The

Environmental Dataset Gateway

. . . connecting EPA's Data Resources

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CENDI Work Group Meeting
May 1, 2014
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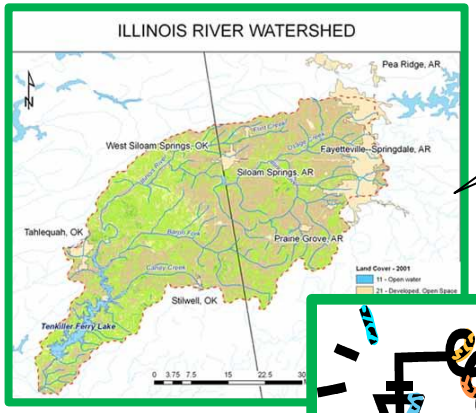
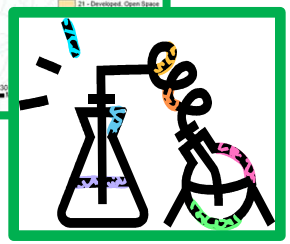
What EPA Does?

<u>Our Mission</u>: Protect human health and the environment.

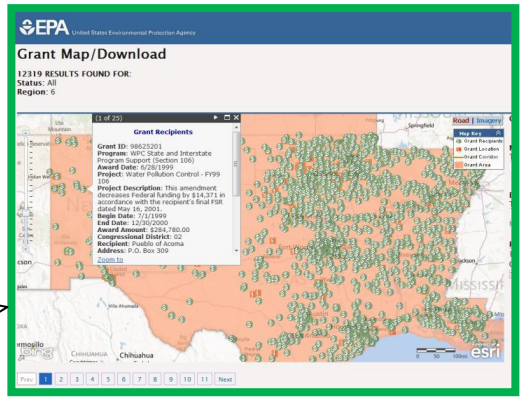
Regulate

Study





Partner



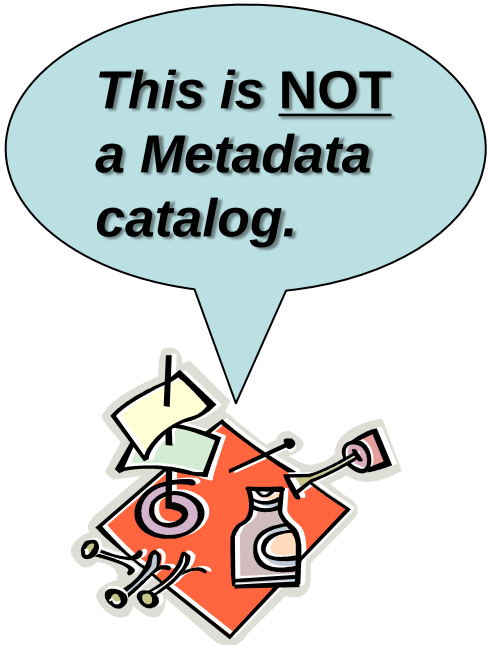
Educate

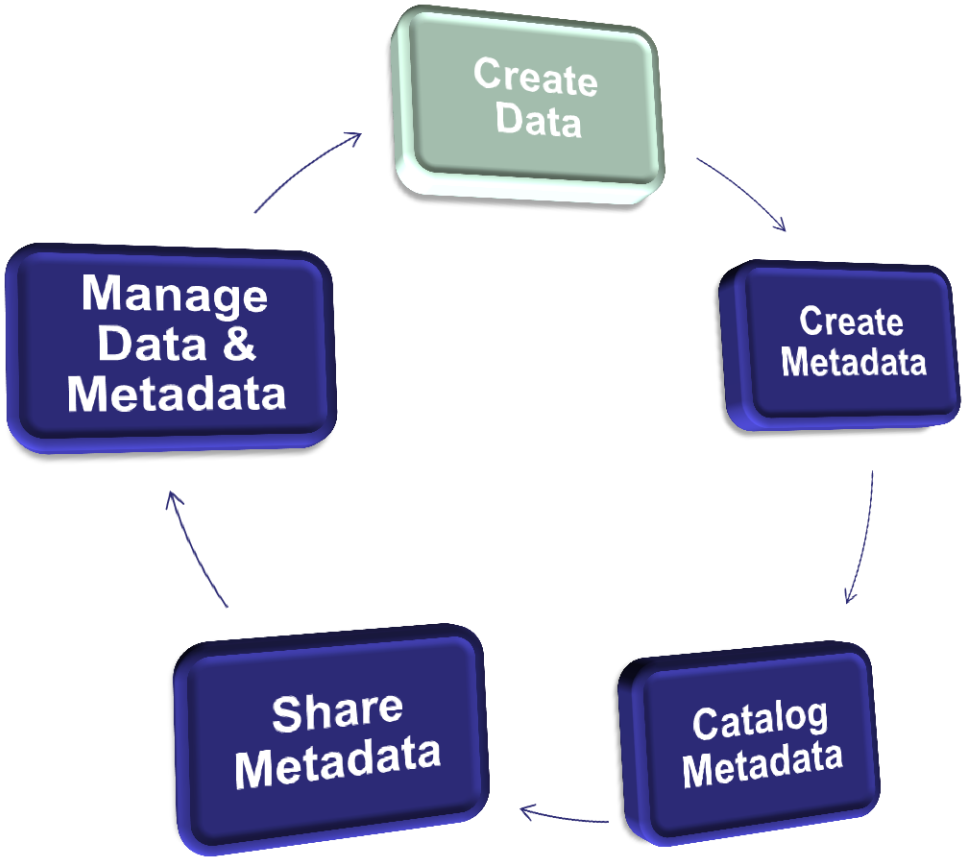
David's To Do List
☑ EPA's Mission
❑ Open Data Concepts
❑ Metadata Publishing
❑ Best Practices
