



Multi-State GIS Collaboration

Shane White



Connecticut GIS User to User Network
A voluntary association of GIS Users





Multi-state GIS Collaboration

Ignite Spatial: Hartford

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Shane White, RIGIS Coordinator



New England Representation

- I have lived or worked in every state in New England
 - VT – grew up in Bridport, lived in Burlington
 - NH – lived in Stratham
 - ME – worked in South Portland
 - MA – worked in Danvers, Dedham & Worcester
 - CT – live in Ashford, worked in Manchester
 - RI – work in Providence



Q: Why coordinate efforts?...

A: First of all, New England is
pretty small...



Q: Why coordinate efforts?...

A: Second of all, each state has similar GIS needs...

The slide features a decorative arrangement of six circles. The top row consists of three circles: the leftmost is an empty outline, while the middle and right circles are solid light purple. The bottom row also consists of three circles: the left and middle circles are solid light purple, while the rightmost is an empty outline. The text is centered horizontally between these two rows.

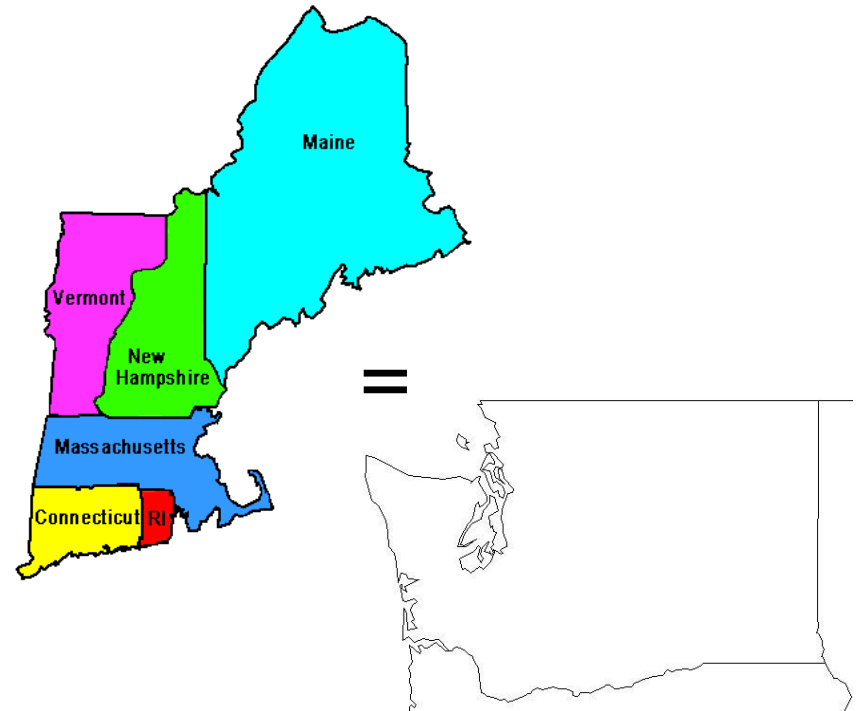
Q: Why coordinate efforts?...

A: Lastly, our high priority needs
are very similar...

Area

State	Area (sq mi)
VT	9,615
NH	9,283
ME	33,128
MA	8,262
CT	5,006
RI	1,213
<i>New England</i>	<i>66,507</i>

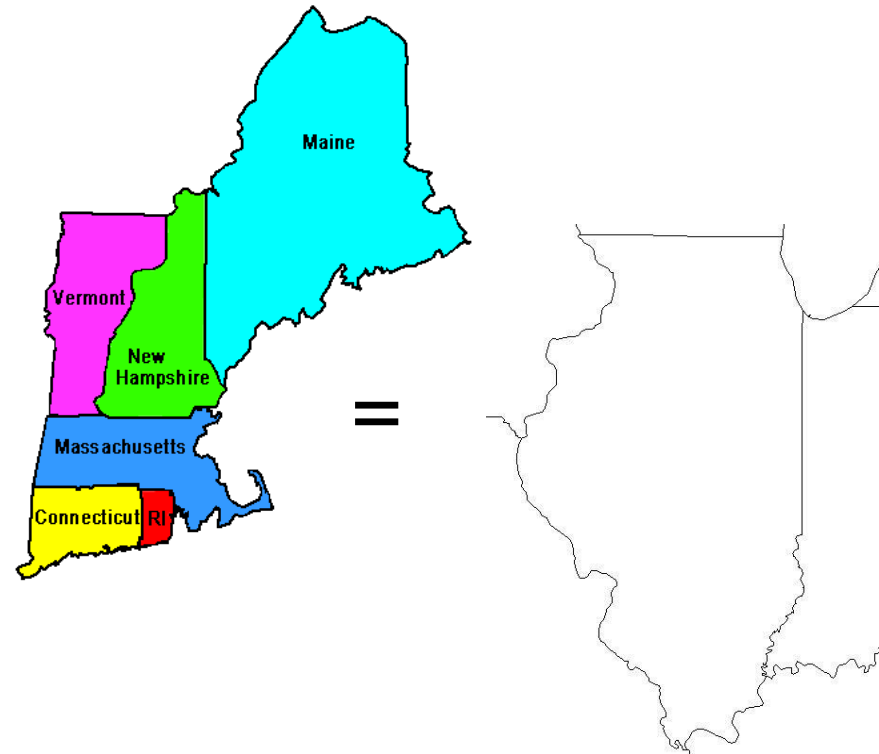
- A little smaller than Washington State with 68,126 sq mi



