

Digital Coast Partnership

Coastal GeoTools '09

DIGITAL
COAST

NOAA Coastal Services Center

The Nature Conservancy

Coastal States Organization

National Association of Counties

Association of State Floodplain Managers

National States Geographic Information Council

NSGIC



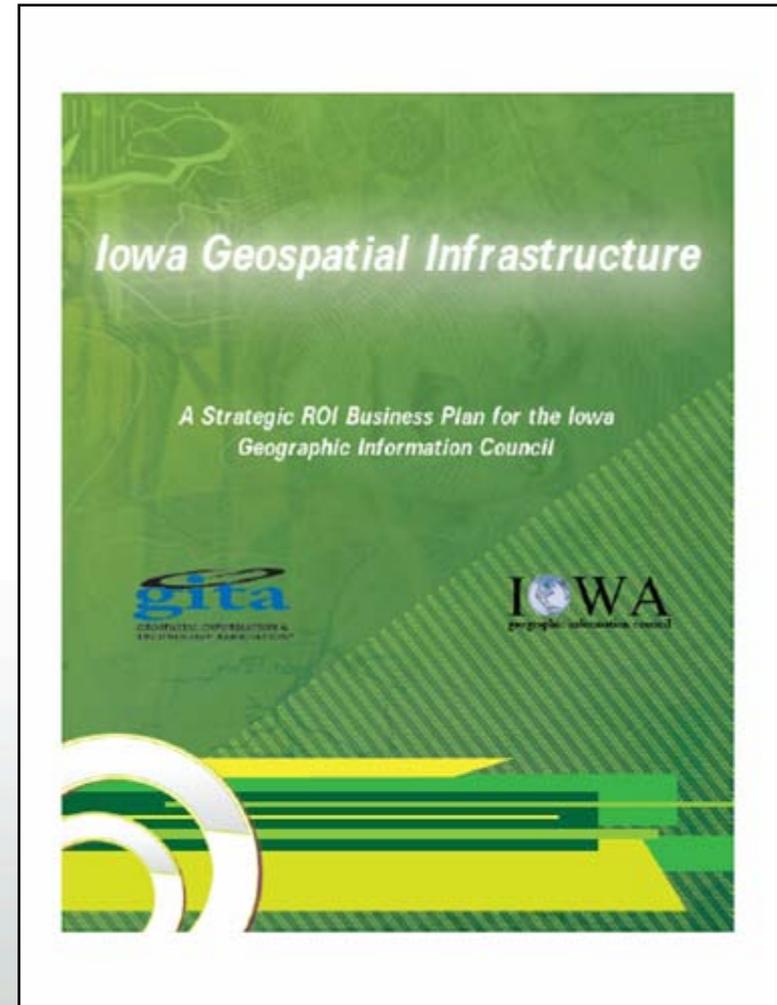
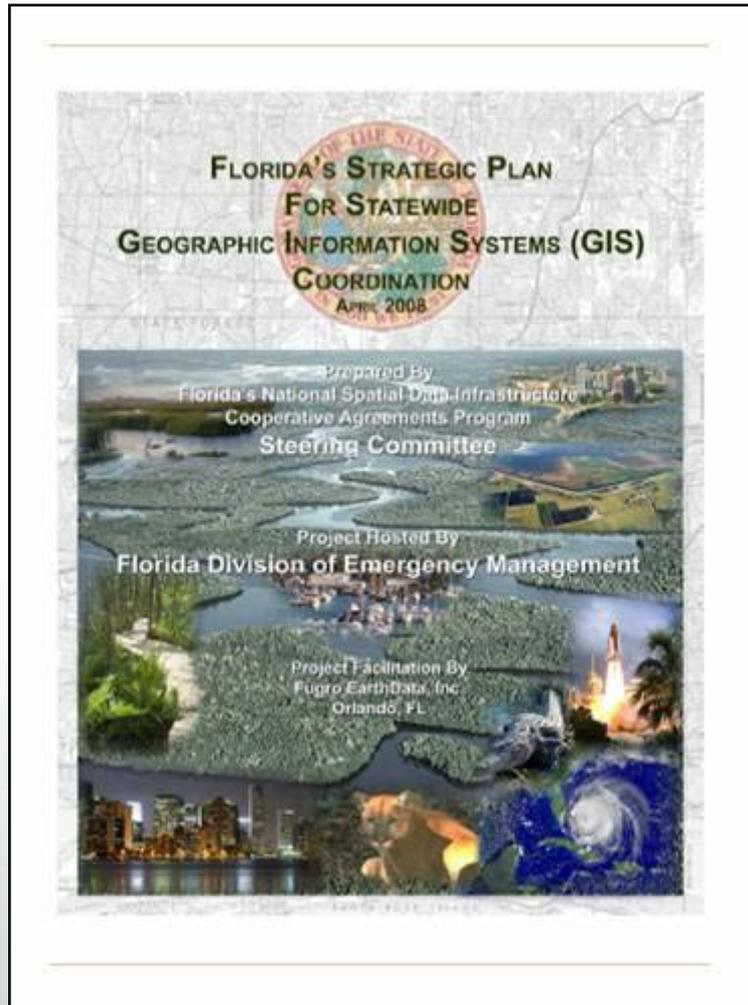