❑ Wrap Up

Open Data Concepts

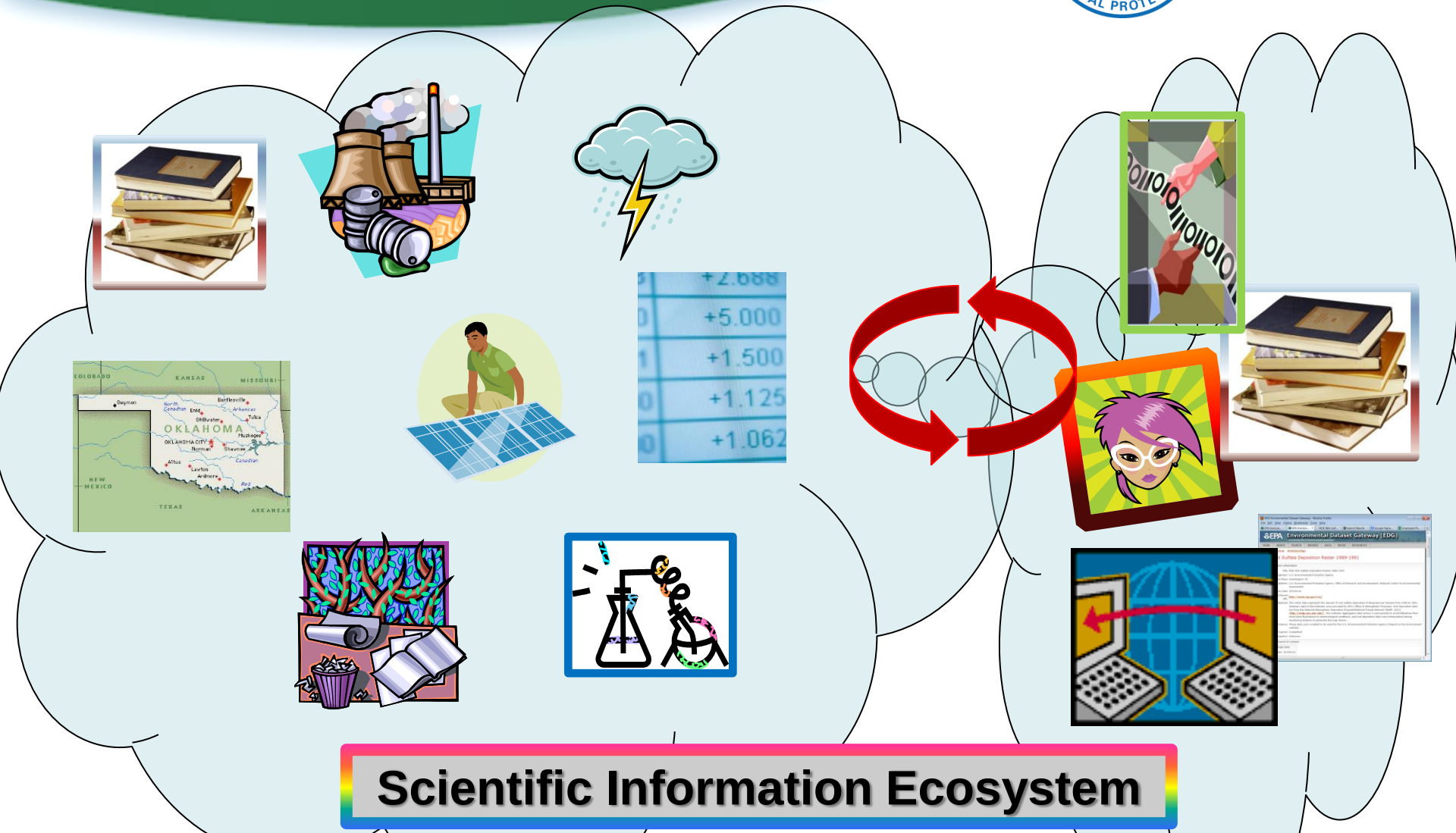
- … Open and Machine Readable the New Default …
- Data ... Was an Output. Now it is an Asset.
- Open Government Drivers: Strategies, Orders, Policies, and Guidance.
- Numerous benefits of Open Data … better access equates to a greater democracy …

