

Publication References

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Element Description

The Publication References element describes key bibliographic citations pertaining to the collection. Note that the citation for the collection itself should NOT be provided here. The citation for the collection should be provided in the [Collection Citation](#) element.

Best Practices

The Publication References element can be used to cite any literature (such as journal articles) that are related to the collection. Providing a Publication Reference is optional.

There are twenty-one sub-elements that comprise Publication References:

Authors: The author(s) of the publication. This is a free text field so the name(s) may be formatted in any way.

PublicationDate: The date of publication.

Title: The title of the publication.

Publisher: The publisher of the publication.

Series: If the publication is part of a series, then the name of the series should be provided here. For journal articles, the name of the journal may also be provided here.

Edition: The edition of the publication. Edition typically refers to revisions of the original publication.

Volume: The publication volume number.

Issue: The issue number of the publication. Issues are typically part of a larger volume.

ReportNumber: The report number of the publication.

Pages: The publication pages that are relevant.

PublicationPlace: The place of publication.

DOI: The Digital Object Identifier (DOI) of the publication. Note that this should just be the DOI string and not the DOI URL (e.g. [10.1002/ece3.4075](#) vs <https://doi.org/10.1002/ece3.4075>)

DOI Authority: The DOI organization that is responsible for creating the DOI is described in the Authority element.

ISBN: The ISBN of the publication.

OnlineResource/Linkage: The URL of the publication if it is available online. If the resource has a DOI, then it is recommended that the DOI URL be provided here. Providing a link is optional but encouraged.

OnlineResource/Protocol: The protocol of the link to the publication (e.g. https, svn, ftp, etc.). Providing a Protocol is optional.

OnlineResource/ApplicationProfile: The Application Profile holds the name of the application that can service the data. For example if the URL points to a word document, then the Application Profile is MS-Word. Providing an Application Profile is optional.

OnlineResource/Name: A name for the link to the publication. Providing a Name is optional.

OnlineResource/Description: A brief description of the link to the publication. Providing a Description is optional.

OnlineResource/Function: The function of the online resource. This field originated from the ISO metadata standard where the valid values are: download, information, offlineAccess, order and search. Providing a Function is optional.

OnlineResource/MimeType: MIME stands for "Multipurpose Internet Mail Extensions". Mime types are used to identify the nature and format of files provided on the Internet and are typically used by internet browsers in order to determine how to properly process or display a document or file. Providing the Mime Type element in the metadata helps ensure that the URL contents will be properly displayed on the Web. Providing a Mime Type is optional. Mime Type is a controlled vocabulary field and should be chosen from the [GCMD mime type keyword list](#).

OtherReferenceDetails: Additional free-text information about the publication.

Examples:

<u>Example 1</u>	<u>Example 2</u>
Authors: "Bloom, S., L. Takacs, A. DaSilva, and D. Ledvina"	Authors: "Blair, J. B., D. L. Rabine., and M. A. Hofton."
PublicationDate: "1996-01-01T00:00:00.000Z"	PublicationDate: "1999"
Title: "Data assimilation using incremental analysis updates"	Title: "The Laser Vegetation Imaging Sensor: A Medium-Altitude, Digitisation-Only, Airborne Laser Altimeter for Mapping Vegetation and Topography"
Series: "Monthly Weather Review"	Publisher: " ISPRS Journal of Photogrammetry and Remote Sensing"
Edition: "104606"	Volume: "54"
Volume: "19"	Pages: "115-122"
Issue: "124"	DOI/DOI: "10.1016/S0924-2716(99)00002-7"
Pages: "1256-1271"	DOI/Authority: " https://doi.org "
DOI: "10.1177/1094342005056120"	OnlineResource/Linkage: " https://doi.org/10.1016/S0924-2716(99)00002-7 "
	OnlineResource/Description: Access the article online

