
DRI Data Legacy

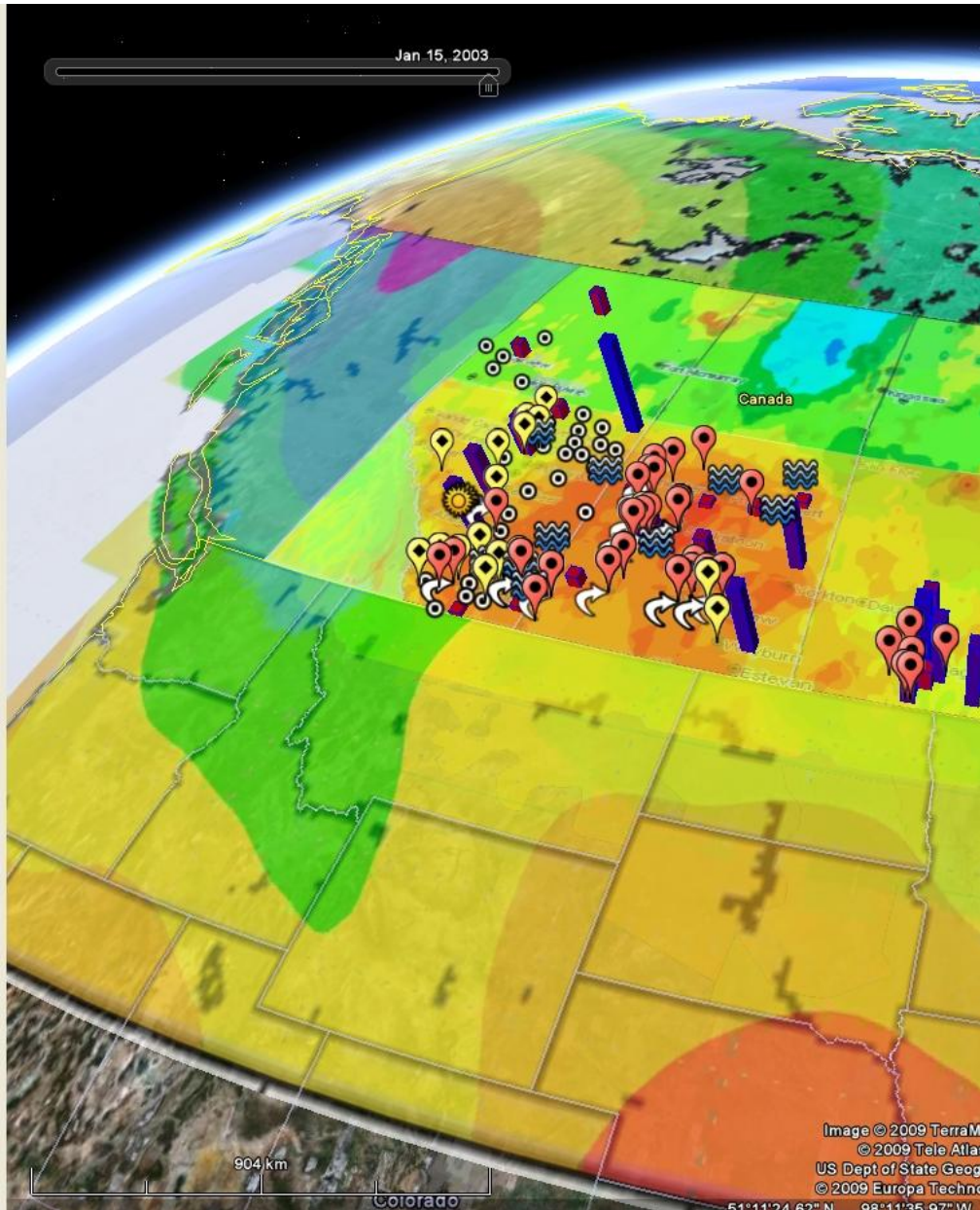
DRI Annual Workshop

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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
 - Datasets that are available will be accessible through data legacy
 - data will be visualized through Google Earth where applicable
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Selection of Data used in DRI



- GRACE Satellite Data
- Observational Groundwater
- Observational Meteorological Stations
- Gridded Temperature and Precipitation
- Hydrometric Stations
- In-situ Soil Moisture
- Dust Storm Occurrence
- Eddy Correlation
- Reanalyses Products
- Satellite Derived Cloud Data
- Spring Pond Counts
- Modelled Soil Moisture
- Modelled Evapotranspiration
- Modelled Plant Available Water
- Modelled Spring Freshet, SWE, SCA....
- Snowcover Area
- Historical seasonal/monthly forecasts
- and much more.....