Fifty States, DC, and Insular Territories

The National States Geographic Information Council (NSGIC) is an organization committed to efficient and effective government through the prudent adoption of geospatial information technologies



Strategic & Business Plan Development





System & Standards Development

Baraga County - Windows Internet Explorer

http://arcims.wupdr.org:8398/Baraga/mapviewer.jsf?width=902&height=661

File Edit View Favorites Tools Help

Norton **Phishing Protection on** Identity Safe Log-ins

Web Search Bookmarks Settings Mail My Yahoo! Answers

Baraga County

Baraga County

Home | Contact Us | Information | Links | Newsroom | Contact Us | National Map | WUPDR/Home

Results

Result Details

Map Contents

- Baraga
- Highway
- Local Roads
- Rivers and Streams
- Lake and Ponds
- Village
- Townships
- Town and Range
- Sections
- State Park Administrative Boundary
- State Forest Administrative Boundary
- Wilderness Area
- Forest Service Ownership
- County Boundary
- Topographics.sid
- 2006 NAIIP.sid
- 2005 NAIIP.sid

Navigation

Map Overview

LANSE

51N33W

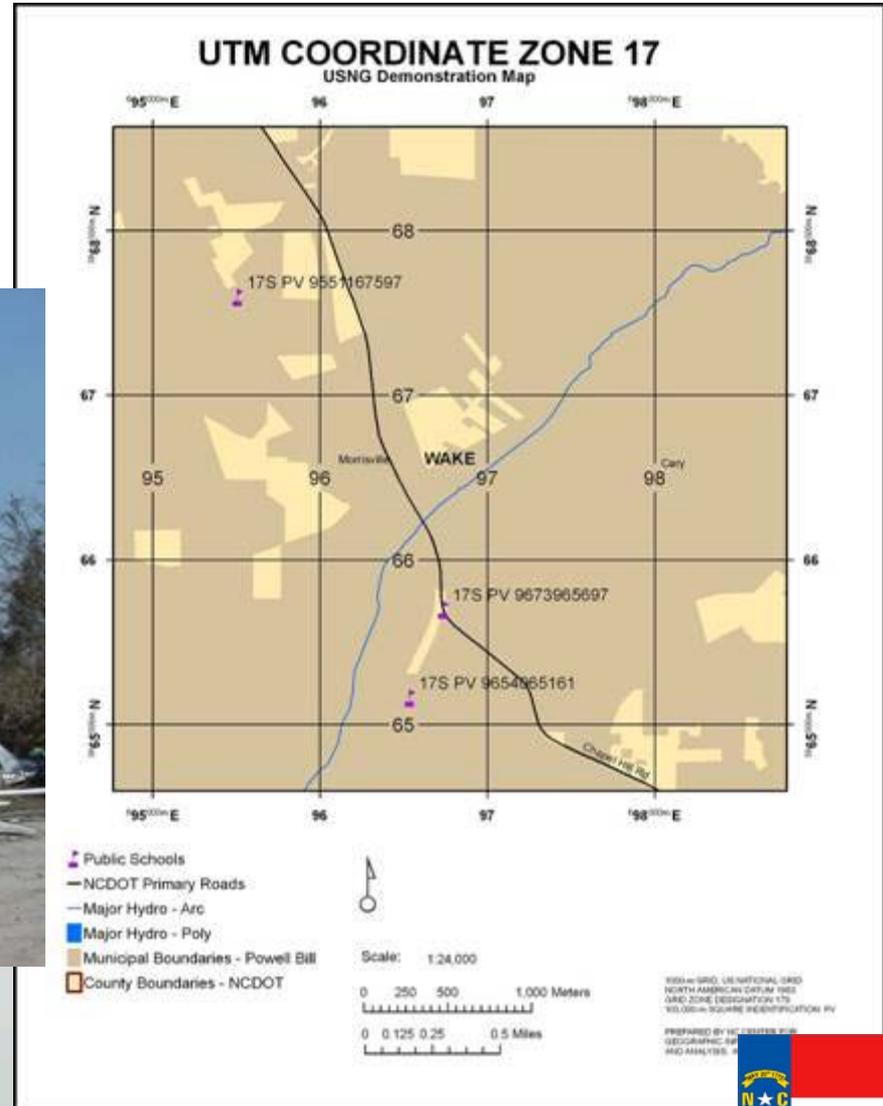
50N33W

Internet | Protected Mode: On 100%