Element Specification

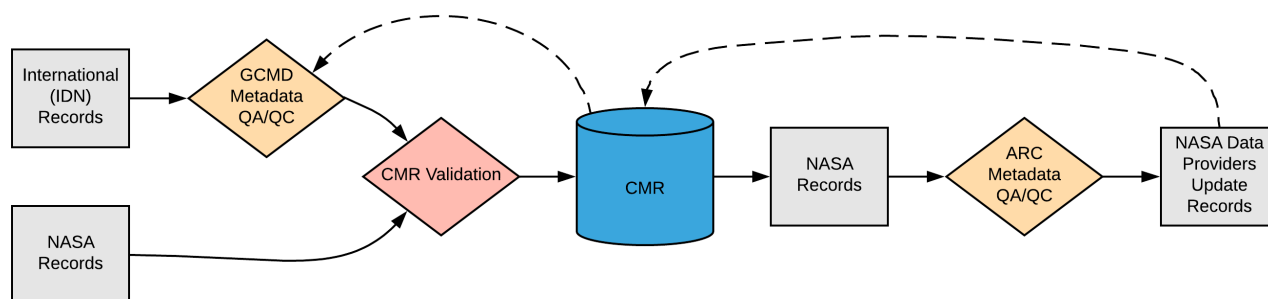
Providing a Publication Reference is optional. Multiple Publication References may be provided, if necessary (Cardinality: 0..*).

Model	Element	Type	Constraints	Required?	Cardinality	Notes
UMM-C	PublicationReferences/Authors	String	1 - 1024 characters	No	0..1	
UMM-C	PublicationReferences/PublicationDate	date-time	N/A	No	0..1	Dates must comply with the ISO 8601 Standard .
UMM-C	PublicationReferences/Title	String	1 - 1030 characters	No	0..1	
UMM-C	PublicationReferences/Publisher	String	1 - 1024 characters	No	0..1	
UMM-C	PublicationReferences/Series	String	1 - 1024 characters	No	0..1	
UMM-C	PublicationReferences/Edition	String	1 - 1024 characters	No	0..1	
UMM-C	PublicationReferences/Volume	String	1 - 80 characters	No	0..1	
UMM-C	PublicationReferences/Issue	String	1 - 80 characters	No	0..1	
UMM-C	PublicationReferences/ReportNumber	String	1 - 80 characters	No	0..1	
UMM-C	PublicationReferences/Pages	String	1 - 80 characters	No	0..1	
UMM-C	PublicationReferences/PublicationPlace	String	1 - 1024 characters	No	0..1	

UMM-C	PublicationReferences/ISBN	String	1 - 13 characters	No	0..1	
UMM-C	PublicationReferences/DOI/DOI	String	1 - 1024 characters	No	0..1	Note: The DOI element type provides the option to list the DOI as 'Not Applicable' (via the DOI/MissingReason and DOI/Explanation sub-elements). Since providing a DOI is optional for Publication Reference, it is recommended that the DOI simply be omitted if it does not apply for the Publication Reference. Please see the DOI wiki page for full details on DOI.
UMM-C	PublicationReferences/DOI/Authority	String	1 - 80 characters	No	0..1	
UMM-C	PublicationReferences/OnlineResource/Linkage	String	1 - 1024 characters	Yes, if applicable	1	Providing a Linkage is optional, however, none of the OnlineResource sub-elements (see below) may be provided without a Linkage.
UMM-C	PublicationReferences/OnlineResource/Protocol	String	1 - 80 characters	No	0..1	
UMM-C	PublicationReferences/OnlineResource/ApplicationProfile	String	1 - 1024 characters	No	0..1	
UMM-C	PublicationReferences/OnlineResource/Name	String	1 - 80 characters	No	0..1	
UMM-C	PublicationReferences/OnlineResource/Description	String	1 - 1024 characters	No	0..1	
UMM-C	PublicationReferences/OnlineResource/Function	String	1 - 1024 characters	No	0..1	
UMM-C	PublicationReferences/OnlineResource/MimeType	String	KMS controlled	No	0..1	
UMM-C	PublicationReferences/OtherReferenceDetails	String	1 - 4000 characters	No	0..1	

Metadata Validation and QA/QC

All metadata entering the CMR goes through the below process to ensure metadata quality requirements are met. All records undergo CMR validation before entering the system. The process of QA/QC is slightly different for NASA and non-NASA data providers. Non-NASA providers include interagency and international data providers and are referred to as the International Directory Network (IDN).