People

State	Pop (2010) 1000's
VT	626
NH	1,316
ME	1,328
MA	6,548
CT	3,574
RI	1,053
<i>New England</i>	<i>14,445</i>

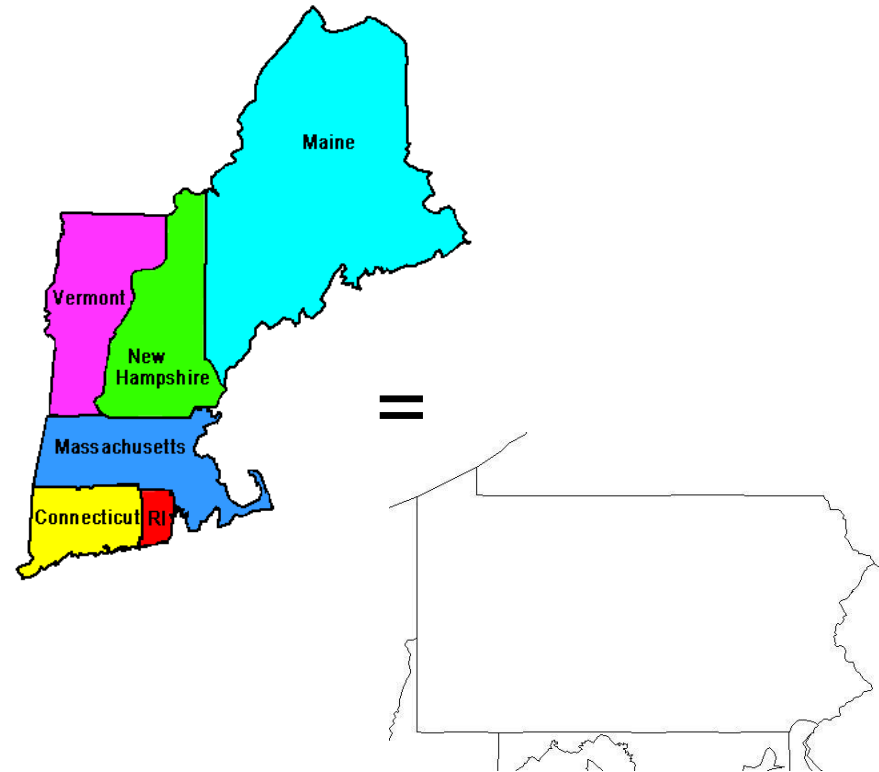
- A little more than Illinois with 12,831k people



