

Community Inventory of EarthCube Resources for Geoscience Interoperability **CINERGI**



PROJECT DEMONSTRATION

LMI WORKSHOP, HANOI, AUGUST 18-22, 2014

Ilya Zaslavsky and the CINERGI team

<http://workspace.earthcube.org/cinergi>

Data Sharing is Hard!

You have to do this but there's no money



This is a great idea, but we have to be paid

Academic Librarians

We don't care if it gets done or who does it, but don't ask us to do it and don't take any money away from our research

Everyone: "Do it like we do and we'll play along."
(Of course, they all do it differently if at all.)



Funding agencies

We don't want any unfunded mandates



University Administrators



Researchers

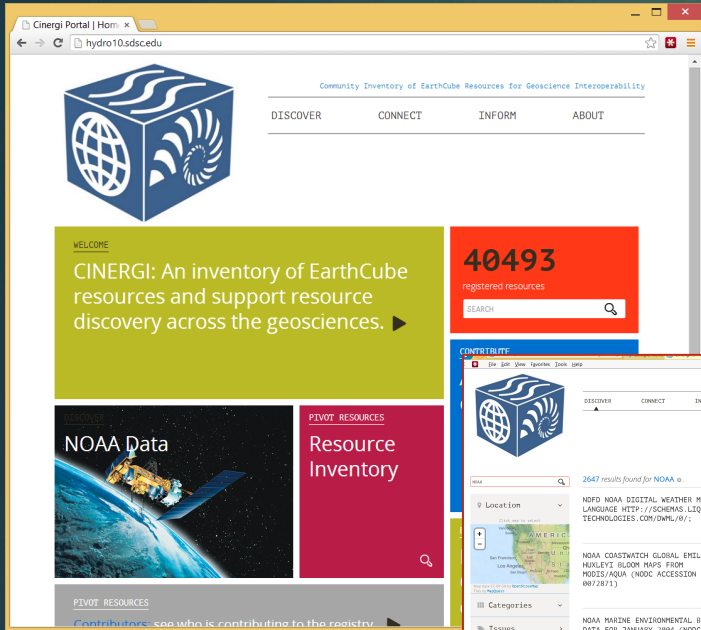


Metadata publishing

Domain Inventories

C4P RCN

SEN RCN



CInergi Portal | Home | hydro10.sds.edu

Community Inventory of EarthCube Resources for Geoscience Interoperability

DISCOVER CONNECT INFORM ABOUT

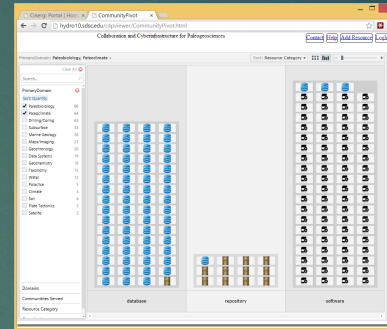
WELCOME

CINERGI: An inventory of EarthCube resources and support resource discovery across the geosciences.

40493 registered resources

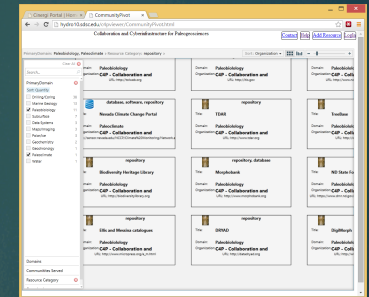
NOAA Data

Resource Inventory



Community Inventory of EarthCube Resources for Geoscience Interoperability

Resource Category: Database, Inventory, Software

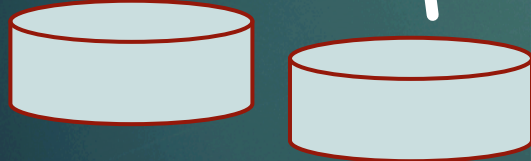


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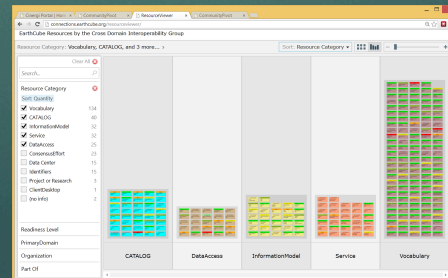
Resource Category: Database, Inventory, Software

High-level assets

Domain workshops



Catalogs

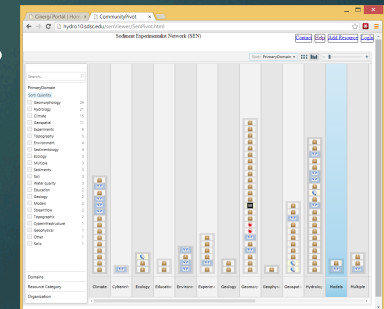


Community Inventory of EarthCube Resources for Geoscience Interoperability

Resource Category: Vocabularies, CATALOGS, and 3 more...