Please see the expandable sections below for flowchart details.

- Manual Review
 - Identify errors, discrepancies or omissions.
 - Proof all content for conciseness and readability.
- Automated Review
 - Checks that URLs are properly formatted and operational.
 - Checks that field lengths do not exceed maximum characters allowed.
 - Checks that Persistent_Identifier/Type keyword is valid.
- Automated Review
 - Checks that field lengths do not exceed maximum characters allowed.
 - Checks that Mime Type keyword is valid.

ARC Priority Matrix

Priority Categorization	Justification
Red = High Priority Finding	This element is categorized as highest priority when: • The Publication References/Online Resource/Linkage is a broken URL. • The incorrect DOI is provided for the publication.
Yellow = Medium Priority Finding	This element is categorized as medium priority when: • A recommendation is made to update any other information provided in the Publication References that is outdated or inaccurate.
Blue = Low Priority Finding	This element is categorized as low priority when: • A recommendation is made to add an important sub-element to the Publication References. • A recommendation is made to update the Publication References/Online Resource/Linkage from "http" to "https". • The Publication References/Online Resource/Description contains grammatical errors.
Green = No Findings/Issues	The element is provided and follows all applicable criteria specified in the best practices section above.

ARC Automated Checks

ARC uses the [pyQuARC library](#) for automated metadata checks. Please see the [pyQuARC GitHub](#) for more information.

Dialect Mappings

DIF 9 (Note: DIF-9 is being phased out and will no longer be supported after 2018)

DIF 10

Providing a Reference is optional. Multiple References may be provided, if necessary (Cardinality: 0..*).

UMM-C Element	DIF 10 Path	Type	Constraints	Required in DIF 10?	Cardinality	Notes
	Reference/Citation	String		No	0..1	
PublicationReference /Authors	Reference/Author	String		No	0..1	
PublicationReference /PublicationDate	Reference /Publication_Date	String		No	0..1	
PublicationReference/Title	Reference/Title	String		No	0..1	
PublicationReference/Series	Reference/Series	String		No	0..1	
PublicationReference/Edition	Reference/Edition	String		No	0..1	
PublicationReference /Volume	Reference/Volume	String		No	0..1	
PublicationReference/Issue	Reference/Issue	String		No	0..1	
PublicationReference /ReportNumber	Reference /Report_Number	String		No	0..1	

PublicationReference /PublicationPlace	Reference /Publication_Place	String		No	0..1	
PublicationReference /Publisher	Reference/Publisher	String		No	0..1	
PublicationReference/Pages	Reference/Pages	String		No	0..1	
PublicationReference/ISBN	Reference/ISBN	String		No	0..1	
PublicationReference/DOI /DOI	Reference/ Persistent_Identifier /Identifier	String		No	0..1	Please refer to the DOI wiki page for a full description of sub-element paths within Persistent_Identifier
DOI only	Reference/ Persistent_Identifier /Type	Enumeration	DOI ARK	No	0..1	Please refer to the DOI wiki page for a full description of sub-element paths within Persistent_Identifier
	Reference/ Persistent_Identifier /Authority	String		No	0..1	For ESDIS providers, recommend providing " https://doi.org/ " as the DOI authority. Please refer to the DOI wiki page for a full description of sub-element paths within Persistent_Identifier
PublicationReference /OnlineResource/Description	Reference /Online_Resource	anyURL		No	0..1	
Reference /Other_Reference_Details	Reference /Other_Reference_Details	String		No	0..1	