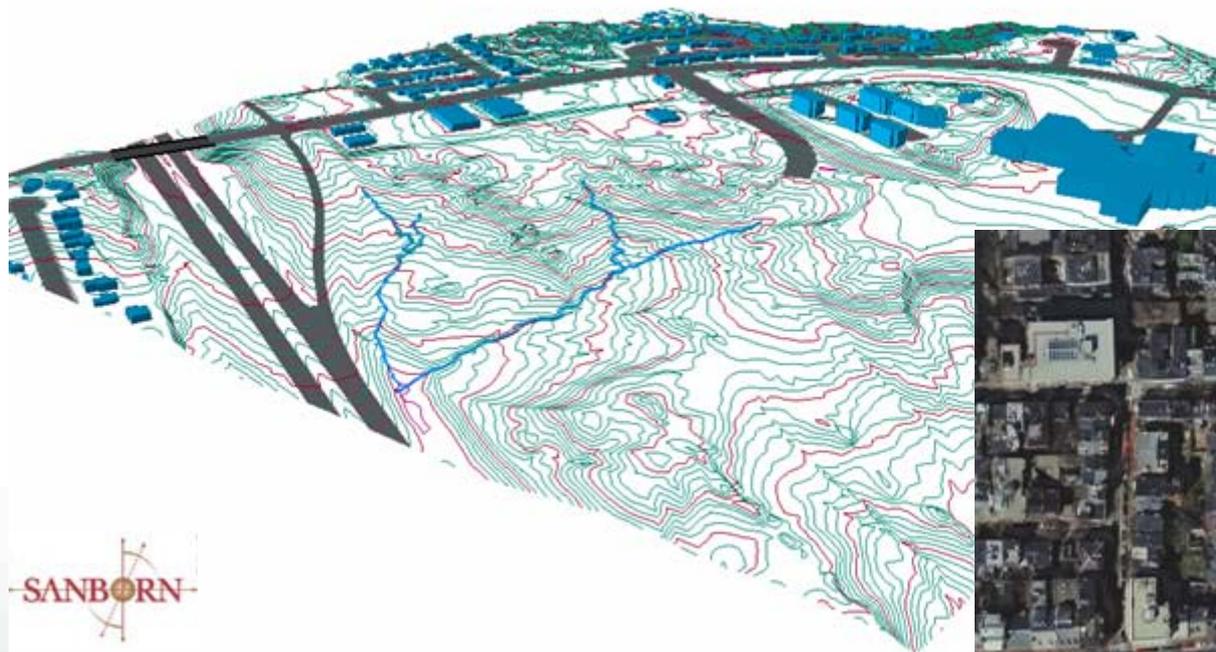
Implement National Initiatives

When disasters strike, the National Grid system helps us locate structures and features that no longer exist





Make Data Accessible



NSGIC



NSGIC Advocacy Agenda

Implementation of advocacy items and related initiatives align with Digital Coast



NSGIC Advocacy Item #1



Certified "Shovel Ready"



Imagery for the Nation

A well thought out process that will allow local, state and federal agencies to work together on the development of framework data where each level of government gets some benefit for participating



Coastal Management Issues

Onslow County, NC

Planners use aerial imagery to track shoreline change.

Results

Changes in tax base and planning for Hazard Mitigation.





Change Detection & Code Enforcement

Camden County, NC

Resource managers use updated aerial imagery to find State permit violations in land clearings.

Results

Better enforcement of conservation rules with positive impact to land and water quality.



Amy Durden



Economic Development

Pasquotank County, NC

Economic Development identifies suitable and best sites for proposed developments.

