

NH GRANIT Data Mapper

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Presentation Overview

- ✓ Introduction to GRANIT
- ✓ Overview of the Data Mapper
- ✓ Future enhancements
- ✓ Demo

GRANIT - NH's Statewide GIS Clearinghouse

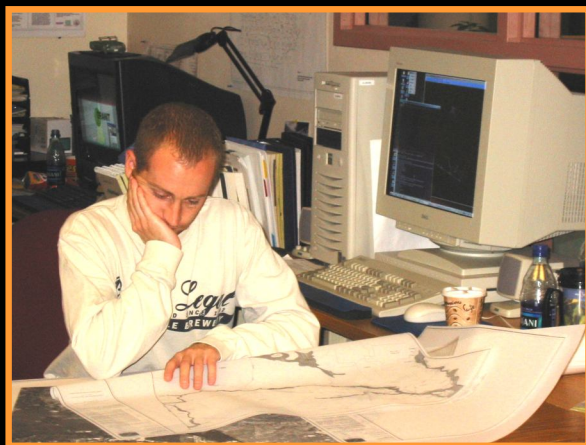
UNH Complex Systems Research Center



Fay Rubin



David (DJ) Justice



Chris Phaneuf



Jen Lingeman

What does GRANIT do?

- ✓ Create, archive and distribute data
- ✓ Coordinate statewide GIS efforts & data standards
- ✓ Complete projects involving analysis and mapping using GIS data
- ✓ Provide training and technical support

A new focus ...

- ✓ NH GRANIT Data Mapper
- ✓ ArcGIS Server - migrate the Data Mapper?
 - Clip, zip, and ship
 - Geoprocessing
 - Redlining
- ✓ Image Server
- ✓ Web Map Services (WMS)
- ✓ KMZ/KML for GoogleEarth

Overview of the Data Mapper

- ✓ Purpose: The NH GRANIT Data Mapper is a web-based mapping tool offering New Hampshire's communities, agencies and organizations, and the general public access to a comprehensive collection of geospatial data archived in GRANIT.
- ✓ Funded by: New Hampshire Charitable Foundation/New Hampshire GIS Conservation Collaborative

<http://mapper.granit.unh.edu>

System Requirements

OS: Windows 98, 2000, XP, Vista

Browsers:

- Internet Explorer 5.5 or higher (with the exception of IE 7!)
- Firefox 1.5 or higher
- Netscape Communicator 7.1 or higher

OS: Linux

Browsers:

- Firefox 1.0.7 or higher

OS: Macintosh

Browsers:

- Firefox 1.0.6
- Camino 0.8.4
- Safari 2.0

System Requirements

Display

- Minimum screen resolution: 1024 x 768

Other

- WinZip, or equivalent software, for file download
- Flash 6.0 or greater (for viewing demonstration videos)
- Insure pop-up blocker is turned off!

NH GRANIT Data Mapper

Summary Palustrine Wetlands Acreage Report

Date Generated: 06/14/2007
Reporting Units: acres

Town of Ossipee

FIPS	3070
TOWN NAME	Ossipee
TOWN ACRES	48168.5
EMERGENT WETLANDS	356.8
FORESTED WETLANDS	2564.5
SCRUB-SHRUB WETLANDS	982.3
OTHER PALUSTRINE WETLANDS	216.2
TOTAL PALUSTRINE WETLANDS	4119.8
PERCENT OF TOWN	8.6

The screenshot shows the NH GRANIT Data Mapper interface. On the left, a vertical banner reads 'NH GRANIT DATA MAPPER'. The main area displays a map of the Town of Ossipee with various wetland types highlighted in different colors. A summary report is overlaid on the map, providing details about the town's wetlands. On the right, a 'WATER RESOURCES' panel is visible, featuring a 'SELECT A THEME' dropdown and a 'Layer Menu' table. The Layer Menu table has columns for 'VISIBLE', 'ACTIVE', 'LABEL', and 'LAYER NAME'. Several layers are checked, including Political Boundaries, Roads, Water Bodies, Stream Network, and Regional Context. At the bottom of the interface, there are navigation buttons like 'GRANIT HOME', 'ABOUT', 'CONTACT GRANIT', 'FAQ', and 'WHAT'S NEW! JANUARY, 2008', along with a 'SET SCALE' dropdown set to 1:77,806 and 'APPLY', 'RESULTS', and 'LEGEND' buttons.