Example Mapping

DIF 10

```

<Reference>
  <Publication_Date>2005-01-01<
/Publication_Date>
  <Series>Technical Report Series on Global
Modeling and Data Assimilation</Series>
  <Title>Documentation and Validation of the
Goddard Earth Observing System (GEOS) Data
Assimilation System - Version 4</Title>
  <Edition>104606</Edition>
  <Volume>26</Volume>
  <Author>Bloom, S., A. da Silva, D. Dee, M.
Bosilovich, J.-D. Chern, S. Pawson, S. Schubert, M.
Sienkiewicz, I. Stajner, W.-W. Tan, M.-L. Wu</Author>
</Reference>
<Reference>
  <Publication_Date>2005-01-01<
/Publication_Date>
  <Series>International Journal of High
Performance Computing Applications</Series>
  <Title>Design and implementation of
components in the Earth System Modeling Framework<
/Title>
  <Persistent_Identifier>
    <Type>DOI</Type>
    <Identifier>10.1177/1094342005056120<
/Identifier>
    <Authority>https://doi.org</Authority>
  </Persistent_Identifier>
  <Publisher>International Journal of High
Performance Computing Applications</Publisher>
  <Pages>341-350</Pages>
  <Volume>19</Volume>
  <Author>Collins, N., G. Theurich, C. DeLuca,
M. Suarez, A. Trayanov, V. Balaji, P. Li, W. Yang,
C. Hill, and A. da Silva</Author>
</Reference>

```

UMM

```

PublicationReferences: [
  {
    PublicationDate: "2005-01-01T00:00:00.000Z",
    Series: "Technical Report Series on Global
Modeling and Data Assimilation",
    Title: "Documentation and Validation of the
Goddard Earth Observing System (GEOS) Data
Assimilation System - Version 4",
    Edition: "104606",
    Volume: "26",
    Author: "Bloom, S., A. da Silva, D. Dee, M.
Bosilovich, J.-D. Chern, S. Pawson, S. Schubert, M.
Sienkiewicz, I. Stajner, W.-W. Tan, M.-L. Wu"
  },
  {
    PublicationDate: "2005-01-01T00:00:00.000Z",
    Series: "International Journal of High
Performance Computing Applications",
    Title: "Design and implementation of
components in the Earth System Modeling Framework",
    Publisher: "International Journal of High
Performance Computing Applications",
    DOI: {
      DOI: "10.1177/1094342005056120",
      Authority: "https://doi.org"
    },
    Pages: "341-350",
    Volume: "19",
    Author: "Collins, N., G. Theurich, C.
DeLuca, M. Suarez, A. Trayanov, V. Balaji, P. Li, W.
Yang, C. Hill, and A. da Silva"
  },
]

```

ECHO 10

Publication Reference does not map to ECHO 10.

UMM-C Element	ECHO 10 Path	Type	Constraints	Required in ECHO10?	Cardinality	Note
Publication Reference	N/A	N/A	N/A	N/A	N/A	Publication Reference does not map to ECHO10.

ISO 19115-2 MENDS

Providing a Publication Reference is optional. Multiple Publication References may be provided, if necessary (Cardinality: 0..*).

UMM-C Element	ISO 19115-2 MENDS Path	Type
PublicationReference/Authors	/gmi:MI_Metadata/gmd:identificationInfo/gmd:MD_DataIdentification/gmd:aggregationInfo/gmd:MD_AggregateInformation/gmd:aggregateDataSetName/gmd:CI_Citation/ gmd:citedResponsibleParty/gmd:CI_ResponsibleParty/gmd:individualName or gmd:organisationName with /gmi:MI_Metadata/gmd:identificationInfo/gmd:MD_DataIdentification/gmd:aggregationInfo/gmd:MD_AggregateInformation/gmd:aggregateDataSetName/gmd:CI_Citation/ gmd:citedResponsibleParty/gmd:CI_ResponsibleParty/gmd:role/CI_RoleCode=author	String
PublicationReference/Title	/gmi:MI_Metadata/gmd:identificationInfo/gmd:MD_DataIdentification/gmd:aggregationInfo/gmd:MD_AggregateInformation/gmd:aggregateDataSetName/gmd:CI_Citation/gmd:title	String
PublicationReference/Series	/gmi:MI_Metadata/gmd:identificationInfo/gmd:MD_DataIdentification/gmd:aggregationInfo/gmd:MD_AggregateInformation/gmd:aggregateDataSetName/gmd:CI_Citation/ gmd:series/gmd:CI_Series/gmd:name	String
PublicationReference/Edition	/gmi:MI_Metadata/gmd:identificationInfo/gmd:MD_DataIdentification/gmd:aggregationInfo/gmd:MD_AggregateInformation/gmd:aggregateDataSetName/gmd:CI_Citation/gmd:edition	String

