



# Interagency **Data ID Service** Mapping

Office of Scientific and Technical Information

MARCH 18, 2020

Below is a listing of Interagency Data (IAD) ID Service field names and descriptions with their associated DataCite field names and descriptions. Fields indicated **in red text** are minimum required fields for data submissions. For any questions, please email [iad@osti.gov](mailto:iad@osti.gov).

IAD Field Name	Description	DataCite Field Name	DataCite Description
<b>id</b>	The unique identifier for the record (used for updates on submission)	alternateIdentifier (alternateIdentifierType="IAD ID")	AlternateIdentifier - An identifier or identifiers other than the primary Identifier applied to the resource being registered. This may be any alphanumeric string which is unique within its domain of issue. May be used for local identifiers. AlternateIdentifier should be used for another identifier of the same instance (same location, same file). alternateIdentifierType is free text to identify the type. E.g. "A local accession number"
<b>accession_number</b>	The unique designation for the user's own reference to this content	alternateIdentifier (alternateIdentifierType="Site ID")	AlternateIdentifier - An identifier or identifiers other than the primary Identifier applied to the resource being registered. This may be any alphanumeric string which is unique within its domain of issue. May be used for local identifiers. AlternateIdentifier should be used for another identifier of the same instance (same location, same file). alternateIdentifierType is free text to identify the type. E.g. "A local accession number"
<b>title</b>	A name or title by which the record is known	<b>title</b> (with optional type sub-properties)	A name or title by which a resource is known. May be the title of a dataset or the name of a piece of software.

INTERAGENCY DATA ID SERVICE MAPPING

IAD Field Name	Description	DataCite Field Name	DataCite Description
<b>authors</b>	Contains a listing of person(s) responsible for the content, as object references	creator (with optional given name, family name, name identifier and affiliation sub-properties)	The main researchers involved in producing the data, or the authors of the publication, in priority order. To supply multiple creators, repeat this property
<b>contributors</b>	Contains a listing of persons or organizations that contributed to the content	contributor (with optional given name, family name, name identifier and affiliation sub-properties)	The institution or person responsible for collecting, managing, distributing, or otherwise contributing to the development of the resource. To supply multiple contributors, repeat this property
<b>first_name</b>	A person's first, or given, name	givenName	The personal or first name of the creator/contributor
<b>middle_name</b>	A person's middle name or initial, if present		Not given to DataCite
<b>last_name</b>	A person's last, or family, name	familyName	The surname or last name of the creator/contributor
<b>full_name</b>	For organizations, the listed name or description of the organization	creatorName	The full name of the creator/contributor
<b>orcid</b>	The ORCID of this author/contributor, if any	nameIdentifier	Uniquely identifies an individual or legal entity, according to various schemas
<b>email</b>	A contact email address		Not given to DataCite

IAD Field Name	Description	DataCite Field Name	DataCite Description
<b>affiliations</b>	Contains a listing of any affiliations for this author/contributor or	affiliation	The organizational or institutional affiliation of the creator/contributor
<b>contributor_type</b>	(Contributors only) The type of contribution made by this contributor	contributorType	The type of contributor of the resource. Controlled List Values: ContactPerson, DataCollector, DataCurator, DataManager, Distributor, Editor, HostingInstitution, Producer, ProjectLeader, ProjectManager, ProjectMember, RegistrationAgency, RegistrationAuthority, RelatedPerson, Researcher, ResearchGroup, RightsHolder, Sponsor, Supervisor, WorkPackageLeader, Other
<b>site_code</b>	The site code assigned to the user account for grouping content		Not given to DataCite
<b>description</b>	A short description or abstract	description	All additional information that does not fit in any of the other categories. May be used for technical information. descriptionType is abstract

INTERAGENCY DATA ID SERVICE MAPPING

IAD Field Name	Description	DataCite Field Name	DataCite Description
<b>publisher</b>	The name of the entity that holds, archives, distributes, releases, or produces the resource. If no publisher information is entered, it is sent to DataCite as N/A	<b>publisher</b>	The name of the entity that holds, archives, publishes prints, distributes, releases, issues, or produces the resource. This property will be used to formulate the citation, so consider the prominence of the role
<b>country</b>	The country in which this version of the record was published		Not given to DataCite
<b>publication_date</b>	The publication date	<b>publicationYear</b>	The year when the data was or will be made publicly available. In the case of resources such as software or dynamic data where there may be multiple releases in one year, include the Date/dateType/dateInformation property and sub-properties to provide more information about the publication or release date details
<b>date_record_added</b>	The date the record was added		Not given to DataCite
<b>date_record_updated</b>	The date the record was last updated		Not given to DataCite
<b>date_first_registered</b>	The date the DOI was first minted, if present		Not given to DataCite