Results

Decision makers can better visualize the current on-ground situation and future possibilities.



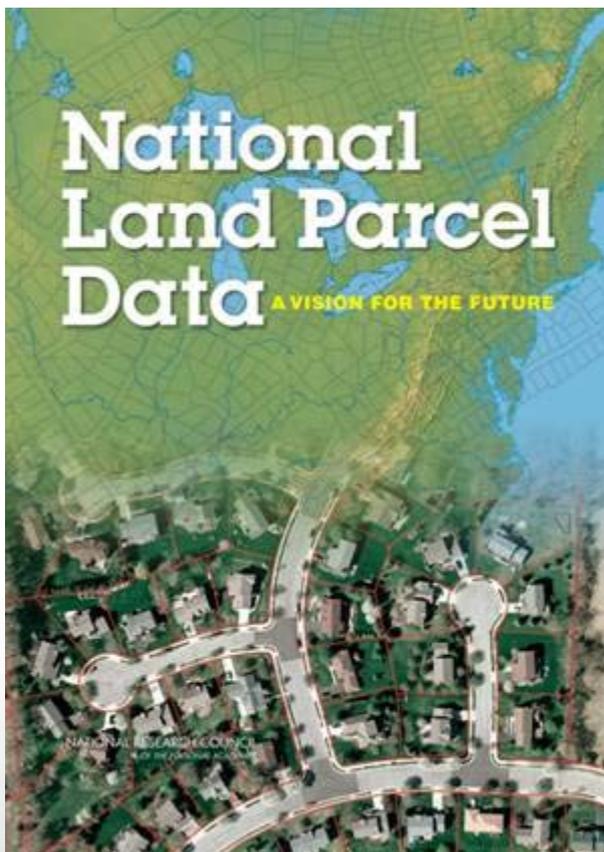


Feature Mapping





NSGIC Advocacy Item #2



Nationwide Parcel Mapping

