

What We Need From YOU:

2) Please populate your DAAC's inventory using the Q&A in the '**Current Inventory**' table below. Please use the answer guidelines provided but feel free to add additional, clarifying, or descriptive text as needed. (*Note: if you have feedback or previous responses included please determine what to keep as part of the actual inventory collection*)

Inputs requested by December 7th

POC	DAAC	E-mail	Handle	Area of Expertise
Example: Brian Tisdale	ASDC	brian.e.tisdale@nasa.gov	Brian Tisdale	WMS, WCS, ArcGIS
Rudiger Gens	ASF	rgens@alaska.edu	Rudi Gens	ArcGIS
Sri Vinay	SEDAC	sri@ciesin.columbia.edu	@sri.ciesin.columbia.edu	W*S
Tammy Walker	ORNL	beatytw@ornl.gov	Tammy Walker	ArcGIS
Yaxing Wei	ORNL	weiy@ornl.gov	Yaxing Wei	WMS, WCS, THREDDS
Vardis Tsontos (Data engineer) / Sandra Cosic (user services)	PODAAC	vtontos@jpl.nasa.gov , Sandra.M.Cosic@jpl.nasa.gov	Vardis, Sandra	OPeNDAP, THREDDS, ...
Wenli Yang	GES DISC	wenli.yang@nasa.gov	Wenli Yang	WCS, WMS, ArcGIS
Sean Bailey	OB. DAAC	sean.w.bailey@nasa.gov		
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Paul Madden	NSIDC	pmadden@nsidc.org	Paul Madden	

DAAC	Alaska Satellite Facility DAAC (ASF DAAC)	Atmospheric Science Data Center (ASDC)	Cru stal Dyn ami cs Data Infor mati on Syst em (CD DIS)	Global Hydrology Resource Center DAAC (GHRC DAAC)	Godda rd Earth Scienc es Data and Infor mati on Servic es Center (GES DISC)	Land Proces ses (LP DAAC)	Level 1 and Atmosphere Archive and Distribution System (LAADS)	National Snow and Ice Data Center DAAC (NSIDC DAAC)	Oak Ridge National Laboratory DAAC (ORNL DAAC)	O ce an Bi o log y D A A C (O B D A A C)	Physical Oceanography DAAC (PO.DAAC)	Socioecon omic Data and Application s Data Center (SEDAC)	Ot h er
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SERVICE TYPES	Do you have Web Mapping Service (WMS) enabled? (Y/N; URL for endpoint)	Y https://www.asf.alaska.edu/data-tools/asf-mapserver/	Y		N We are investigating GeoServer 2.9.2 as a solution which could include WMS	Y http://disc.sci.gsfc.nasa.gov/services/ogc_wms	Y, https://pdaacs.vc.cr.usgs.gov/ogc/wms	N (evaluating)	Y, currently for a handful of datasets https://nsidc.org/api/mapservices/NSIDC/ows?service=wms&version=1.3.0&request=GetCapabilities	Y	N	Y (via THREDDS) eg. http://thredds.jpl.nasa.gov/thredds/wms/ncml_aggregation/SalinityDensity/aquarius/aggregate__AQUARIUS_L3_SSS_SML_7DAY-RUNNINGMEAN_V4.ncml?service=WMS&version=1.3.0&request=GetCapabilities	Y			
	Do you have Web Coverage Service (WCS) enabled? (Y/N; URL for endpoint)	Y https://www.asf.alaska.edu/data-tools/asf-mapserver/	Y		N We are investigating GeoServer 2.9.2 as a solution which could include WCS	Y https://acdisc.gesdisc.eosdis.nasa.gov/daac-bin/wcsL3? https://acdisc.gesdisc.eosdis.nasa.gov/daac-bin/wcsAIRSL3?	N, but currently investigating	http://modwebsrv.modaps.eosdis.nasa.gov/wcs/	Y, currently for a handful of datasets https://nsidc.org/api/mapservices/NSIDC/ows?service=wcs&version=1.1.1&request=GetCapabilities	Y	N	Y (via THREDDS) eg. http://thredds.jpl.nasa.gov/thredds/wcs/ncml_aggregation/SalinityDensity/aquarius/aggregate__AQUARIUS_L3_SSS_SML_7DAY-RUNNINGMEAN_V4.ncml?service=WCS&version=1.0.0&request=GetCapabilities	Y WCS 2.0.1: http://sedac.ciesin.columbia.edu/geoserver/ows?service=WCS&version=2.0.1&request=GetCapabilities WCS 1.1.1: http://sedac.ciesin.columbia.edu/geoserver/ows?service=wcs&version=1.1.1&request=GetCapabilities			
	Do you have Web Feature Service (WFS) enabled? (Y/N; URL for endpoint)	N	Y		N We are investigating GeoServer 2.9.2 as a solution which could include WFS	N	N	N	Y, currently for a handful of datasets https://nsidc.org/api/mapservices/NSIDC/ows?service=wfs&version=1.1.0&request=GetCapabilities	Not Yet, but are working on this now.	N	N		Y		
	Do you have Web Map Tile Service (WMTS) enabled? (Y/N; URL for endpoint)	N	N		N We are investigating GeoServer 2.9.2 as a solution which could include WMTS	Y	Y, but see note above	N (in progress)	N	N	N	Y		Y		
	Do you have ArcGIS Image Service enabled? (Y/N; URL for endpoint)	N	Y		N	N (but in progress)	Y, but just prototype	N	N	Y	N	N		Y		
	Do you have w10n enabled? (Y/N; URL for endpoint)	N			Y (as Hyrax "viewer" on certain datasets; example, https://ghrc.nsstc.nasa.gov/opendap/w10n/msu/t2lt/data/nc/tltday_5.6.nc/)			N (evaluating)	N							
	Do you have Web Processing Service (WPS) enabled? (Y/N; URL for endpoint)	N			N			N	N							
	Do you have a Geoprocessing Service enabled? (Y/N; URL for endpoint)	N			N Exploring Geoserver 2.9.2			N	N							