Data Themes:
Base Map, Water Resources, Land Conservation, Soils, Floodplains, Transportation, Geodetic Control, Wildlife, Recreation

"I work with the conservation commissions of over 78 municipalities and I use your program a lot and share it with them. It is a wonderful tool."

Steve Walker, Office of Energy and Planning

"Your sites' aerial maps with roads and streams identified are very useful. Our service area is all of NH and VT. Is there a similar resource for maps in VT?"

Nancy Lyon, President, New England K-9 Search & Rescue, New London, NH

"This is a great site for sportsmen. I use your topos lots!"

Paul Antkow

"I've just been playing with the system a little - we used a topo map as a background a few weeks back - and I'm surprised at how much can be done with it."

Donna Moxley, Features Editor, Keene Sentinel

Some "basics" ...

The help system:

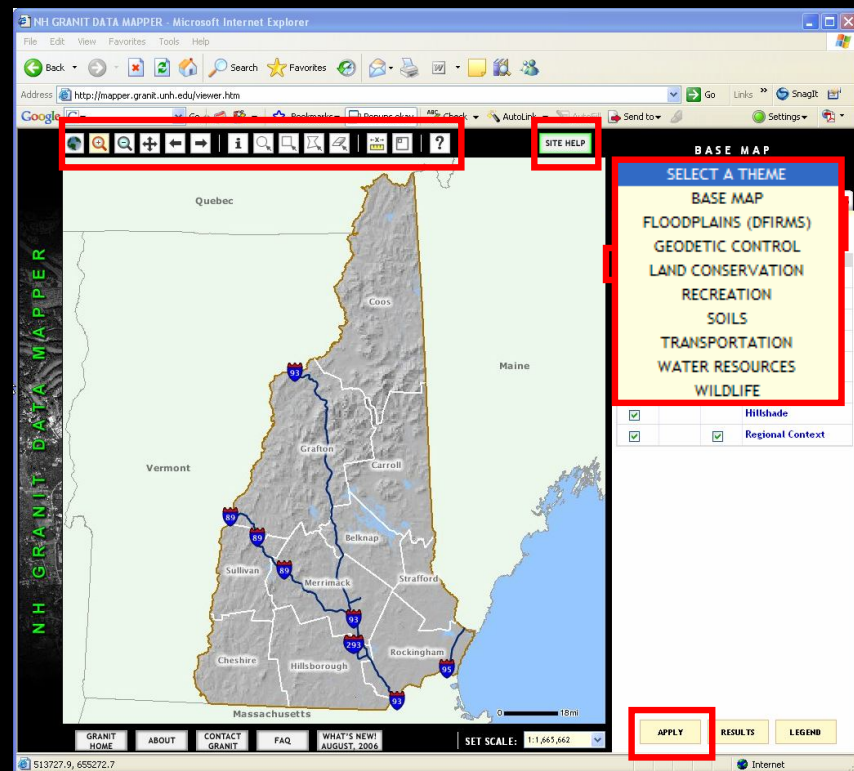
- General
- Context sensitive
- Videos

Concept of themes

Layers - Visible vs.
Active

"Apply" button

Interactive tools



Future Enhancements

- ✓ Maintenance of data layers - roads, conservation lands, geodetic control, etc.
- ✓ New data sets - stream orders
- ✓ New themes - Demographic/Census
- ✓ Additional map output formats
- ✓ Closer links to data distribution
- ✓ Redlining and geoprocessing

Demo ...

<http://mapper.granit.unh.edu>

Thank you!

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