

# DRI Data Management Update

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# DRI Data Management Update

DRI Data Management activity areas:

- Data support for network
  - Data Managers and Data Access Integration (DAI)
- DRI Data Legacy
  - Data Management Working Group

# Data Support Updates

DAI provides

<http://loki.ouranos.ca/DAI/login-e.php>

Over North America

- Regional climate models (CRCM)
- Reanalysis (NARR)
- Global Climate Models (CGCM2, CGCM3, HADCM3, ECHAM4)
- Observations (stations from all over Canada)
- Predictors

Over the prairies

- NDVI (region above the prairies)

# Data Support Updates

Also

- Downscaling tools
  - Automated Statistical Downscaling (ASD)
  - Statistical Downscaling Model (SDSM)
  - Stochastic Weather Generator (LARS-WG)

And

- Tutorials on how to visualise data with Google Earth

Coming really soon!!

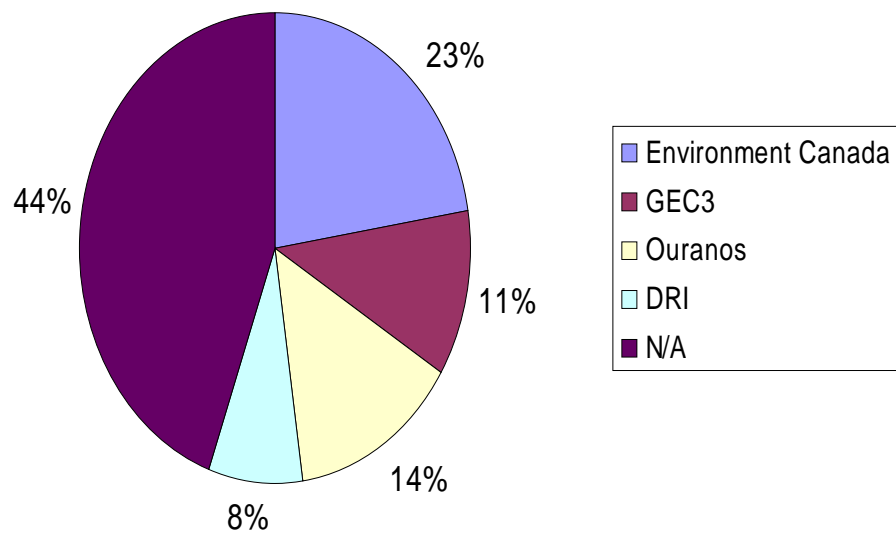
- Regional climate models (ARPEGE and models from the NARCCAP project over North America)

# DAI statistics

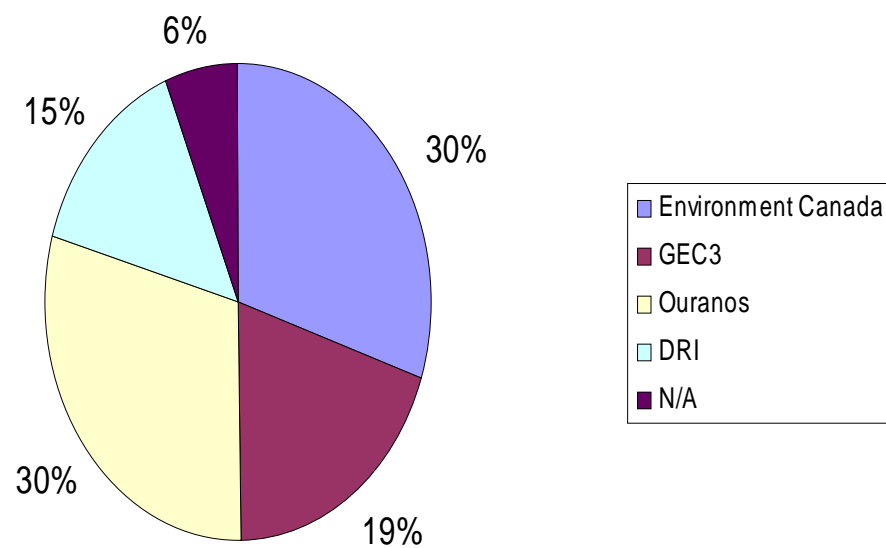
Institutions	Number of users	Number of requests (one variable for one level)	Number of ASD downloaded	Number of predictors downloaded
Environment Canada	74	885	11	75
GEC3	37	566	4	37
Ouranos	45	874	5	46
DRI	26	426	1	26
N/A	145	175	60	145
<b>Total</b>	<b>327</b>	<b>2926</b>	<b>81</b>	<b>329</b>