	<p>Do you experience a lack of technical expertise?</p> <p>(Y/N - If Y, what experience are you missing and what do you need?)</p>	N	N		Y (Detailed information on OPeNDAP server-side functions and their documentation)	N	N	N		N	N	N	N	
	<p>What is unavailable or inadequate in your current Softwares or Programs?</p> <p>(Open Text)</p>	Subsetting, Tiling, Mosaicking, Reprojecting, using data in Object Storage with MapServer, Hydrax			Ability to subset /map data in broad array of formats (we are investigating ERDDAP as a solution)				We have had trouble getting geospatial subsetting working in Hyrax OPeNDAP. We are exploring capabilities of WCS for subsetting, reformatting, reprojecting and aggregation.					
	<p>Do you find adequate and available Softwares or Programs?</p>	N/A	Y, but agree improvements would be helpful (e.g. maturation of WCS on OPeNDAP) and on need for better support of CF discrete /trajectory/... data in THREDDS - that work is ongoing)		We were not able to achieve satisfactory results when utilizing Hyrax's built-in Godiva /ncWMS combination in the past, and this is why we are investigating GeoServer	Y (but agree on needing improvement)	Y, but improvements would be helpful (e.g. maturation of WCS on OPeNDAP)	Y	N	Y (but expect improvements, e.g. better support of CF discrete /trajectory/... data in THREDDS)	Y	Y (agree on need for better support of CF discrete/trajectory/... data in THREDDS - that work is ongoing)	Y (WPS has been an issue)	
	<p>What Softwares or Programs do you require?</p> <p>(Name(s))</p>	Don't know							NA					
	<p>Do you experience data distortion or quality issues?</p> <p>(Y/N - If Y, explain)</p>	N	N		N	N (but science team may occasionally find issues in data and then reprocess)	??	N		N	No idea what you mean by this.	N	Y -- size limits in data access can require loss of spatial detail (lower resolution)	
	<p>Do you have concern over data integrity?</p> <p>(Y/N - If Y, explain)</p>	N	N		N	N	N			N	N	N	N	
	<p>Do you experience challenges with login and access controls?</p> <p>(Y/N - If Y, what experience are you missing and what do you need?)</p>	N	Y		Y Some 3rd party software does not work well with Earthdata Login in combination with our OPeNDAP system	N	N	Y (Connecting URS to 3rd party software)		Y	N	Y (unclear how URS will play with some of these Webservices for machine-to-machine requests)	Y -- login requirements for public services can hinder interoperability	
	<p>Do you experience a lack of understanding of GIS?</p> <p>(Y/N - If Y, what experience are you missing and what do you need?)</p>	N	N		N	N	N			N	N	N	N	

[illegible]