INTERAGENCY DATA ID SERVICE MAPPING

IAD Field Name	Description	DataCite Field Name	DataCite Description
<b>date_last_registered</b>	The date the DOI was last updated, if present		Not given to DataCite
<b>doi</b>	The Digital Object Identifier (DOI)	identifier	The Identifier is a unique string that identifies a resource. Format should be "10.1234/foo"
<b>doi_infix</b>	Optional infix value used for unique DOI construction		Given to DataCite as the middle section of the DOI
<b>site_url</b>	The URL containing the record content, which the DOI will redirect to		Given to DataCite as DOI destination
<b>product_type</b>	The product type; usually one of "Dataset", "Text", or "Collection"	<b>resourceTypeGeneral</b>	The general type of a resource. Controlled List Values: Audiovisual, Collection, DataPaper, Dataset, Event, Image, InteractiveResource, Model, PhysicalObject, Service, Software, Sound, Text, Workflow, Other
<b>product_type_specific</b>	A short description of the record content type, or type of data	resourceType	A description of the resource.
<b>keywords</b>	A listing of broad topics applying to the data or its subject matter	subject	Subject, keyword, classification code, or key phrase describing the resource.

INTERAGENCY DATA ID SERVICE MAPPING

IAD Field Name	Description	DataCite Field Name	DataCite Description
<b>language</b>	The primary language of the resource	language	The primary language of the resource.
<b>availability</b>	If applicable, the office or organization to refer access requests to		Not given to DataCite
<b>research_organization</b>	If credited, the organization name that performed the research		Not given to DataCite
<b>sponsoring_organization</b>	If credited, the organization name that sponsored / funded the research		Not given to DataCite
<b>related_identifiers</b>	Contains a listing of related identifiers; usually DOIs or URLs related to the content in some specified manner	relatedIdentifiers	Identifiers of related resources. These must be globally unique identifiers.
<b>identifier_value</b>	The DOI or URL value of the related identifier	relatedIdentifier	Value in the relatedIdentifier tag.
<b>identifier_type</b>	One of the listed related identifier types such as "DOI", "ISGN", "URL" or "URN" to identify the type of content	relatedIdentifierType	The type of the RelatedIdentifier. Controlled List Values: ARK, arXiv, bibcode, DOI, EAN13, EISSN, Handle, IGSN, ISBN, ISSN, ISTC, LISSN, LSID, PMID, PURL, UPC, URL, URN, w3id

IAD Field Name	Description	DataCite Field Name	DataCite Description
<b>relation_type</b>	A description of the relationship between the registered resource and the related resource. E.g. "IsCitedby" or "Cites"	relationType	Description of the relationship of the resource being registered (A) and the related resource (B). Controlled List Values: IsCitedBy, Cites, IsSupplementTo, IsSupplementedBy, IsContinuedBy, Continues, IsDescribedBy, Describes, HasMetadata, IsMetadataFor, HasVersion, IsVersionOf, IsNewVersionOf, IsPreviousVersionOf, IsPartOf, HasPart, IsReferencedBy, References, IsDocumentedBy, Documents, IsCompiledBy, Compiles, IsVariantFormOf, IsOriginalFormOf, IsIdenticalTo, IsReviewedBy, Reviews, IsDerivedFrom, IsSourceOf, IsRequiredBy, Requires, IsObsoletedBy, Obsoletes
<b>report_numbers</b>	The report number associated with the entry	alternateIdentifier (alternateIdentifierType="Report Numbers")	AlternateIdentifier - An identifier or identifiers other than the primary Identifier applied to the resource being registered. This may be any alphanumeric string which is unique within its domain of issue. May be used for local identifiers. AlternateIdentifier should be used for another identifier of the same instance (same location, same file). alternateIdentifierType is free text to identify the type. E.g. "A local accession number"

INTERAGENCY DATA ID SERVICE MAPPING

IAD Field Name	Description	DataCite Field Name	DataCite Description
<b>contract_numbers</b>	Any contract or funding numbers associated with this record	alternateIdentifier (alternateIdentifierType="Contract Numbers")	AlternateIdentifier - An identifier or identifiers other than the primary Identifier applied to the resource being registered. This may be any alphanumeric string which is unique within its domain of issue. May be used for local identifiers. AlternateIdentifier should be used for another identifier of the same instance (same location, same file). alternateIdentifierType is free text to identify the type. E.g. "A local accession number"
<b>other_numbers</b>	Any additional identifying numbers associated with this record	alternateIdentifier (alternateIdentifierType="Other Numbers")	AlternateIdentifier - An identifier or identifiers other than the primary Identifier applied to the resource being registered. This may be any alphanumeric string which is unique within its domain of issue. May be used for local identifiers. AlternateIdentifier should be used for another identifier of the same instance (same location, same file). alternateIdentifierType is free text to identify the type. E.g. "A local accession number"
<b>doi_message</b>	If present, the error condition of the last failed DOI submission		Not given to DataCite