Counties

State	Counties
VT	14
NH	10
ME	16
MA	14
CT	8
RI	5
<i>New England</i>	<i>67</i>

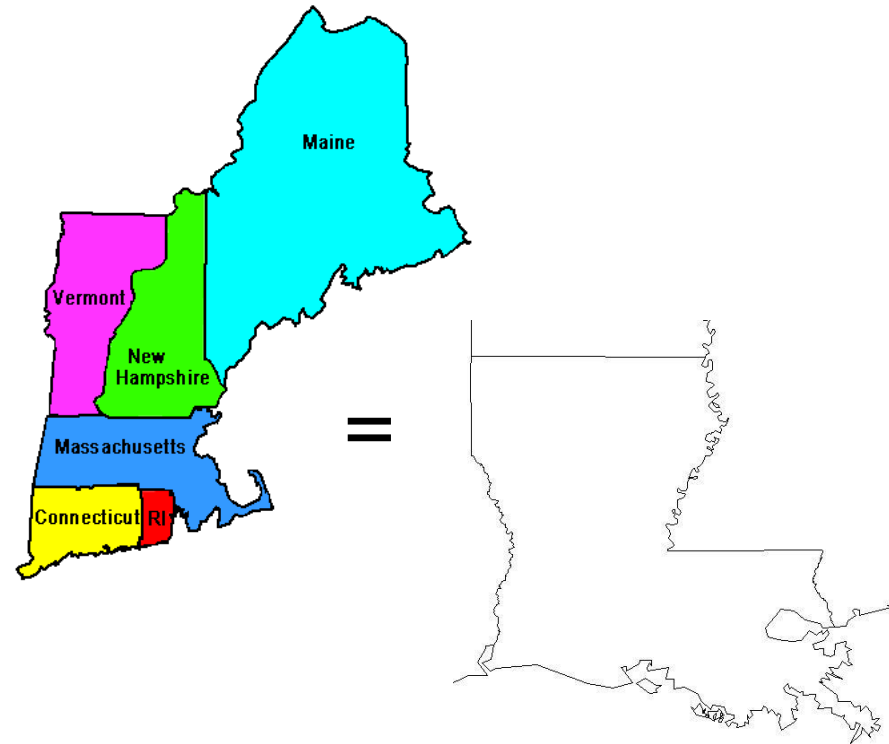
- Pennsylvania is exactly 67 counties



Coastline

State	Coastline (miles)
VT	n/a
NH	13
ME	228
MA	192
CT	n/a
RI	40
<i>New England</i>	<i>473</i>

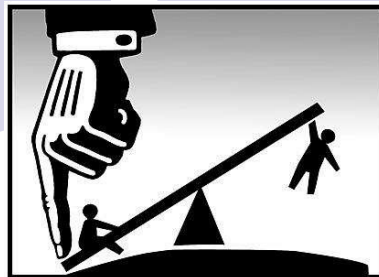
- A little more than Louisiana with 397 miles





Grants are very competitive

Advantage goes to partnerships





Staff, Budgets, and Time are Limited

**Priorities are many
Each one is a project onto itself**



We are already collaborating...

NEARC, NEURISA, GITA-NE,
NSGIC, State User Groups,
Ignite Spatial Talks!



6 Initiatives for 6 States

A sales pitch

1) NorthEast LiDAR

(aka LiDAR for the NorthEast)

- Led by State of Maine (THANK YOU!)
- NY, NH, ME, MA, CT and RI
- ARRA funds from USGS
- Utilized USGS Contracting mechanism
 - Met USGS LiDAR specs
- Approx. 100 letters of support

By joining together, we “showed up on their (USGS’) RADAR”.

2) Broadband New England

- Led by State of New Hampshire (THANK YOU!)
- Joint effort of New England States
- Private / Public / Non-profit involvement
- NTIA not providing enough guidance
 - Many technical options needing clarification
- Less competitive = more sharing

Touted as the most successful national mapping project thus far by NSGIC!

3) Northeast Parcel Collaborative

- Led by State of Vermont (THANK YOU!)
- NY, VT, NH, ME, MA, CT and RI
- Similar land records methodology
- Discussed at regional GIS meetings
- ex. RI & MA invited to attend CT state & regional planning agency meeting

Need to define multi-state parcel mapping specification and standards to go after federal funding for compilation, standardization and maintenance.

4) Addresses



- The Commonwealth of Massachusetts has an agreement with NAVTEQ (lead?)
- NGA contract w/ NAVTEQ to states for EM uses
- States wrestle with “authoritative” sources
- NSGIC “Addresses for the Nation”
 - NENA and USPS taking the lead

Geocoding services needed to map a wealth of statewide data!

5) Orthophotography / Satellite Imagery

- How about the State of Connecticut for a lead?
- Public / Private partnership potential
- Economy of scale
- Digital Imagery captured with spatial info
- Vendors looking to resell imagery by “hits”
- Satellite Imagery resolution is getting better