Nine Recommendations



Official Ownership Record





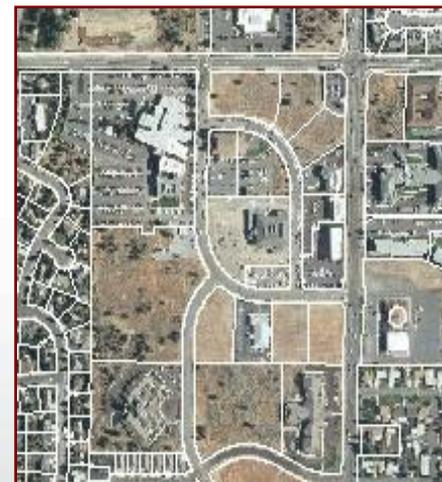
Land Records & Parcel Mapping



1995



2000

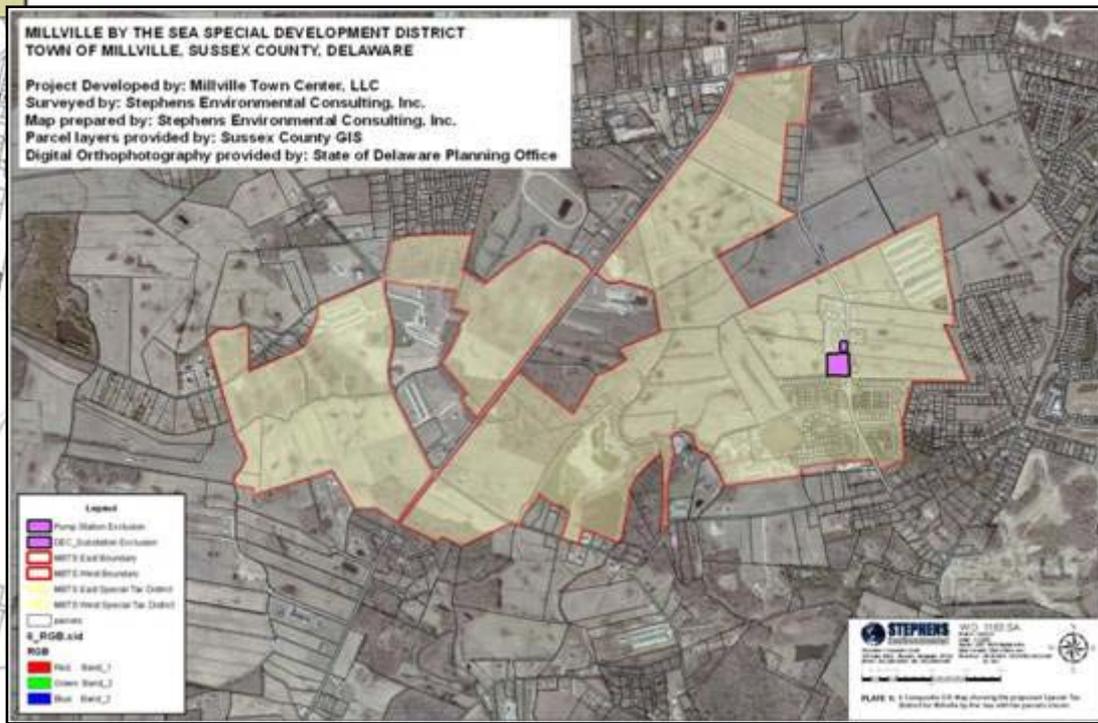
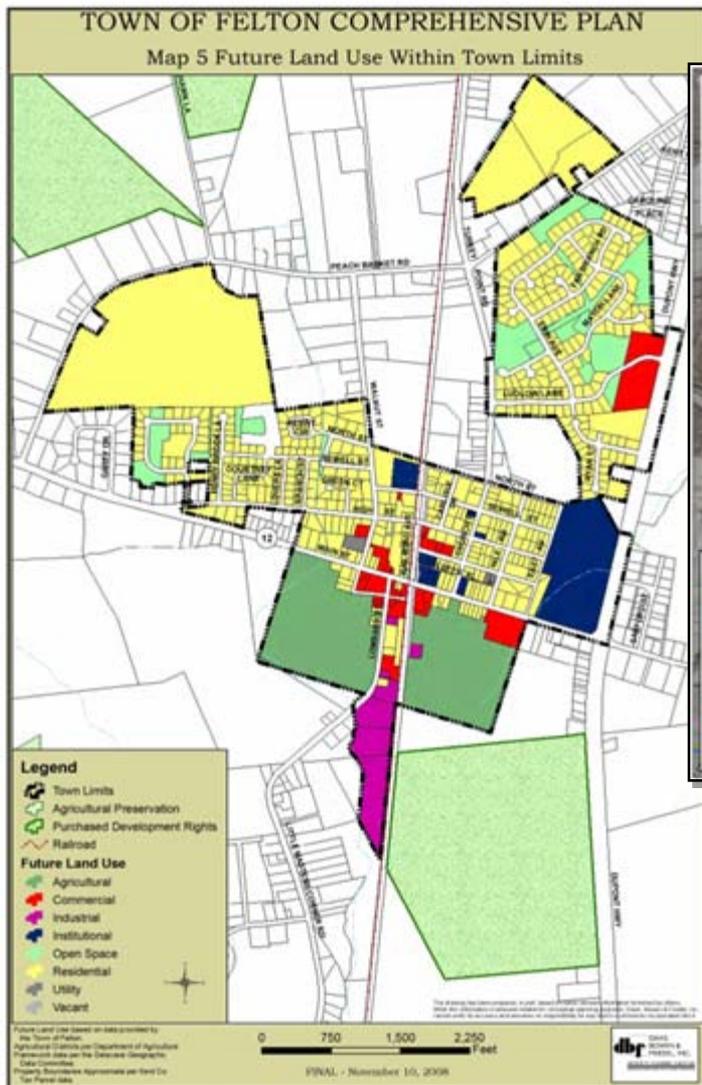