PublicationReference/ISBN	/gmi:MI_Metadata/gmd:identificationInfo/gmd:MD_DataIdentification/gmd:aggregationInfo/gmd:MD_AggregateInformation/gmd:aggregateDataSetName/gmd:CI_Citation/gmd:ISBN	String
PublicationReference/DOI/Authority	/gmi:MI_Metadata/gmd:identificationInfo/gmd:MD_DataIdentification/gmd:aggregationInfo/gmd:MD_AggregateInformation/gmd:aggregateDataSetName/gmd:CI_Citation/ gmd:identifier/gmd:MD_Identifier/gmd:authority/gmd:CI_Citation/gmd:citedResponsibleParty/gmd:CI_ResponsibleParty/gmd:organisationName or gmd:individualName	String
PublicationReference/DOI/DOI	/gmi:MI_Metadata/gmd:identificationInfo/gmd:MD_DataIdentification/gmd:aggregationInfo/gmd:MD_AggregateInformation/gmd:aggregateDataSetName/gmd:CI_Citation/ gmd:identifier/gmd:MD_Identifier/gmd:code /gco:CharacterString where /gmi:MI_Metadata/gmd:identificationInfo/gmd:MD_DataIdentification/gmd:aggregationInfo/gmd:MD_AggregateInformation/gmd:aggregateDataSetName/gmd:CI_Citation/ gmd:identifier/gmd:MD_Identifier/gmd:description/gco:CharacterString = DOI and /gmi:MI_Metadata/gmd:identificationInfo/gmd:MD_DataIdentification/gmd:aggregationInfo/gmd:MD_AggregateInformation/gmd:aggregateDataSetName/gmd:CI_Citation/ gmd:identifier/gmd:MD_Identifier/gmd:codeSpace/gco:CharacterString = gov.nasa.esdis.umm.doi	String
PublicationReference/OnlineResource/Linkage	/gmi:MI_Metadata/gmd:identificationInfo/gmd:MD_DataIdentification/gmd:aggregationInfo/gmd:MD_AggregateInformation/gmd:aggregateDataSetName/gmd:CI_Citation/ gmd:citedResponsibleParty/gmd:CI_ResponsibleParty/gmd:contactInfo/gmd:onlineResource/gmd:CI_OnlineResource/gmd:linkage/gmd:URL	String
PublicationReference/OnlineResource/Protocol	/gmi:MI_Metadata/gmd:identificationInfo/gmd:MD_DataIdentification/gmd:aggregationInfo/gmd:MD_AggregateInformation/gmd:aggregateDataSetName/gmd:CI_Citation/ gmd:citedResponsibleParty/gmd:CI_ResponsibleParty/gmd:contactInfo/gmd:onlineResource/gmd:CI_OnlineResource/gmd:protocol/gco:CharacterString	String
PublicationReference/OnlineResource/ApplicationProfile	/gmi:MI_Metadata/gmd:identificationInfo/gmd:MD_DataIdentification/gmd:aggregationInfo/gmd:MD_AggregateInformation/gmd:aggregateDataSetName/gmd:CI_Citation/ gmd:citedResponsibleParty/gmd:CI_ResponsibleParty/gmd:contactInfo/gmd:onlineResource/gmd:CI_OnlineResource/gmd:applicationProfile/gco:CharacterString	String
PublicationReference/OnlineResource/Name	/gmi:MI_Metadata/gmd:identificationInfo/gmd:MD_DataIdentification/gmd:aggregationInfo/gmd:MD_AggregateInformation/gmd:aggregateDataSetName/gmd:CI_Citation/ gmd:citedResponsibleParty/gmd:CI_ResponsibleParty/gmd:contactInfo/gmd:onlineResource/gmd:CI_OnlineResource/gmd:name/gco:CharacterString	String
PublicationReference/OnlineResource/Description	/gmi:MI_Metadata/gmd:identificationInfo/gmd:MD_DataIdentification/gmd:aggregationInfo/gmd:MD_AggregateInformation/gmd:aggregateDataSetName/gmd:CI_Citation/ gmd:citedResponsibleParty/gmd:CI_ResponsibleParty/gmd:contactInfo/gmd:onlineResource/gmd:CI_OnlineResource/gmd:description/gco:CharacterString="Description:" and "PublicationReference:"	String
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Example Mapping

