NC OneMap 2012
Current and Future

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NC OneMap: Now and Future

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Topics

• GIS Coordination
• NC OneMap
  – Now: discover, access, share
  – Future: more value for more users
  – Future: OneMap and Next Generation 911
GICC

- Coordination
  - Policy, standards, practices, initiatives
- Working groups
  - Imagery, roads, tax parcels, streams, boundaries…
- http://www.ncgicc.com
Coordination Priorities

- NC OneMap
- Imagery program
- Data standards
- State GIS Strategy
NC OneMap – Current

- http://data.nconemap.com
- Geospatial Portal: discovery and access
- Image service for 2010 statewide imagery
- Download 2010 tiles in area of interest
- Map services
- Download zipped shapefiles
Home

The NC OneMap GeoPortal makes it easy to discover and use geospatial information.

Find Resource

HURRICANE IRENE

Post-hurricane Irene imagery available online. The final NCDOT imagery (10/13/11) shows completed reconstruction of breached sections of NC 12.

NCDOT Imagery
(8.28.11, 8.30.11, 9.2.11, 9.8.11, 9.15.11, 9.28.11, 9.30.11, 10.13.11)
web service view it

NOAA Imagery
(8.28.11)
web service view it

2010 IMAGERY
web service view it download
New datasets / services

- Hazardous waste layers
- Gas stations
- Managed areas (with conservation interest)
- Flood hazard areas
NC OneMap Data Explorer

- Simple, intuitive interface
- Integrated with Geospatial Portal
- Web Mercator to support mash-ups
- Add your own service
- Choice of base maps
Finding the Data Explorer


2. Visit the NC OneMap Geospatial Portal ([http://data.nconemap.com](http://data.nconemap.com))
Data Explorer: Upcoming Features

- **Identify**
  - Display attributes of features by clicking on map

- **Print**
  - Create basic map (Title, Legend, etc.)

- **Optimize for mobile devices**
NC OneMap -- Future

• One-stop discovery and access
• Content: add quantity and quality
  – NC OneMap Database
  – Other hosts providing access
• Statewide compilations of local data
• Web services – imagery and layers
• Reliability to meet user requirements
Web services

- Local display of data from outside servers
  - NC OneMap imagery service
  - NC OneMap web map services
  - Other servers

- Requirements
  - Geospatial formatting for interoperability
  - Dependable, reliable, easy, fast
  - Content: current, consistent, complete
NENA and Geospatial Reference

• Location (latitude/longitude)
• Jurisdiction
• Nearest address point / verify address
• Selected Emergency Service Zone / service contacts
• Reference: imagery, streets, buildings, etc.
• Distances to/from features
NG 9-1-1 and NC Statewide Data

- Imagery
- Address points
- Streets / address ranges
- Emergency Service Zones
- And more
  - Rail, streams, cell towers, landmarks, property boundaries
Shared Vision

• Reliable access to consistent, current geospatial data statewide
• Standards to enable data integration, data sharing and interoperability
Questions?
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