

## Member Nodes - MNDeployment #4700

### IARC (International Arctic Research Center) Data Archive

2014-04-08 17:33 - Laura Moyers

<b>Status:</b>	Operational	<b>Start date:</b>	2014-05-15
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Amy Forrester	<b>% Done:</b>	80%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Operational	<b>MN_Date_Online:</b>	2015-05-08
<b>Latitude:</b>	64.84	<b>Name:</b>	
<b>Longitude:</b>	-147.72	<b>Logo URL:</b>	
<b>MN Description:</b>	The International Arctic Research Center (IARC) Data Archive, a long term repository for Arctic data.	<b>Date Upcoming:</b>	
<b>Base URL:</b>	<a href="http://www.iarc.uaf.edu/">http://www.iarc.uaf.edu/</a>	<b>Date Deprecated:</b>	
<b>NodeIdentifier:</b>	urn:node:IARC	<b>Information URL:</b>	
<b>MN Tier:</b>	Tier 4	<b>Version:</b>	
<b>Software stack:</b>	GMN-integrated		
<b>Description</b>			
IARC (International Arctic Research Center) Data Archive at University of Alaska Fairbanks is interesting in becoming a MN.			
IARC Data Archive (IDA) GeoNetwork Portal's purpose is:			
To improve access to and integrated use of Arctic climate-change data and information			
To provide long term archival storage of Arctic climate-change data and information			
To support decision making			
via contact us 4/4/14:			
POC: Jim Long, <a href="mailto:jlong@iarc.uaf.edu">jlong@iarc.uaf.edu</a> or <a href="mailto:jlong14@alaska.edu">jlong14@alaska.edu</a>			
<b>Subtasks:</b>			
Task # 5744: IARC: Initial Preparation			Closed
Task # 5745: IARC: Establish contact with potential MN organization			Closed
Task # 5746: IARC: Determine feasibility			Closed
Task # 5747: IARC: Planning			Closed
Task # 5748: IARC: Join DataONE			Closed
Task # 5749: IARC: Integrate MN representatives with community			Closed
Task # 5750: IARC: Create DataONE identities			Closed
Task # 5751: IARC: Create MN description document			Closed
Task # 5752: IARC: Scope the implementation			Closed
Task # 5753: IARC: Plan the implementation			Closed
Task # 5759: IARC: Testing			Closed
Task # 5760: IARC: Registration in environment			Closed
Task # 5762: IARC: SSL Certificates			Closed
Task # 5763: IARC: Generate client certificate.			Closed
Task # 5787: IARC: Replication testing (if Tier 4)			Closed
Task # 5788: IARC: Registration in environment (production)			Closed
Task # 5790: IARC: SSL Certificates			Closed
Task # 5791: IARC: Generate client certificate.			Closed
Task # 5792: IARC: Verify successful installation of client side certificate			Closed
Task # 5793: IARC: Verify successful installation of server side certificate			Closed
Task # 5794: IARC: Register MN			Closed
Task # 5795: IARC: Set up Node document			Closed

Task # 5796: IARC: Set the node status to approved (start synchronization)	Closed
Task # 5797: IARC: Synchronization	Closed
Task # 5798: IARC: Set up synchronization of the MN	Closed
Task # 5799: IARC: Content Review	Closed
Task # 5811: IARC: Authentication and Authorization	Closed
Task # 5812: IARC: Science Data access	Closed
Task # 5813: IARC: Science Metadata access	Closed
Task # 5814: IARC: Log record access	Closed
Task # 5815: IARC: Replication testing (if Tier 4)	Closed
Task # 5816: IARC: Transition to production	Closed
Task # 5817: IARC: Mutual acceptance	Closed
Task # 5818: IARC: Verify content available for Current MNs web page	Closed
Task # 5819: IARC: Create legal documents	Rejected
Task # 5820: IARC: Create news item	Closed
Task # 5821: IARC: Formal announcement	Closed
Task # 8674: IARC GMN upgrade from 2.4.1 to 3.0.4	Closed
Bug # 8845: Server is returning a 500 error.	New
<b>Related issues:</b>	
Related to Infrastructure - Story #4649: GeoNetworks Member Node software stack	Rejected

## History

### #1 - 2014-04-10 17:56 - Laura Moyers

- Status changed from New to Planning

Meeting 4/10/14 Jim Long, Bruce Wilson, Laura Moyers  
 epad: <http://epad.dataone.org/IARC-and-DataONE>

To avoid overlaps with other data archives, IARC focuses on datasets that don't have a home elsewhere.

IARC currently runs GeoNetwork, would like to have a fully-functional MN, and we can help them take incremental steps to get there, starting with metadata exposure. Until GeoNetwork is an accommodated stack, IARC could have a Generic MN installation. Bruce to provide additional information to Jim. Follow-up by 28 April (Laura).