ISO 19115-2 MENDS

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<gmi:MI_Metadata>
  <gmd:identificationInfo>
    <gmd:MD_DataIdentification>
      <gmd:aggregationInfo>
        <gmd:MD_AggregateInformation>
          <gmd:aggregateDataSetName>
            <gmd:CI_Citation>
              <gmd:citedResponsibleParty>
                <gmd:CI_ResponsibleParty>
                  <gmd:individualName>Bloom, S., A.
da Silva, D. Dee, M. Bosilovich, J.-D. Chern, S.
Pawson, S. Schubert, M. Sienkiewicz, I. Stajner, W.-
W. Tan, M.-L. Wu</gmd:individualName>
                  <gmd:role>
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/gmx/Codelists.xml#CI_RoleCode" codeListValue="author"
>author</gmd:CI_RoleCode>
                  </gmd:role>
                </gmd:CI_ResponsibleParty>
              </gmd:CI_Citation>
            </gmd:aggregateDataSetName>
          </gmd:MD_AggregateInformation>
        </gmd:aggregationInfo>
      </gmd:MD_DataIdentification>
    </gmd:identificationInfo>
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```

```

        </gmd:CI_ResponsibleParty>
        </gmd:citedResponsibleParty>
        <gmd:title>Documentation and
Validation of the Goddard Earth Observing System
(GEOS) Data Assimilation System - Version 4</gmd:
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        <gmd:series>
        <gmd:CI_Series>
        <gmd:name>Technical Report Series
on Global Modeling and Data Assimilation</gmd:name>
        </gmd:CI_Series>
        </gmd:series>
        <gmd:edition>104606</gmd:edition>
## Note: no mapping shown for Publication Date or
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Balaji, P. Li, W. Yang, C. Hill, and A. da Silva<
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</gmd:aggregationInfo>
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</gmd:identificationInfo>
</gmi:MI_Metadata>

```

UMM

```

PublicationReferences: [
  {
    PublicationDate: "2005-01-01T00:00:00.000Z",
    Series: "Technical Report Series on Global
Modeling and Data Assimilation",
    Title: "Documentation and Validation of the
Goddard Earth Observing System (GEOS) Data
Assimilation System - Version 4",
    Edition: "104606",
    Volume: "26",
    Author: "Bloom, S., A. da Silva, D. Dee, M.
Bosilovich, J.-D. Chern, S. Pawson, S. Schubert, M.
Sienkiewicz, I. Stajner, W.-W. Tan, M.-L. Wu"
  },
  {
    PublicationDate: "2005-01-01T00:00:00.000Z",
    Series: "International Journal of High
Performance Computing Applications",
    Title: "Design and implementation of
components in the Earth System Modeling Framework",
    Publisher: "International Journal of High
Performance Computing Applications",
    DOI: {
      DOI: "10.1177/1094342005056120",
      Authority: "https://doi.org"
    },
    Pages: "341-350",
    Volume: "19",
    Author: "Collins, N., G. Theurich, C.
DeLuca, M. Suarez, A. Trayanov, V. Balaji, P. Li, W.
Yang, C. Hill, and A. da Silva"
  },
]

```

ISO 19115-2 SMAP

Providing a Publication Reference is optional. Multiple Publication References may be provided, if necessary (Cardinality: 0..*).

