



vision

EPA and Partners Metadata Implementation Project

Innovate!, Inc.

- Provide Comprehensive Metadata Training and Instruction
 - Improve metadata quality
 - Reduce level of effort required for developing metadata
 - Increase information contributed metadata clearinghouses
- Key Partners
 - US EPA
 - Headquarters, Regions, Program Offices, labs, Tribes
 - EPA's custom Metadata Editor (EME)
 - GeoData Gateway (GDG) and GeoSpatial One Stop (GOS)
 - State of North Carolina
 - 25 attendees across 14 departments

- Two Track Training

Attendees will complete surveys prior to training to characterize user needs

1. Introductory

- What is metadata and why is metadata important?
- Overview of how to develop metadata for different types of resources (geospatial data, services, applications, etc)
- How to participate in intra- and inter-agency sharing efforts
- FGDC CSDGM and NAP ISO 19115/19139 standards
- How are these standards related?

2. More experienced users

- Overview of new EME enhancements (plan to release new version summer 2008)
- Review of other ISO tools
- Understand more about relationship between FGDC CSDGM and NAP of the ISO 19115/19139

- Web Cast
 - Eight training sessions
 - Unlimited attendees from across the country

- On-Site Training
 - One interactive one-day training session
 - EPA Headquarters in Washington, DC
 - Approximately 30 attendees
 - Equipped with computers so users can develop metadata and use tools and templates as session is conducted

- All training materials will be posted to EPA's public website and other websites as desired by FGDC
 - Presentations
 - Templates
 - Sample Data
 - Tools

- Trainers will follow up with trainees to ensure they can use the information to meet their specific needs

- Reporting to FGDC will be provided throughout the project

- All materials developed will be delivered to the FGDC

Tools Used

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- EPA's Metadata Editor (EME)

EPA Metadata Editor

Basic Data Set Information | Quality, Coordinate System, and Attribute Information | Distribution & Metadata Information

Citation

* **Origin:** EPA Office of Water

* **Title:** EPAs Image Service Water Test

Publisher

* **Published by:** U.S. Environmental Protection Agency

* **Published at:** Washington, DC * **Date:** 2005

Online Linkage

** **Primary Linkage:** <http://geodata.epa.gov/wmsconnector/com.esri.wms> ✓

** **Secondary Linkage:** ✓

Description

* **Abstract:** This Image service contains information on events that have been indexed to the National Hydrography Dataset (NHD) Reach Addressing Database (RAD). The National Hydrography Dataset

* **Purpose:** The purpose of this image service is to provide users with access to events that are stored in the NHD RAD. The NHD RAD has three primary purposes. The first is simply to serve the NHD spatial

Supplemental Info: This data set is one in a series of ArcIMS Image and Feature

Time Period

* **Date:** 2006 * **What is data current to:** publication date

* **Progress:** In work * **How often is data updated?:** As needed

Bounding Box

N:71.490303 E:-67.434525 S:17.305182

* **N:** 71.490303 * **E:** -67.434525

* **S:** 17.305182 * **W:** -173.129822

Keywords

* **ISO** ** **EPA** ** **Place**

elevation Sites Alabama
environment Spills Alaska
farming Surface Water American San
geoscientificI Toxics Arizona
health Transportatic Arkansas
imageryBasef Waste California
inlandWaters Water Canada

Data Set Constraints

* **Access:** None

* **Use:** None. Please check sources, scale, a

* **Security Classification:** No Confidentiality (from meta)

Contact

Primary Person Primary Organization

USEPA Office of Water | Tod Dabolt (from m)

Refresh DB Set Default Spell Check Validate EPA

YELLOW * mandatory GREEN ** mandatory if applicable BLUE optional Click on text to link to element description Save & Close Discard & Close Help

- Participants
 - EPA Personnel
 - Grantees
 - Vendors
 - State Partners
 - Tribal Partners

- Publicizing and Advertising
 - EPA invitation to other branches of federal government
 - GOS
 - FGDC Calendar
 - National Meetings
 - PTK User Forum

Anticipated Schedule

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Item	Start	End
Training & Outreach	4/29/2008	3/23/2009
Receive Project Award (estimated)	4/29/2008	4/29/2008
Attend Spring 2007 Kick-off in Denver, CO (estimated)	5/14/2008	5/15/2008
Onsite Session	5/16/2008	7/23/2008
Prepare materials for onsite training sessions	5/16/2008	7/11/2008
Provide Training in Washington, DC	7/22/2008	7/23/2008
Web-Ex Sessions	5/16/2008	11/17/2008
Prepare for web-ex training sessions	5/16/2008	7/10/2008
Post materials to EPA & FGDC websites	7/11/2008	7/14/2008
Conduct training web-ex sessions	7/15/2008	11/17/2008
Provide On-going Consultation and Follow-up throughout training	7/15/2008	11/17/2008
Track post-training progress and address issues	11/18/2008	3/23/2009
Reporting	4/29/2008	7/13/2009
Financial Reporting	4/29/2008	7/13/2009
<i>Deliver Quarter 1 Financial Report</i>	<i>4/29/2008</i>	<i>9/1/2008</i>
<i>Deliver Quarter 2 Financial Report</i>	<i>9/2/2008</i>	<i>12/1/2008</i>
<i>Deliver Quarter 3 Financial Report</i>	<i>12/2/2008</i>	<i>3/2/2009</i>
<i>Deliver Quarter 4 Financial Report</i>	<i>3/3/2009</i>	<i>6/1/2009</i>
<i>Deliver Final Financial Report</i>	<i>6/2/2009</i>	<i>7/13/2009</i>
Summary Reporting	4/30/2008	4/29/2009
Develop Interim Report	4/30/2008	10/28/2008
<i>Deliver Interim Status Report</i>	<i>10/29/2008</i>	<i>10/29/2008</i>
Develop Final Report	10/29/2008	4/28/2009
<i>Deliver Final Report</i>	<i>4/29/2009</i>	<i>4/29/2009</i>



Next Steps

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- Begin to collect and develop materials
- Finalize schedule with EPA and partners
- Announce to all invitees and post on websites
- Begin trainings and finalize EME



Additional Information

Innovate!, Inc.

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 - Caroline Roberts
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206-201-3122 (office)
- EPA Metadata Editor
<http://geodata.epa.gov/eme.html>
- GOS
<http://gos2.geodata.gov/wps/portal/gos>