Search: []

Resource Category: CATALOG, DataAccess, InformationModel, Service, Vocabulary



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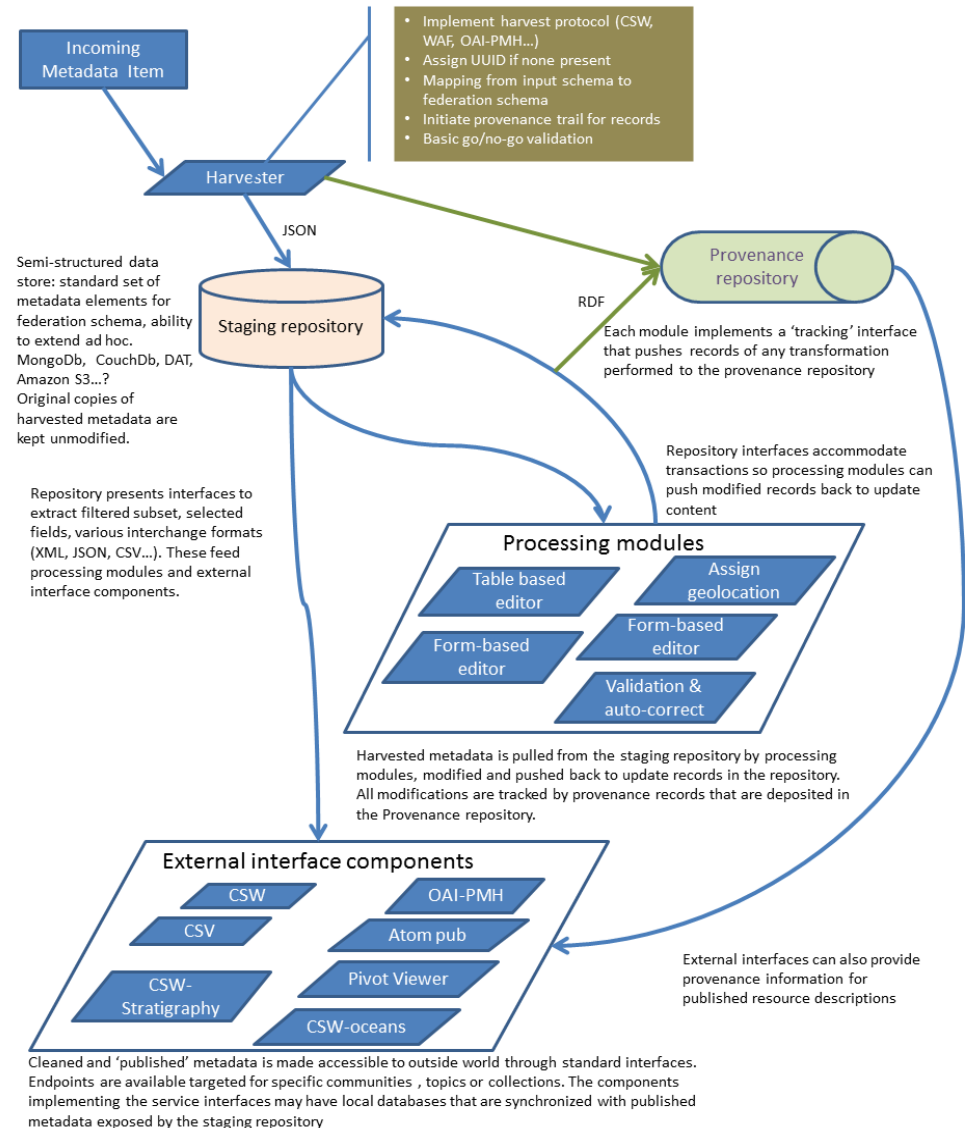
Resource Category: Database, Inventory, Software