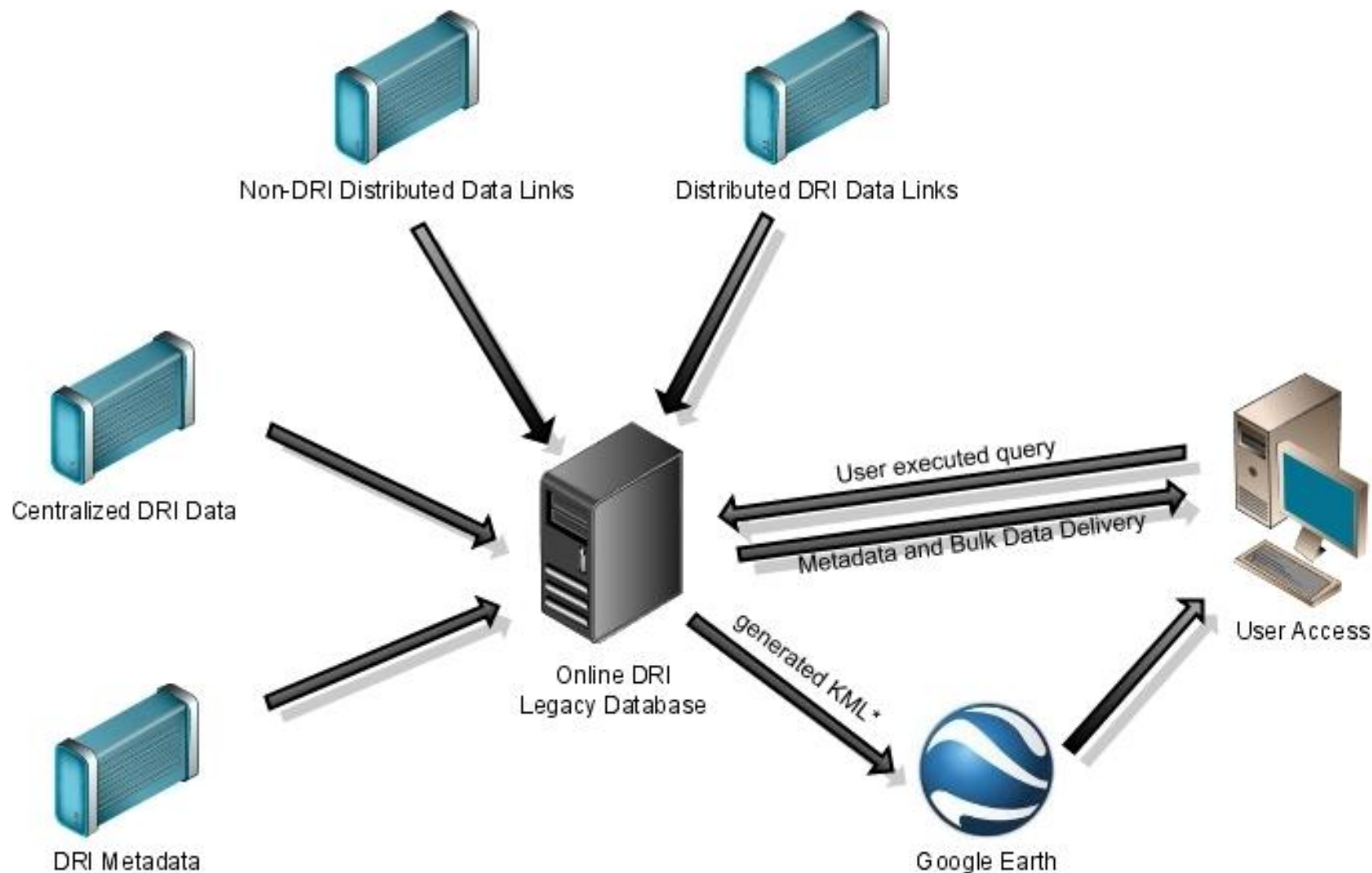
Phase 1 - Metadata

- DRI has adopted the metadata standard ISO 19115:
 - convergence towards ISO 19115 in scientific community
 - Standard will allow DRI meta data to be included in:
 - GEO, World Change Master Directory etc... and other data portals that use ISO 19115 as metadata standard
 - Metadata is being organized into a searchable relational database
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Phase 2 - Data

- Nature of DRI datasets is unique:
 - Historic focus (1999-2004/2005) means data often collected by other agencies
 - Tricky to define what a DRI datasets is and which ones to archive?
 - Data Organization Route:
 - Online Metadata Database/List will serve as data access portal
 - Available data - centralized archive
 - Unavailable data - distributed archive (links)
 - Google Earth will be used as an interactive data visualization tool were applicable
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DRI Drought Data Legacy and Decision Support Mechanism



*KML only generated if selected data is from the Centralized DRI Data

Stewardship after DRI ends

- Data legacy will be made publicly available online after DRI is scheduled to end
 - Current plans are for two archive locations
 - Environment Canada in Montreal
 - National Center for Atmospheric Research (NCAR) in Boulder Colorado
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Progress

- Online metadata form operational and collecting information
- Collection of datasets has begun
- Have had interaction with all of the DRI investigators
- Developed a DRI Data Legacy Policy for after the network ends
- Developing the [Data Legacy System](#) which links:
 - Metadata Database
 - Data
 - Other drought projects and data sources

Thank You

- Questions?

