 3480 Cartridge Tape 3490 Cartridge Tape 3580 Cartridge Tape 4 mm Cartridge Tape 8 mm Cartridge Tape 0.25 Inch Magnetic Tape Digital Linear Tape Online Satellite Telephone Link Hardcopy	
	70	On-line Linkage	The name of the World Wide Web site or other online source that holds the data resource.	<i>Conditional: If available, then mandatory.</i>	N	Character String	Text	
71	File Size	The estimated size of the file(s) to be transferred.	Optional	1	Real Number	Real Number		

		G6.1	DATA RESOURCE FORMAT NAME AND VERSION	Data resource format name and version in which digital data can be provided.	Optional	N	Metadata Entity GROUP 6 SUBGROUP 1	
FORMAT NAME AND VERSION	72	Format Name	Format name in which digital data can be provided (e.g.: DXF, MapInfo, IDRISI, ARC/INFO, ERDAS).	Optional	1	Character String	Text	
	73	Format Version	Format version in which digital data can be provided (e.g. 1.0, 3.1, 8.0).	Optional	1	Character String	Text	
	G6.2	USE AND ACCESS CONSTRAINTS	Restrictions and legal prerequisites for accessing or using the data resource.	Mandatory	1	Metadata Entity GROUP 6 SUBGROUP 1		
USE AND ACCESS	74	Use Constraints Details	Limitations affecting the data resource's fitness for use.	Mandatory (24)	N	Character String	Text	
	75	Limitations on Public Access	Other restrictions and legal prerequisites for accessing the data resource.	Mandatory (25)	N	Character String	Text	
	G7	METADATA CREATOR INFORMATION	The organisation or person responsible for creating and updating metadata record(s).	MANDATORY	1	Metadata Entity GROUP 5		
METADATA CREATOR INFORMATION	76	Name of Metadata Creator	The name of the organisation or person responsible for creating and updating the metadata record(s).	Mandatory (26)	N	Character String	Text	
	77	Postal Street Address of Metadata Creator	Postal Street part of address for organisation or person responsible for metadata creation and updates.	Optional	1	Character String	Text	
	78	Postal City of Metadata Creator	Postal city part of address for organisation or person responsible for metadata creation and updates.	Optional	1	Character String	Text	
	79	Postal Code of Metadata Creator	Postal code part of address.	Optional	1	Character String	Text	
	80	Postal Country of Metadata Creator	Postal country part of address for organisation or person responsible for the metadata creation and updates.	Optional	1	Character String	Text	
	81	Telephone Number of Metadata Creator	Telephone number of the organisation or person responsible for metadata creation and updates.	Optional	1	Character String	Text	
	82	Facsimile Number of Metadata Creator	Facsimile number of the organisation or person responsible for creating and updating the metadata record(s).	Optional	1	Character String	Text	
	83	Email Address of Metadata Creator	Internet email address of the organisation or person responsible for creating and updating the metadata record(s).	Mandatory (27)	N	Character String	Text	
84	Web Address of Metadata Creator	World Wide Web site Uniform Resource Locator (URL) address for the organisation or person responsible for creating and updating the metadata record(s).	Optional	1	Character String	Text		

		85	Metadata Language	Language used for creating the metadata record.	Mandatory (28)	1	Code List	English Cornish Gaelic (Scottish) (Galic) Irish Ulster Scots Welsh
		86	Metadata Record Identifier	Unique identifier for the metadata record.	Optional	1	Character String	Text
		87	Parent Metadata Record Identifier	Identifier used for parent or original metadata record.	<i>Conditional: If metadata record is a subset or offspring of an original record, then parent metadata record identifier value should be entered.</i>	N	Character String	Text
		88	Metadata Last Updated	Date on which the metadata record was last updated.	Mandatory (29)	1	Date	Date
		89	Metadata Standard Name	Name of the metadata standard and HFE Profile used.	Optional	1	Character String	Text
		90	Metadata Standard Version	Version of the metadata standard and HFE Profile used.	Optional	1	Character String	Text