EDG Metadata Publishing Cycle





Creating a Data Asset

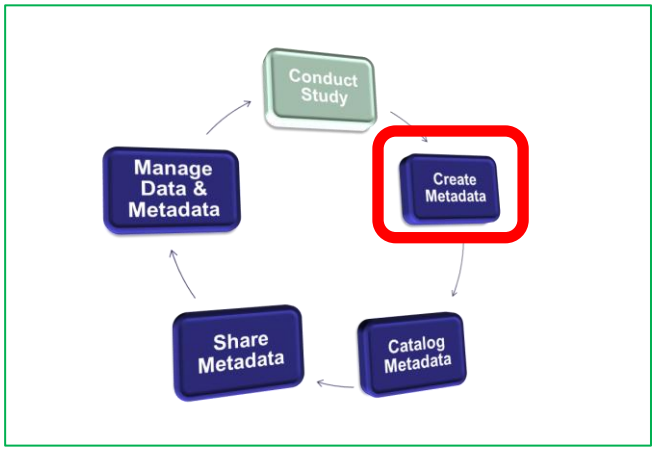


Scientific Information Ecosystem

Create Metadata – EDG

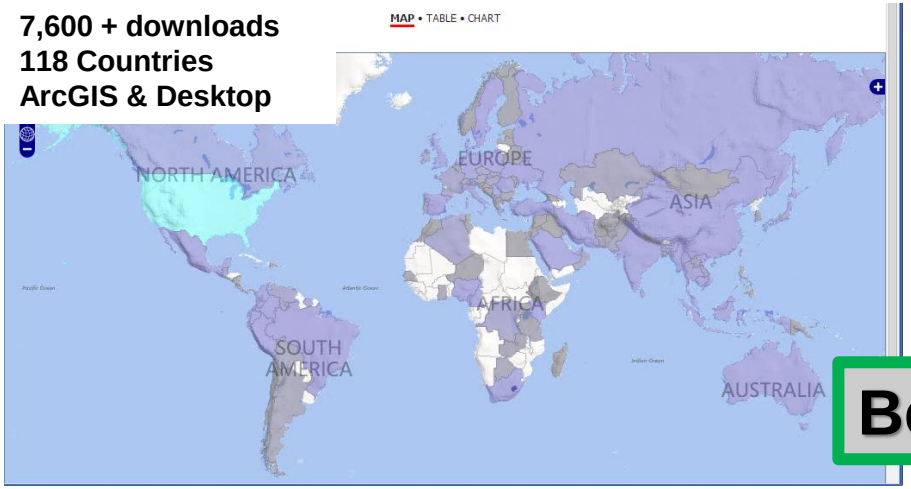
STANDARDS

- Geospatial
- Project Open Data
- Other (Dublin Core)



EPA Metadata Editor

- 7,600 + downloads
- 118 Countries
- ArcGIS & Desktop



TOOLS

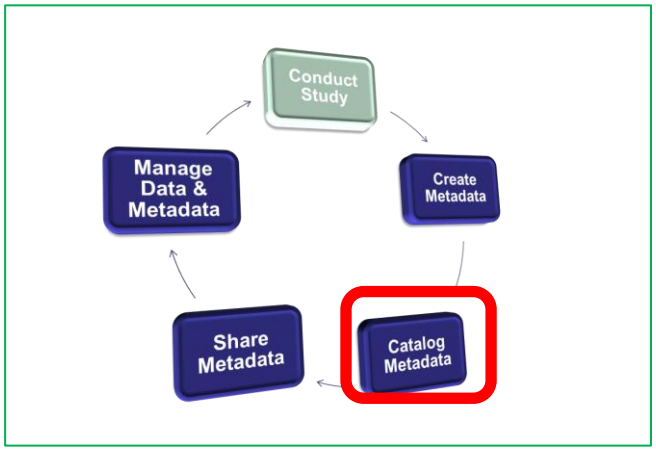
- EPA Metadata Editor
- Spreadsheet
- Guidance