UMM-C Element	ISO 19115-2 SMAP Path	Type
PublicationReference /Authors	/gmd:DS_Series/gmd:seriesMetadata/gmi:MI_Metadata/gmd:identificationInfo/gmd:MD_DataIdentification/gmd:aggregationInfo/gmd:MD_AggregateInformation/gmd:aggregateDataSetName/gmd:CI_Citation/ gmd:citedResponsibleParty/gmd:CI_ResponsibleParty/gmd:individualName or gmd:/organisationName with /gmd:DS_Series/gmd:seriesMetadata/gmi:MI_Metadata/gmd:identificationInfo/gmd:MD_DataIdentification/gmd:aggregationInfo/gmd:MD_AggregateInformation/gmd:aggregateDataSetName/gmd:CI_Citation/ gmd:citedResponsibleParty/gmd:CI_ResponsibleParty/gmd:role/CI_RoleCode=author	String
PublicationReference/Title	/gmd:DS_Series/gmd:seriesMetadata/gmi:MI_Metadata/gmd:identificationInfo/gmd:MD_DataIdentification/gmd:aggregationInfo/gmd:MD_AggregateInformation/gmd:aggregateDataSetName/gmd:CI_Citation/gmd:title	String
PublicationReference /Series	/gmd:DS_Series/gmd:seriesMetadata/gmi:MI_Metadata/gmd:identificationInfo/gmd:MD_DataIdentification/gmd:aggregationInfo/gmd:MD_AggregateInformation/gmd:aggregateDataSetName/gmd:CI_Citation/ gmd:series/gmd:CI_Series/gmd:name	String
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Example Mapping

ISO 19115-2 SMAP

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UMM

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    Edition: "104606",
    Volume: "26",
    Author: "Bloom, S., A. da Silva, D. Dee, M.
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UMM Migration

UMM Version 1.9.0	Translation Direction	UMM Version 1.10.0

History

UMM Versioning

Version	Date	What Changed
1.17.1	8/10 /2022	No changes were made for Publication Reference during the transition from version 1.17 to 1.17.1

1.17	5/11 /2022	No changes were made for Publication Reference during the transition from version 1.16.7 to 1.17
1.16.7	3/02 /2022	No changes were made for Publication Reference during the transition from version 1.16.6 to 1.16.7
1.16.6	12/01 /2021	No changes were made for Publication Reference during the transition from version 1.16.5 to 1.16.6
1.16.5	7/13 /2021	No changes were made for Publication Reference during the transition from version 1.16.4 to 1.16.5
1.16.4	6/30 /2021	No changes were made for Publication Reference during the transition from version 1.16.3 to 1.16.4
1.16.3	5/19 /2021	No changes were made for Publication Reference during the transition from version 1.16.2 to 1.16.3
1.16.2	4/7 /2021	No changes were made for Publication Reference during the transition from version 1.16.1 to 1.16.2
1.16.1	4/7 /2021	Added DoiDoiType for Publication DOIs.
1.16	3/24 /2021	No changes were made for Publication Reference during the transition from version 1.15.5 to 1.16
1.15.5	12/3 /2020	No changes were made for Publication Reference during the transition from version 1.15.4 to 1.15.5
1.15.4	9/18 /2020	No changes were made for Publication Reference during the transition from version 1.15.3 to 1.15.4
1.15.3	7/1 /2020	No changes were made for Publication Reference during the transition from version 1.15.2 to 1.15.3
1.15.2	5/20 /2020	No changes were made for Publication Reference during the transition from version 1.15.1 to 1.15.2
1.15.1	3/25 /2020	No changes were made for Publication Reference during the transition from version 1.15.0 to 1.15.1
1.15.0	2/26 /2020	No changes were made for Publication Reference during the transition from version 1.14.0 to 1.15.0
1.14.0	10/21 /2019	No changes were made for Publication Reference during the transition from version 1.13.0 to 1.14.0
1.13.0	04/11 /2019	No changes were made for Publication Reference during the transition from version 1.12.0 to 1.13.0
1.12.0	01/22 /2019	No changes were made for Publication Reference during the transition from version 1.11.0 to 1.12.0.
1.11.0	11/28 /2018	No changes were made for Publication Reference during the transition from version 1.10.0 to 1.11.0.
1.10.0	05/02 /2018	During the transition from version 1.9.0 to 1.10.0, the sub element 'Mime Type' was added to Online Resource and the requirement for 'Name' and 'Description' was removed.
1.9.0	3/21 /2017	In PublicationReferenceType changed RelatedUrl to OnlineResource

ARC Documentation

Version	Date	What Changed	Author
1.0	11/16/2018	Recommendations/priority matrix transferred from internal ARC documentation to wiki space	Jeanne' le Roux Ingrid Garcia-Solera