

# **AD HOC METADATA COMMITTEE UPDATE**

August 14, 2013

Steve Averett, Chair

# CHARTER

- ad hoc Metadata Committee was appointed by and reports to SMAC
- Topics for the committee to address may include (but are not be limited to):
  - ▣ Return on investment for metadata creation and maintenance
  - ▣ Incentives for metadata creation and maintenance
  - ▣ Role of metadata as a data development project tracking tool
  - ▣ Role of metadata in geospatial data archival process
  - ▣ Best practices for integrating metadata creation into workflows
  - ▣ Analysis and recommendation for a new metadata standard
  - ▣ Assessment and recommendations for metadata editing and cataloging tools

# COMMITTEE MEMBERS

MEMBER NAME	ORGANIZATION	TYPE OF ORG
Carter Vickery	Wake County GIS	<b>County Government</b>
Don Kovaschitz	Lee County	<b>County Government</b>
Steve Averett, Chair	City of Greensboro	<b>Municipal Government</b>
Rachel Trent	NC DCR	<b>State of NC</b>
Sarah Wray	NCDOT	<b>State of NC</b>
David Giordano	CGIA	<b>State of NC</b>
Tim Mulrooney	NCCU	<b>State of NC (Education)</b>
Jeff Essic	NCSU Libraries	<b>State of NC (Education)</b>
Doug Newcomb	US Fish and Wildlife Service	<b>Federal Gov</b>
<i>Lynda Wayne (advisor)</i>	<i>GeoMaxim / FGDC</i>	<i>Private / Federal Gov</i>

# ISO 19115-1

- ISO 19115-1 metadata standard should be adopted by the ISO board in January 2014
- FGDC has been instrumental in developing the 19115-1 standard and will likely be adopting it once approved
- **Ad hoc Metadata Committee will be recommending the GICC adopt 19115-1 as the metadata standard for North Carolina local governments and state agencies once finalized**
- Ad hoc Metadata Committee is currently developing a NC Local Government Metadata Profile that, if adopted by ISO, could become an international model for metadata at the local government level
- A NC Local Government Metadata Profile will make metadata collection and maintenance easier and should provide an incentive for cities and counties

# PRESENTATIONS and WORKSHOPS

- Lynda Wayne (GeoMaxim/ FGDC / ISO US Committee) has led the ad hoc committee's education on ISO standards
- Dave Danko (ESRI / ISO US Committee Lead) has provided updates regarding ESRI's adoption of the ISO standards and how they will be implemented in future versions of ESRI software
- The ad hoc committee has reviewed several custom tools used to **manage and edit** metadata (GeoNetwork, CatMDEdit, XML, ArcCatalog, Intergraph, etc.)
- The ad hoc committee has reviewed several custom tools used to **catalog and share** metadata (GeoNode, GeoNetwork, ESRI's GeoPortal, & CKAN)
- The ad hoc committee presented at the 2013 NC GIS Conference where a town hall discussion was hosted. The attendance and feedback were positive.
- Committee chair attended ESRI's metadata standards and technical sessions at the 2013 ESRI User Conference
- Jordan Erker with GeoDiscover Alberta shared information regarding Alberta, Canada's metadata standards and best practices and conveyed interest in developing a formal partnership with the ad hoc Metadata Committee

# NEXT STEPS

- Continue development of the NC Local Government Metadata Profile
- Continue to review metadata editors and cataloging tools to establish best practice standards
- Work with state, national, and international organizations on metadata profiles. Potentially formalize a relationship with GeoDiscover Alberta.
- Develop initiatives to educate and promote the ISO standard and best practices to local governments, state agencies, and educational institutions
- **Develop and present a formal recommendation to SMAC in April 2014 regarding the adoption of the ISO standard, continued support for the NC Local Government Metadata Profile development, and recommended best practices. If approved by SMAC, a formal recommendation can be made to the GICC at their May 2014 meeting.**
- Continue to search for grants to be used to educate local governments and promote the NC Local Government Metadata Profile (FGDC CAP grant currently suspended)

# CLOSING

- The ad hoc Metadata Committee anticipates its efforts will continue for the next 12-18 months (dependant on GICC support for a formal NC Local Government Metadata Profile)
- The ad hoc committee will continue to meet once every 6-8 weeks with continued support from SMAC and GICC
- Foster collaborative efforts with national and international geospatial agencies
- Guidance and recommendations from the GICC and its respective committees is strongly encouraged
- Please direct questions or comments to Steve Averett, ad hoc Metadata Committee Chair, at [steve.averett@greensboro-nc.gov](mailto:steve.averett@greensboro-nc.gov) or (336)373-2057