2005





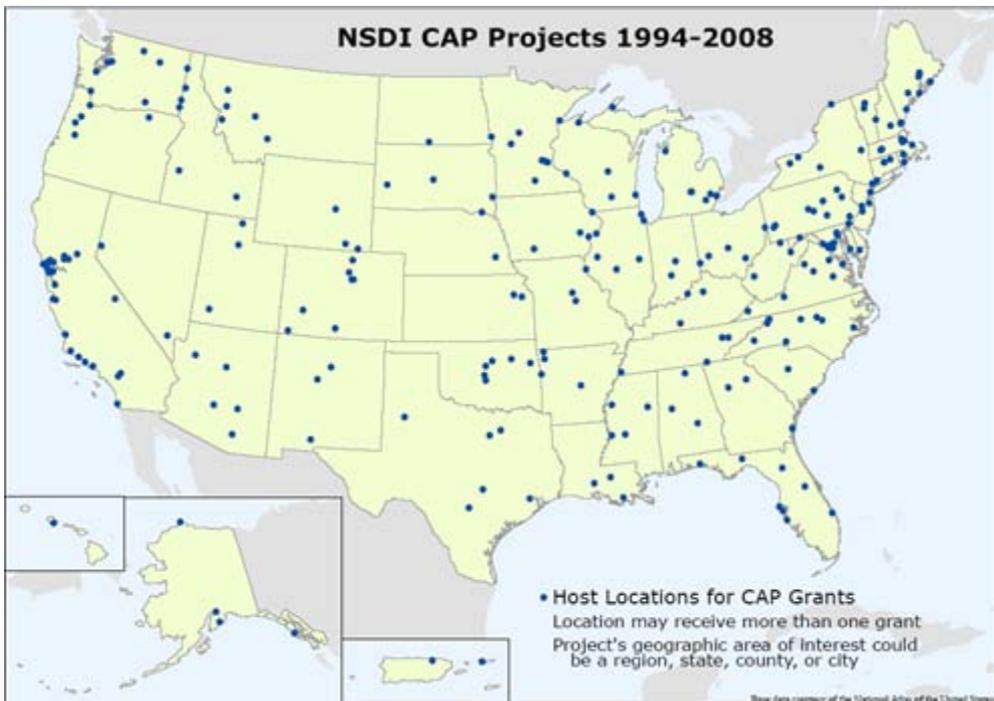
Essential for Planning Efforts





NSGIC Advocacy Item #3

NSDI CAP Projects 1994-2008



NSDI Cooperative Agreements Program

Best Practices

Standards

Business Plans

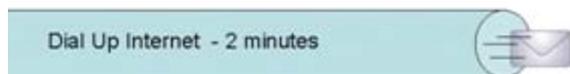
Local or State SDI

Tools

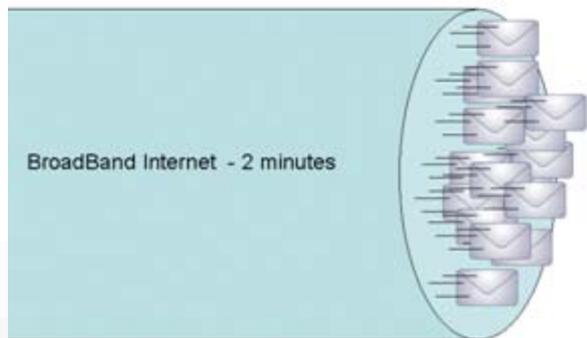


NSGIC Advocacy Item #5

High speed connection to the Internet and always on

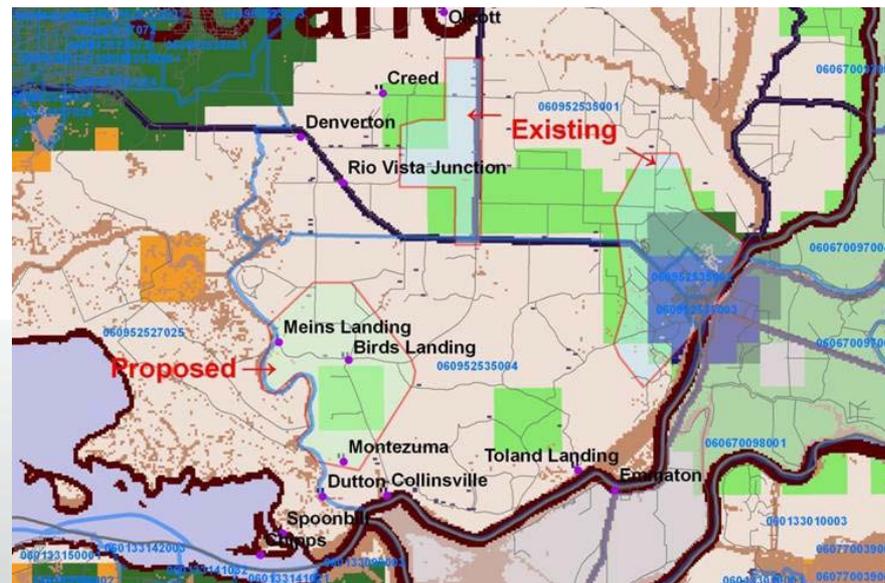


1 x 1mb
email



Lots more
1mb
emails!

