Greater NYC Open Geoportal Meeting

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Greater NYC Open Geoportal Meeting

• International OGP Summit October 2013
• Sloan Foundation

• Goals
  • Help build relationships between individuals and organizations interested in geospatial data management around the greater New York City area
  • Introduce the Open Geoportal community, software application and underlying technology
  • Work towards setting up a NYC Open Geoportal environment
The Open Geoportal

Tufts Instance
http://geodata.tufts.edu

OpenGeoportal.org
http://opengeoportal.org

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What is Open Geoportal?

A collaboratively developed, open source, federated web application to rapidly discover, preview, and retrieve, geospatial data from multiple repositories.
What is Open Geoportal?

A Collaborative Effort

- Community of best practice – STANDARDS
- Application development
- Collection development
- Metadata authoring & sharing
- Data sharing
- Data licensing
- Data sources
Live Demo

http://geodata.tufts.edu
Partners

Tufts University
Harvard University
Massachusetts Institute of Technology (MIT)
Massachusetts State GIS Office
Baruch College – CUNY
California State University – Fresno
CIESIN
Columbia University
Cornell University
Emory University
GeoCat, GeoNetwork
New York University (NYU)
Purdue University
Stanford University
State of Wisconsin
State of New Hampshire
United Nations
University of California Berkeley
University of California Los Angeles
University of California Santa Barbara
University of Connecticut
University of Iowa
University of Maryland
University of Minnesota
University of New Hampshire
University of Virginia
University of Washington
University of Wisconsin Madison
USAID – GIST
Yale University

Data

• Global to local (1:1,000,000 to 1:480)
• Domestic and international
• All time periods
• Non-restricted
• Restricted

MIT
80,000 - 100,000 Layers

Tufts
100,000 Layers

Harvard
200,000 Layers
700,000 if include maps
Highlights

- Open source
- Skinnable – reusable
- Significant Cost Savings
  - Application Development
  - Data loading
  - DB management
  - Metadata sharing/authoring
  - Data sharing
Governance

Open Source Model

- OGP Steering Group
- OGP Developer Working Group
- OGP Metadata Working Group
New Developments

- Open Geoportal 2.0
  - Improved interface and functionality
- Open Geoportal Harvester
- Open Geoportal Metadata Toolkit
- Open Geoportal Hosted Services
- OGP Crawler
  - Crawls web and automates ingest of geospatial data into cloud instance of OGP
  - Creates web services, database loading, etc.
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