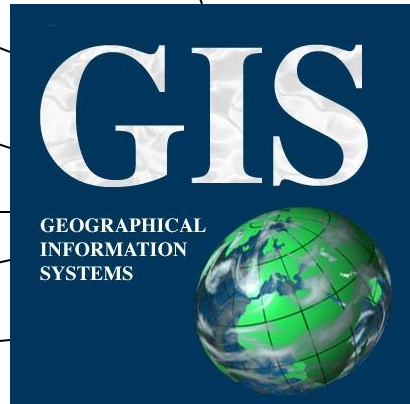
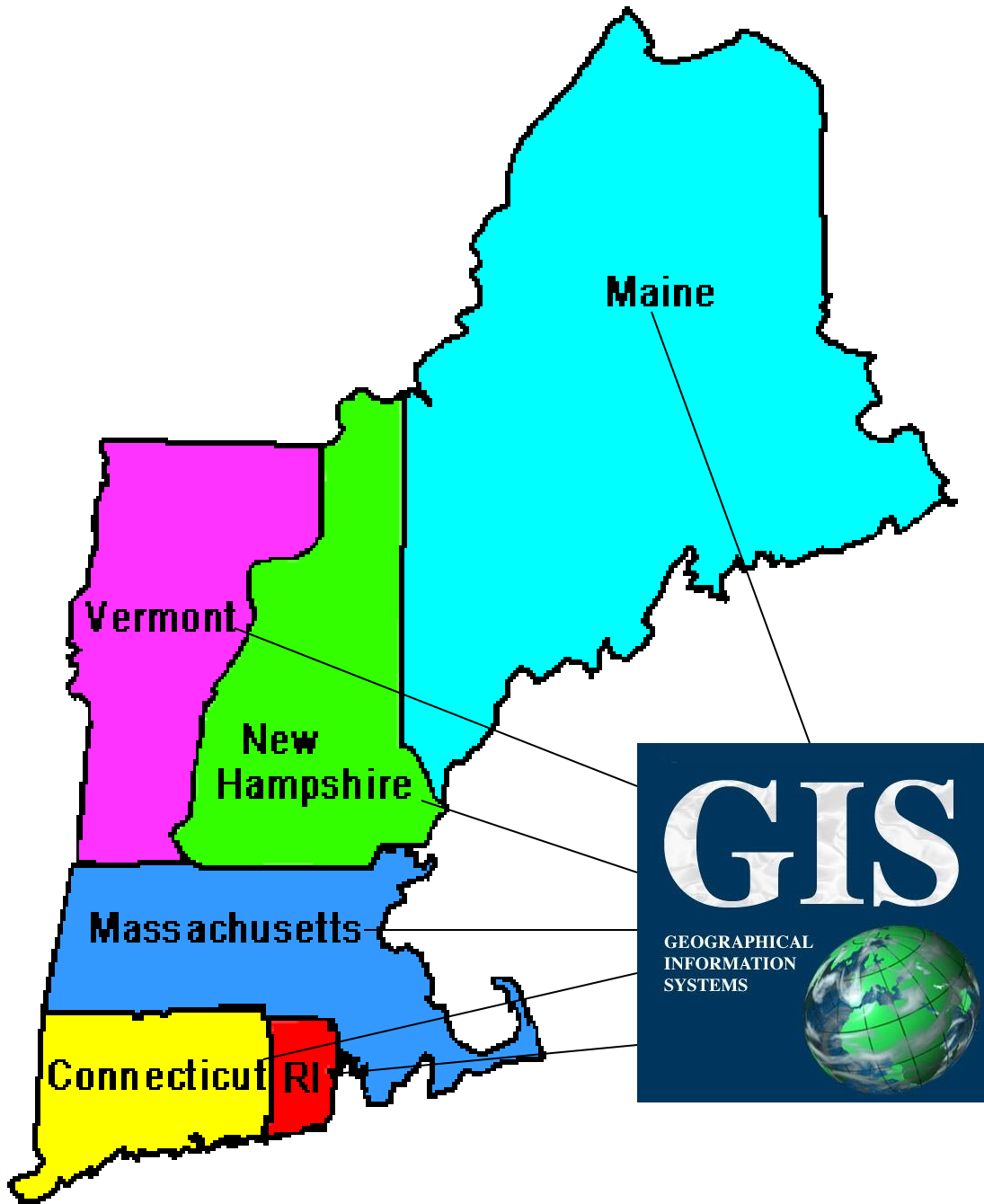
Very competitive market ripe for new teaming opportunities

6) Geospatial Portals

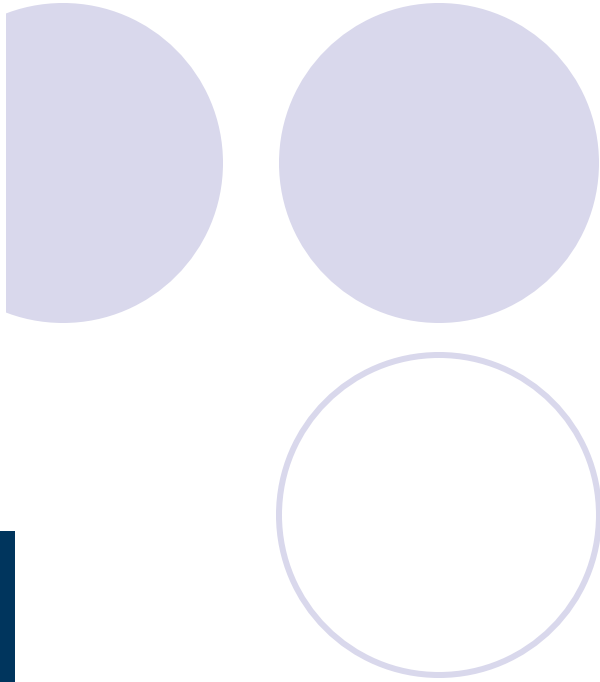


- The State of Rhode Island could the lead!
- Many Federal portal tools
- NSGIC trying to force Feds to pick one
 - Meanwhile they have developed their own
- Esri has several tools
- Open source options

Let's figure this out together!



Let's Do This!



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