Technology for the 21st Century





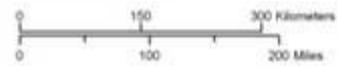
California

BROADBAND RESOURCE SPEED - SCHOOLS, LIBRARIES, AND STATE BUILDINGS



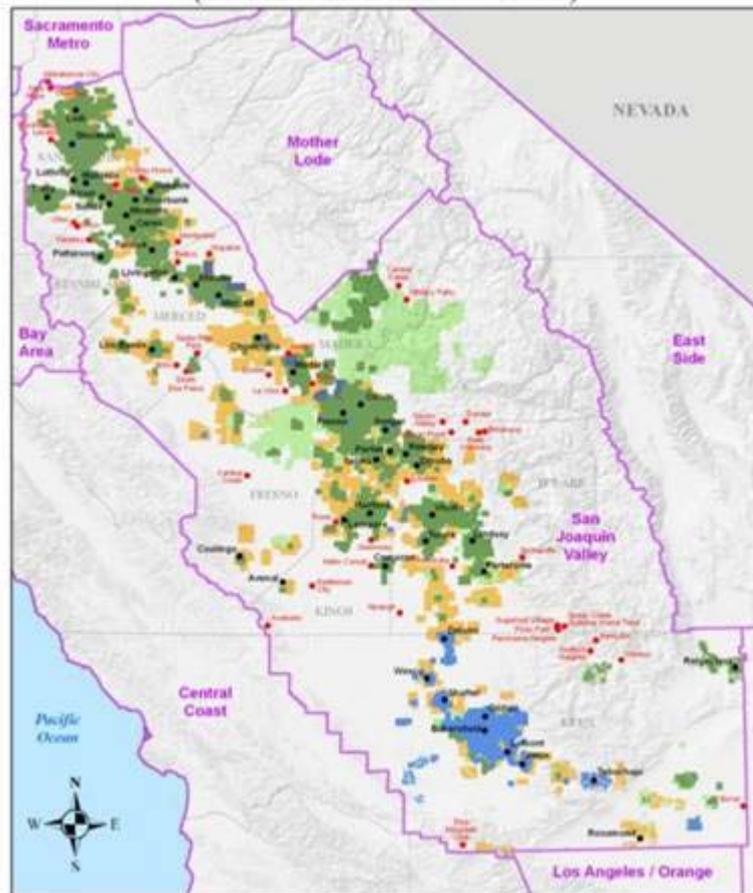
- Broadband Speed**
- No Broadband or Unknown
 - 0.5 - 1 Mbps
 - 1 - 10 Mbps
 - 10 - 100 Mbps
 - 100 Mbps - 1 Gbps
 - 1 - 10 Gbps

- Broadband Regions**
- Broadband Regions
 - Unserved Areas



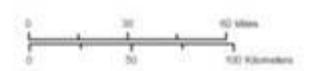
Source: California Broadband Task Force - The State of Connectivity: Building Innovation Through Broadband 2010
 Prepared by the California Public Utilities Commission, Communications Division, Public Planning and Broadband Deployment Team

BROADBAND AVAILABILITY IN SAN JOAQUIN VALLEY (BROADBAND TASK FORCE)



- Speed in Served Areas**
- 0.5 - 10 Mbps
 - 10 - 100 Mbps
 - 1 - 10 Mbps
 - 1 - 5 Mbps
 - 10 - 100 Mbps

