

Glacier Photo Collection  
DOI MD Assignments  
for ESIP Federation ID Testbed

	A	B	C	D
1	<b>CrossRef ComponentList Elements</b>	<b>Dbase Equivalents</b>	<b>Status (Req / Optional)</b>	<b>Comments</b>
2	Dataset DOI		Req	
3	Dataset URL		Req	
4	Title	glacier_name	Optional	
5	Contributors (organization name and/or person name)	photographer_name	Optional	
6	publication date	photoyear_month	Optional	
7	description	description	Optional	
8	format	no equivalent	Optional	Take from file extension & transform into either image/tiff or image/jpeg for the mime_type.
9	constructed DOI	photo_id (?) or photo_number (?)		Use this for the basis of the DOI past the doi prefix?
10				
11	<b>DateCite MD Kernel Elements:</b>	<b>Dbase Equivalents</b>	<b>Status (Req / Optional)</b>	<b>Comments</b>
12	DOI		Req	
13	Creator	photographer_name	Req	
14	Title (with type attribute)	glacier_name (type=title)	Req	
15	Publisher	publisher	Req	
16	PublicationDate	date_loaded	Req	
17	Discipline	Earth Sciences; Glaciers / Ice Sheets	Req	Constant values. The latter terms are taken from the Global Change Master Directory (GCMD)
18	PublicationPlace	Boulder CO	Optional	constant value of "Boulder, CO"
19	Contributor (with type attribute)	source (type=DataCollector)	Optional	May have a different name on the spreadsheet; typical value' = "U.S. Geological Survey Ice and Climate Project Collection"
20	Date (with type attribute)	photo_year/monthday (type=created)	Optional	
21	Language	en	Optional	
22	ResourceType	image	Optional	constant value of "image"
23	ResourceIdentifier (with type attribute)	http://nsidc.org/cgi-bin/gpd_deliver_jpg.pl?FL90_R19	Optional	Concatenation of the prefix "http://nsidc.org/cgi-bin/gpd_deliver"_jpg.pl? followed by the value from photo_id field See example in Dbase Equivalents column. From RD explan: "In other words, the object that is being preserved is the granule consisting of a TIFF, a JPG, a generated HTML page with the metadata, and the thumbnail). The URL for that package is the web page retrieved when you submit something of the format above."
24	RelatedIdentifier (with type attribute)	doi:Glacier photo collection	Optional	DOI of overall Glacier Photo Collection (type=DOI)
25	relationType	isPartOf	Optional	this value would be constant for each component image of the Glacier Photo collection.
26	Size (with unit attribute)	high_res_size (type=kb)	Optional	Note: these values will only appear for the tiff versions of the resource.
27	Format	image/tiff; image/jpeg	Optional	Repeat with constant value of image/tiff and image/jpeg

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28	Version	n.a.	Optional	
29	Rights	rights	Optional	
				Could be two instances of this field if this field is repeatable. The first should be the value from the description field. The 2nd instance should be the concatenation of values from fields as follows: photo_id[space]value;photo_number[space]value; province[space]value;country[space]value;lat[space]value;lon[space]value . Constant value of "Informal description" for the type of each instance. If only one description is allowed, perhaps the values from fields as noted could be included in the single instance.
30	Description (with type attribute)	See comments	Optional	
31	lastMetadataUpdate		Auto-gen	
32	metadataVersionNumber		Auto-gen	