CINERGI pipeline

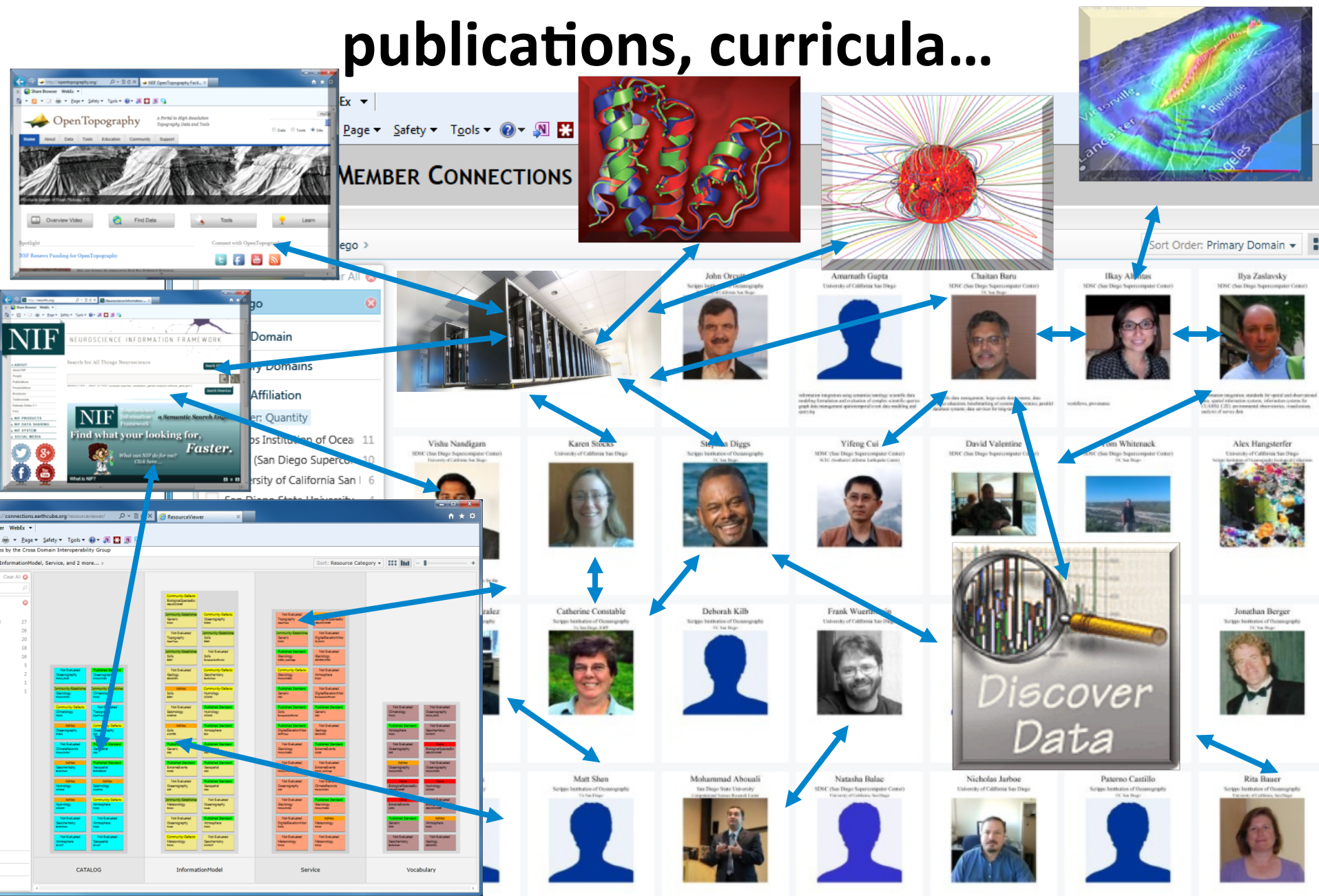
- Harvesting
- Staging
- Validation
- Action plan
- Processing
- Manual curation
- Publishing



Metadata aggregator workflow



Connecting people, projects, resources, publications, curricula...



Demonstrations:

- ▶ CINERGI geoportal front-end
- ▶ Community viewers (eg C4P and end-user workshops)
- ▶ High-level cross-domain asset inventory
- ▶ Member connections
- ▶ Catalogs of environmental models