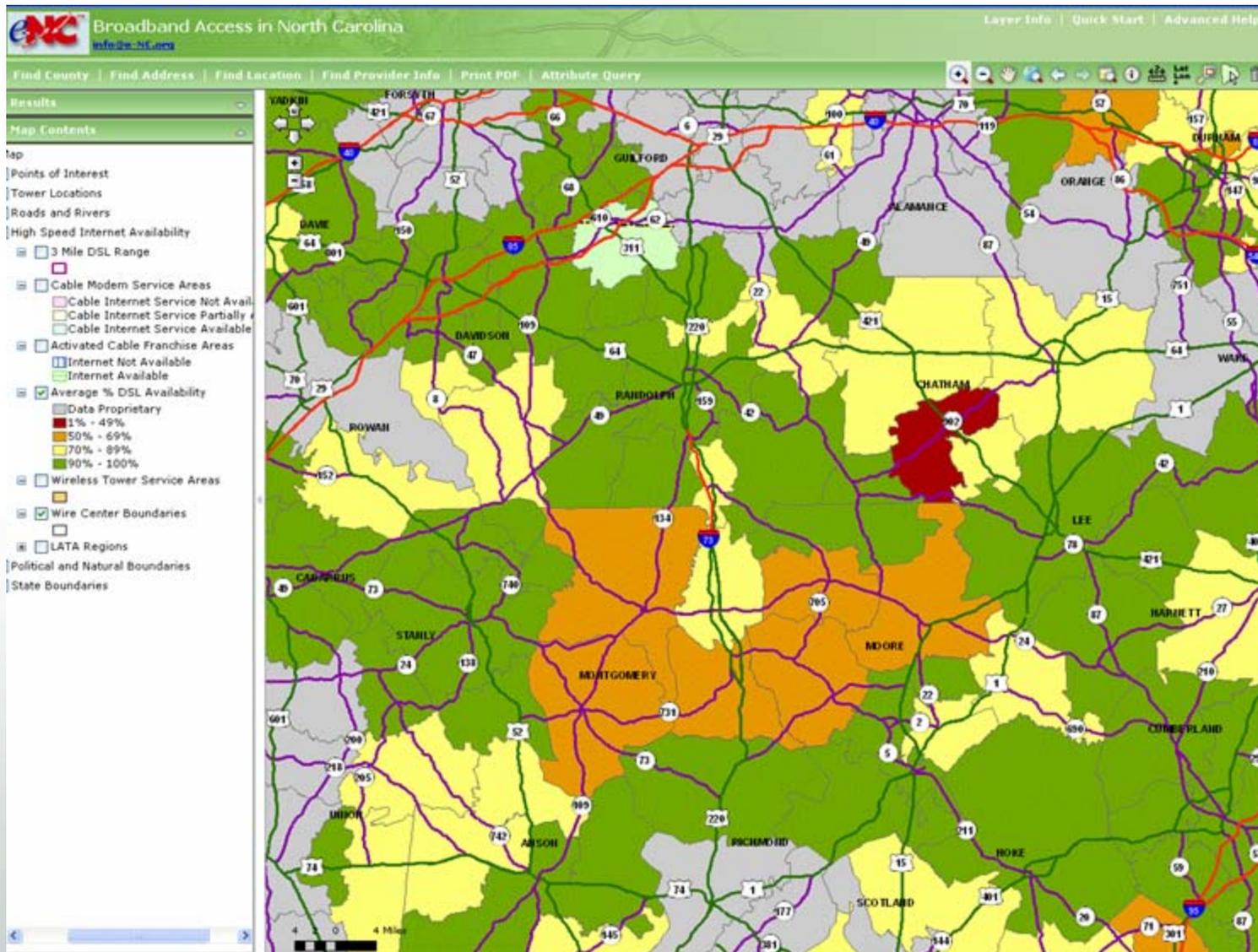
- Broadband Regions**
- Broadband Regions
 - Unserved Communities



Source: California Broadband Task Force - The State of Connectivity: Building Innovation Through Broadband 2010
 Prepared by the California Public Utilities Commission, Communications Division, Public Planning and Broadband Deployment Team



North Carolina





Digital Coast Partnership



NSGIC Coastal Caucus



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Benefits, Opportunities, Leveraging

- **NSGIC and Digital Coast Partners have common goals and needs and should take action....**
 - Imagery, Parcels, Elevation
 - Tools and Technology
 - Best practices

..... to maximize the return on each public dollar

..... the discussions have just begun.....



Benefits, Opportunities, Leveraging

- **Coastal Partners benefit because....some things ought to be a given...**
- **NSGIC Members Benefit when.....we better enable our partners to succeed....**



Benefits, Opportunities, Leveraging

- **When appropriate, NSGIC and Digital Coast Partners should involve commercial and private sector for their expertise and for the delivery of professional services....**



What you can do?

- **NSGIC Members**

- Include Digital Coast on State GIS WebSite
- Provide Honest and Objective Input
- Identify Areas of Common Interest
- Involve Coastal Partners in State GIS Strategy and Business Plan Development



What you can do?

- **Other attendees...**
 - Provide Input on Digital Coast
 - Engage in the State coordination process, make your voice heard!
 - Even without national initiatives, you can make progress by working with participants of your State GIS Councils.
 - Make Digital Coast A Priority!

Thank you!

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NSGIC



<http://www.nsgic.org>

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