# DAI statistics

## % of user per institution



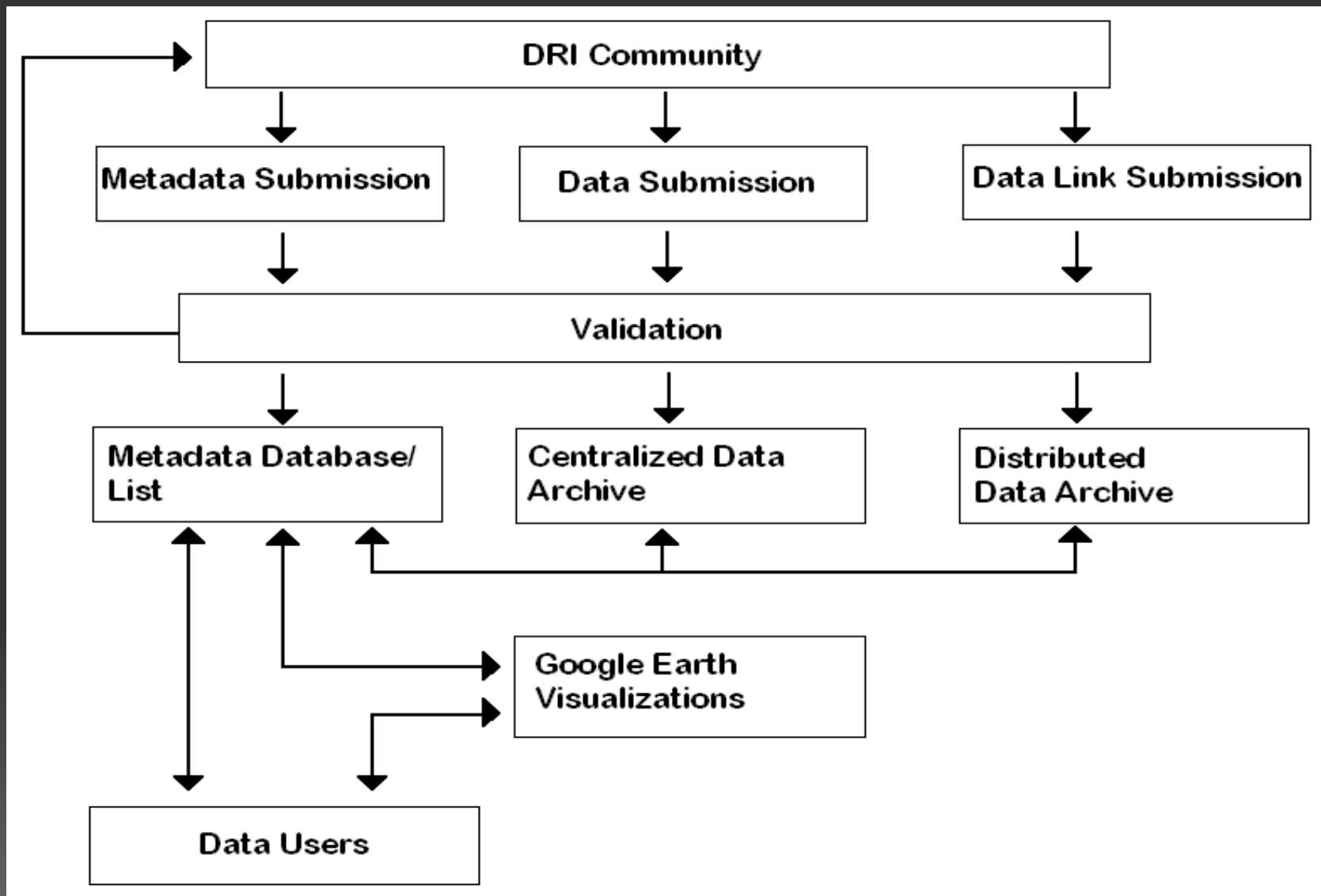
## % of requests per institution



# DRI Data Legacy

- is an effort to integrate and synthesize access to the data of DRI
- it will be developed to make data available to end users after DRI is completed
- consist of
  - a comprehensive centralized store of metadata
  - available DRI data will be centralized
  - other data will be accessible through a distributed data access system
  - data will be visualized through Google Earth

# DRI Data Legacy





# DRI Data Legacy Progress Update 1

- Developing operational metadata form
  - ISO 19115 compliant elements
  - Currently testing/evaluating form with the input of selected investigators

# DRI Metadata Form

- Metadata is collected on an online form
- Accessible via any web browser
- Goal is to be quick simple and user friendly
- Information from form once collected is transformed into validated ISO 19115 metadata

## Draft Drought Research Initiative (DRI) Metadata Entry Form

This is the Draft DRI Metadata Entry Form with elements conforming to the ISO 19115:2003 metadata standard. If there are any problems or questions contact Phillip Harder (harderp@cc.umanitoba.ca).

For a more in depth description of the elements and definitions please refer to the DRI Metadata User Guide. You will be required to fill in all mandatory elements to submit the form. Please fill in all other applicable elements as well.

\* Required

### 1. Metadata Creator \*

Name and contact information of individual who created the metadata.

### 2. Dataset Title \*

Descriptive name by which the dataset is known.

### 3. Reference Date \*

The date of the dataset that can be used for citation purposes. Specify the event of the reference date in question 4. (dd/mm/yyyy)

### 4. Date Type \*

The event used to specify the reference date in question 3.

### 5. Abstract \*

Brief narrative summary of the content of the dataset

# DRI Data Legacy Progress Update 2

- Developing comprehensive list of DRI data holdings and determining how they will be included in the Data Legacy
- Pursuing various options for storage of the Data Legacy after DRI is scheduled to end

Thank You