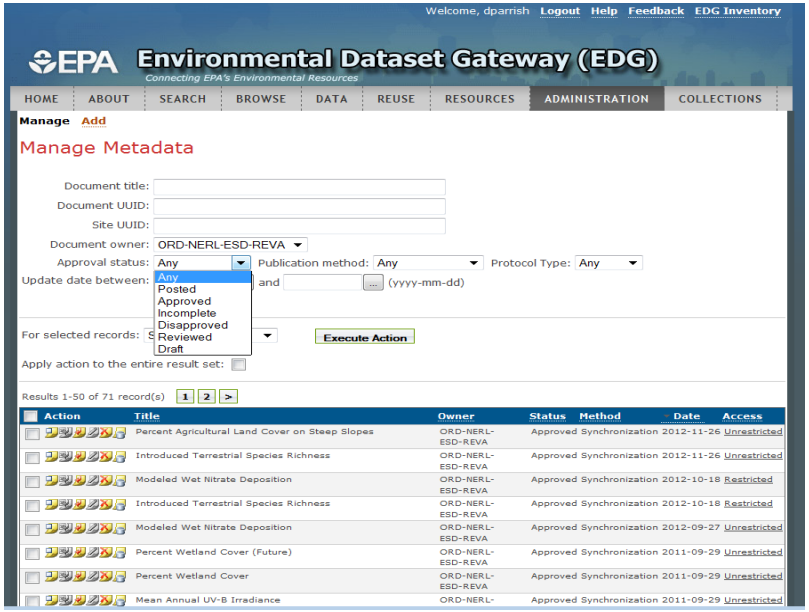
Best Practice- Validation

Catalog Metadata – EDG

CAPTURE

- Harvesting
- Uploads



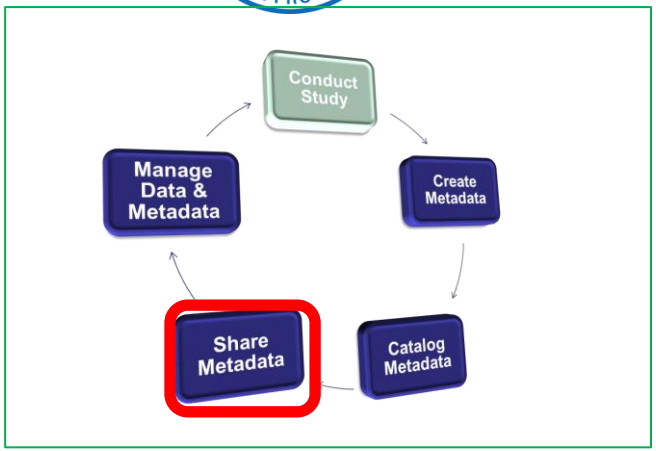


MANAGE

- Admin. Screens
- Collections
- Metrics

Best Practice- Stewardship

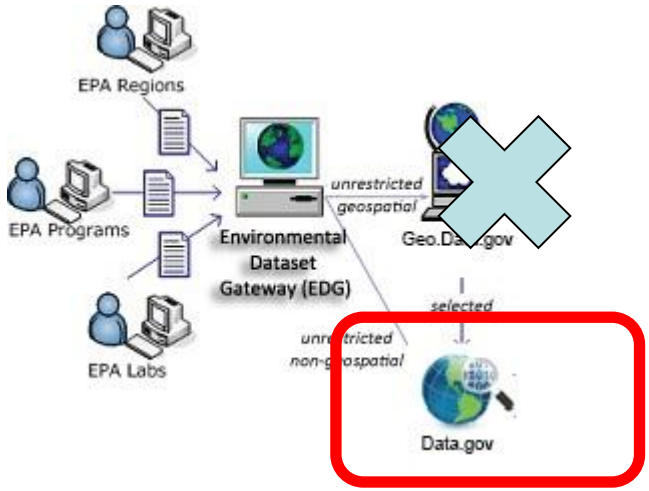
Share Metadata – EDG



SERVICES

- Discovery
- Web Services
- Downloads
- Data.Json => Data.Gov

Best Practice- Vocabulary



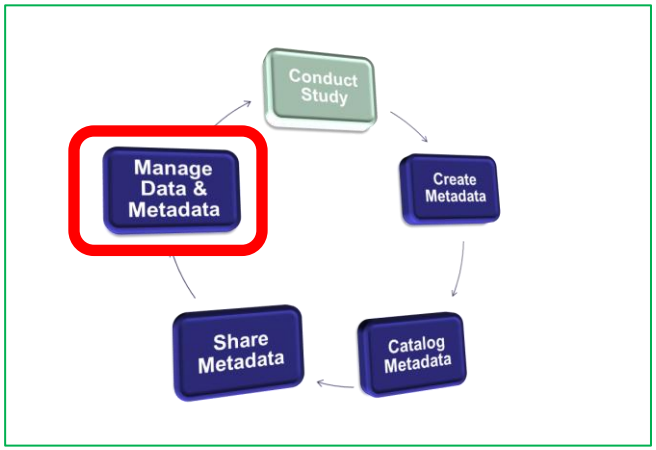
Open Data Deliverables

- Nov '13- Met the Deadline
- Feb '14- Fix our Syntax
- Quarterly- Expand, Enrich & Open
- ★ Nov. '14- an Enterprise Data Inventory

Manage Metadata – EDG

Metadata requires Stewardship!

- **Same Tools**
- **Same Catalog**
- **New Links**



Best Practice- Metrics

EDG Metrics	Public Records	Restricted Records	Total Records
ODP Deliverables	3,289 (up 44%)	888	4,177 (up 17%)
Catalog Contents	3,293	887	4,180
Dataset Downloads	5,682	378	4,579
Software Downloads			7,546

ORD-Download site +2,675 files since 2013

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QUESTIONS?

The EDG Team is "In"!
***Rx*: edg@epa.gov**
https://edg.epa.gov

blah, blah, blah …
"Metadata"
Pain & Suffering…

The
Environmental
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