

Interim Report

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Agreement Number: G10AC00236

Project title: Metadata for OGC-based Geospatial Services

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Executive Summary

To date, NARC and ESRI have planned, promoted and held one workshop at a national conference and a three-part webinar series with great success. Over 25 people attended the *Metadata for GIS* workshop at NARC's 44th Annual Conference, including many local elected officials, regional planning organization directors, and local and regional planners. An average of 25 people attended each of the webinars in the three-part *GIS Metadata Training Webinar Series*. Webinar attendees included transportation planners, GIS coordinators, engineers, and other regional planning organization or related industry staff members. Both sessions were well-received, particularly by those who rated their previous knowledge of the subject matter least expert.

Project Narrative

Task 1 – CAP Kick-off Workshop

NARC and ESRI project staff developed a short presentation for the CAP Kick-off Workshop, which was conducted virtually via conference call.

Task 2 – Develop Custom Training Materials

ESRI partners developed custom training materials for the two unique training opportunities that the program team conducted.

For the workshop held at NARC's 44th Annual Conference and Exhibition in Cleveland, OH, ESRI and NARC worked together to develop a less technical training session, as many conference attendees are local elected officials, regional planning organization directors or program directors, rather than staff more entrenched in the technical issues related to GIS and metadata. ESRI created a 90-minute training session explaining the importance of, use for and



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opportunities to improve programs and services traditionally offered by regional planning organizations or local governments through properly recording and sharing GIS metadata. The session was designed with the purpose of educating non-technical experts and driving organizational leaders to support technical staff in pursuing further training on and expanded use of GIS metadata in their day to day work. The session included information on the webinar series, scheduled for later in the summer, in order to drive attendance.

ESRI staff then developed and customized a three-part, three-hour webinar series (a total of nine hours of training) for GIS users within regional planning organizations and local governments – GIS managers, planners, project coordinators and similar staff. Beyond the presentations for each webinar, ESRI also developed exercises for attendees to complete during the week in between each session, so that attendees could practice the techniques they learned and ask questions that come up in that effort.

Task 3– Conduct Custom Training Classes

With introductions and logistics handled by NARC staff, ESRI conducted both the workshop and webinar series presentations. The workshop was held on Wednesday, June 16, 2010 from 9:00-10:30am in Cleveland, OH, during NARC's 44th Annual Conference and Exhibition; the webinar series was held virtually on Tuesdays July 27, August 3 and 10, 2010 from 1:00-4:00pm EDT.

The workshop and webinar series were both advertised through NARC's weekly electronic newsletter, *eRegions*, as well as through outreach to NARC's GIS User Group. The webinar series was also promoted with flyers distributed at NARC's 44th Annual Conference and at ESRI's User Conference.

The presentation from the workshop was posted on the NARC website, along with all other conference presentations, and was also linked to from a newly updated GIS webpage on the NARC website. The presentations and exercises from the webinar series were also posted on the GIS webpage, and recordings of each session were made and are available upon request (due to the large file size). NARC staff also coordinated with FGDC staff to have links to the training materials made available through the FGDC website.

Task 4 – Training Class Support

Following the workshop and webinar series, NARC staff received multiple requests for recordings of the webinar sessions, as well as links to training materials. All requests were addressed and appropriate materials were distributed. ESRI staff provided contact information during the workshop and webinar, and can also be reached via NARC staff. To date additional requests for technical support have not been made, but NARC staff will continue to reach out to workshop and webinar attendees to offer their and ESRI's assistance in participants' efforts to create, catalogue or use metadata.

Training and Outreach Assistance

Workshop: Wednesday, June 16, 2010
 9:00-10:30am (1.5 hours)
 Cleveland, OH (NARC's 44th Annual Conference and Exhibition)
 Lecture / presentation only

Over 25 attendees represented the following organizations: Western Piedmont Council of Governments (Regional), Tampa Bay Regional Planning Council (Regional), Alamo Area

Council of Governments (Regional), CT Consultants (Industry), Capital Area Council of Governments (Regional), East Texas Council of Governments (Regional), Northern Ohio Areawide Coordinating Agency (Regional), Toledo Metropolitan Area Council of Governments (Regional), Southwestern Pennsylvania Commission (Regional), San Joaquin Council of Governments (Regional), Burgess and Niple (Industry), Central Texas Council of Governments (Regional), Cuyahoga County Planning Commission (Local Government), INCOG (Regional), Green River Area Development District (Regional), Mid-Ohio Regional Planning Commission (Regional), Regional Planning Commission – Greater New Orleans (Regional), U.S. Department of Agriculture Food and Nutrition Services (Federal Government), and KYOVA Interstate Planning Commission (Regional).

Customer Satisfaction Rating: 3.7*

Based on a scale from 1 (Strongly Disagree) to 5 (Strongly Agree) for the question “The overall experience of the outreach materials is positive.” Surveys completed by 14 attendees.

Webinar Series: Tuesdays July 27, August 3 and 10, 2010
 1:00-4:00pm EDT (9 hours total)
 Virtual Event (conducted via webinar)
 Lecture and exercises

Between 21 and 29 attendees joined each live webinar in the three-part series, representing the following organizations: Virginia Information Technology Agency (State), Munoz Engineering, P.C. (Industry), San Joaquin Council of Governments (Regional), U.S. Geological Survey (Federal), Central New York Regional Planning and Development Board (Regional), Dutchess County OCIS-GIS Group (Local Government), INCOG (Regional), Eastgate Regional Council of Governments (Regional), Northern Ohio Areawide Coordinating Agency (Regional), Clermont County GIS (Local Government), Toledo Metropolitan Area Council of Governments (Regional), Champaign County Regional Planning Commission (Local Government), West Florida Regional Planning Council (Regional), Tampa Bay Regional Planning Council (Regional), Hampton Roads Planning District Commission (Regional), North Carolina Geological Survey (State), Wake County GIS (Local Government), New York State Dept. of Transportation (State), Cumberland Valley Area Development District (Regional), Texoma Council of Governments (Regional), Massachusetts Institute of Technology (University), Springfield Sangamon County Regional Planning Commission (Regional), Cleveland Public Library (Local), Indiana University Northwest (University), Conabio (Industry), University of Virginia (University).

Customer Satisfaction Rating: 3.3*

Based on a scale from 1 (Strongly Disagree) to 5 (Strongly Agree) for the question “The overall experience of the outreach materials is positive.” Surveys completed by 13 attendees.

Status of Metadata Service

Metadata files created through this project have not yet been recorded. Additional information will be provided in the final report, as follow up with training participants is available.

Next Steps

Additional project activities may include a second iteration of the webinar series and/or a condensed version of the training webinars focused on metadata creation and sharing. No additional support is required from FGDC at this time. All activities will be completed and reported to FGDC by April 21, 2010.