### #2 - 2014-05-15 16:41 - Matthew Jones

- Due date set to 2014-07-31

- Start date set to 2014-05-15

- Target version set to Deploy by end of Y5Q4

### #3 - 2014-05-29 19:12 - Bruce Wilson

- Status changed from Planning to Ready

### #4 - 2014-08-12 16:19 - Laura Moyers

- Target version changed from Deploy by end of Y5Q4 to Deploy by end of Y1Q1

- Due date changed from 2014-07-31 to 2014-10-31

### #5 - 2014-10-24 16:36 - Laura Moyers

- Target version changed from Deploy by end of Y1Q1 to Deploy by end of NCTE

**#6 - 2014-11-17 18:21 - Laura Moyers**

- Software stack set to GMN
- MN Tier set to Tier 4
- NodeIdentifier set to urn:node:IARC

**#7 - 2014-11-17 18:27 - Laura Moyers**

- Software stack changed from GMN to GMN-integrated

**#8 - 2014-12-15 14:57 - Laura Moyers**

- Status changed from Ready to Testing

**#9 - 2015-01-23 16:21 - Laura Moyers**

- Target version changed from Deploy by end of NCTE to Deploy by end of Y1Q3

**#10 - 2015-05-13 15:28 - Laura Moyers**

- Status changed from Testing to Operational
- MN\_Date\_Online set to 2015-05-08
- MN Description set to *The International Arctic Research Center (IARC) Data Archive, a long term repository for Arctic data.*
- Target version changed from Deploy by end of Y1Q3 to Operational

Approved in production 5/8/15, formally announced 5/13/15.

**#11 - 2015-08-26 18:54 - Laura Moyers**

- Base URL changed from <http://data.iarc.uaf.edu/> to <http://www.iarc.uaf.edu/>

<http://www.iarc.uaf.edu/> is the main website.

<http://climate.iarc.uaf.edu/geonetwork/srv/en/main.home> is the data archive. data.iarc.uaf.edu provides broader information about data products for IARC.

**#12 - 2015-10-24 18:14 - Dave Vieglais**

- Longitude changed from 147.72 to -147.72

**#13 - 2017-08-25 02:14 - Laura Moyers**

- Assignee changed from Laura Moyers to Mark Servilla
- MN Description changed from *The International Arctic Research Center (IARC) Data Archive, a long term repository for Arctic data.* to *The International Arctic Research Center (IARC) Data Archive, a long term repository for Arctic data.*

**#15 - 2017-08-25 02:30 - Laura Moyers**

See notes from 5/24/17 mtg: [https://epad.dataone.org/pad/p/IARC\\_and\\_DataONE](https://epad.dataone.org/pad/p/IARC_and_DataONE) - the actions are:

- IARC to be updated to current release of GMN v2, which will sort out any obsolescence chain oddities; we'll need support from UAF IT (Mark Barkdull ([mrbarkdull@alaska.edu](mailto:mrbarkdull@alaska.edu)) and Gwendolyn Bryson ([grbryson@alaska.edu](mailto:grbryson@alaska.edu))) for this.
- Lauren will change the DCX stylesheet to (re)allow use of dc:source to display URI/URL to content (Lauren has finished this, but it has to wait for the next Metacat update to go out); 6/12/17: Metacat 2.8.4 was released this weekend. When Metacat is updated on the CNs, the change Lauren made will be reflected in search.dataone.org. Next API release is 2.3.5, and we think the Metacat update can go out with the API release.
- There is a very small (maybe a dozen objects) number of NEW objects to be added to the IARC MN (to be done AFTER GMN update to v2.x)
- There is some content replicated to IARC; plan is to turn off receipt of (new) replicas; IARC can remain at Tier 4 to allow any updates of existing replicas to be received

**#16 - 2017-10-02 20:40 - Monica Ihli**

Email contact sent to [mrBarkdull@alaska.edu](mailto:mrBarkdull@alaska.edu) & [grbryson@alaska.edu](mailto:grbryson@alaska.edu) inviting to respond with some times of availability to setup a meeting. The purpose of the meeting would be to discuss upgrading DataONE software and if there is anything we can do to better support them as a member node.

**#17 - 2017-10-16 18:10 - Monica Ihli**

We have sudo access to the server (dahl). There was evidently a previous failed upgrade and now we are taking charge of a new upgrade attempt. The new upgrade attempt failed. There are unresolved issues in the migration script for upgrading. Roger Dahl is working on this.

**#19 - 2018-01-09 21:01 - Dave Vieglais**

- Sprint set to Ongoing Operational

**#20 - 2018-01-16 20:37 - Amy Forrester**

email bouncing: Larry Hinzman [lhinzman@iarc.uaf.edu](mailto:lhinzman@iarc.uaf.edu)  
1/16: send email to Mark Barkdull & Gwendolyn Bryson

{Gwen Reply }Larry Hinzman is now the Vice Chancellor of Research at UAF, so I believe may be removed from your contact list.  
\* add Scott Rupp ([tsrupp@alaska.edu](mailto:tsrupp@alaska.edu)) as the Principal Investigator or Project Lead. Scott is the Deputy Director of IARC.

**#23 - 2018-08-01 02:09 - Amy Forrester**

James Long [jlong15@alaska.edu](mailto:jlong15@alaska.edu) returning to UAF/IARC this Fall as an adjunct

**#24 - 2018-08-31 15:18 - Mark Servilla**

- Assignee changed from Mark Servilla to Roger Dahl

**#25 - 2019-06-19 20:20 - Amy Forrester**

Amy is the Data Manager and Analyst for two organizations within IARC (SNAP and CASC), but is not the archive manager of IARC data nor this node. Amy was looking into IARC's status as a member node and what it may take to maintain that or improve it over time. If possible, we'd then assess what staffing may be needed and obtain funds to support such an effort and also query researchers as to their thoughts on a path forward.

That said, Amy indicated it would be fine to have her listed as the point of contact, but please don't assume that she's managing all IARC data or this node at this time. We're simply looking into options at this point.

**#26 - 2019-10-08 15:18 - Dave Vieglais**

- Assignee changed from Roger Dahl to Amy Forrester