Metadata for OGC-based Geospatial Services

NARC and ESRI Presentation
U.S. Geological Survey
NSDI CAP Category 1
Grant Kick-off Presentation
Training Audience

• Trainings will target regional councils across the country – NARC members and non-members
  – “Regional Councils” include metropolitan planning organizations (MPOs), councils of government (COGs), economic development districts (EDDs) and many other kinds of regional planning organizations.

• GIS is important in regional councils’ work
  – They use GIS to create their transportation, environmental, homeland security, and economic and community development plans.
  – Metadata and the ability to share information across jurisdictional boundaries are essential.
Training Approach

• An overview of the training session will be presented at the NARC’s 44th Annual Conference and Exhibition in Cleveland, OH in June 2010.

• The technical training will be a three-part webinar consisting of lectures and hands-on exercises.

• There will be time after the webinar for ESRI to answer follow-up questions and provide additional guidance.
Technical Approach

• Participants will be shown how to create metadata using the ArcGIS Server Geoportal Extension web-based Metadata Editor.

• Participants will be able to take the metadata that they create and publish it to Geospatial One-Stop (GOS).
  – Participants will use their real content for the exercises, therefore adding new and relevant content to GOS.

• Trainees will also be shown how to discover geospatial services within GOS.

• Participants will be exposed to the FGDC service status checker to assess the service availability.
Expected Impacts

• NARC anticipates that it will reach a variety of regional councils, with varying GIS capabilities.

• Post-training support will be available from ESRI and NARC to assist trainees in implementing their new skills at their regional councils.

• Information and materials from the sessions will be posted to NARC’s website, so the training content will not be limited to those who could attend the webinars and/or conference session.
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