

Incorporation and Promotion of NSDI Cadastral Standards

APPALACHIAN OHIO GEOSPATIAL DATA PARTNERSHIP

Presentation Topics

- ◆ Problem Statement
- ◆ Project Purpose
- ◆ Methodology
- ◆ Schedule
- ◆ Proposed Outcomes
- ◆ Deliverables

Problem Statement

- ◆ Though county parcel information is available statewide, there is little standardization in format and data structure.
- ◆ This is especially pronounced in the economically challenged Appalachian Counties of Ohio, which suffer from a lack of the necessary financial and technical resources required to address the issue of non-standardization.

Project Purpose

- ◆ Incorporate and promote common domains and definitions that streamline the cadastral maintenance process through automation, and assist end users in their understanding and utilization of county land records
- ◆ Encourage data sharing vertically between federal, state, regional and local levels of government, and horizontally with the private sector, non-profits and academia.
- ◆ Assist member organizations in the incorporation of NSDI standards from the very beginning of formal cadastral GIS development.
- ◆ Create a best practices approach to adopting and sustaining the cadastral standard statewide.

Methodology

- ◆ Select townships for parcel development
- ◆ Collect source documents from each county
- ◆ Contract for cadastral development training of select county staff members. Contracted services will include:
 - ◆ 2 day cadastral development workshop
 - ◆ Technical support during development
 - ◆ 3 day cadastral maintenance workshop
- ◆ Upon completion of training, county staff will develop their township cadastral layer, documenting the processes involved with the nuances inherent in their counties source data.
- ◆ Creation of presentation materials and tailored outreach programs promoting the incorporation, use, and benefit of standardized cadastral data, and strategies for financing, implementation and maintenance.

Schedule

◆ June 2011

- ◆ Develop specifications for cadastral development training. Partner agency staff and OGRIP will be used to develop these specifications
- ◆ Confirm selection of three townships for pilot cadastral development program.
- ◆ Contract for training.

◆ July 2011

- ◆ Collect source documents for training and development.

◆ August & September 2011

- ◆ Training and development of cadastral pilot project.

Schedule

- ◆ September 2011
 - ◆ Ohio Statewide GIS Conference and Trade Show booth describing the NSDI Cadastral Standard and Pilot Project.
- ◆ October through December 2011
 - ◆ Development of presentation materials.
 - ◆ Schedule presentations at meetings, conferences and public forums.
 - ◆ Creation of website outreach program.
- ◆ January 2012
 - ◆ Partnering agencies begin outreach programs.
 - ◆ Website outreach program goes live.
- ◆ February 2012 and beyond
 - ◆ Partnering agencies begin to develop and promote financing and maintenance strategies to ensure sustainability and growth of the Appalachian Ohio Geospatial Data Partnership past the grant period .
- ◆ April 2012
 - ◆ Prepare, finalize and submit required grant documents and reports.

Proposed Outcomes

The desired outcome will be a more educated and engaged audience of GIS professionals and local officials ready to pursue and implement the full development and maintenance of region-wide cadastral data.

Mission Statement

Adopting and promoting geospatial data standards in Appalachia Ohio for the integration and sharing of data between Federal, State, Regional & Local Governments, Academia, Non-Profits and Private Industry. A collaborative environment built on Educating, Creating, Sharing & Maintaining.

Deliverables

- ◆ Fully developed cadastral layer in three adjacent townships.
- ◆ Outreach program materials
 - ◆ Website
 - ◆ Presentation on the benefits of standard cadastral layers to targeted audiences .
- ◆ Whitepapers
 - ◆ “Best Practices” for development of a county cadastre
 - ◆ Financing and maintenance strategies to ensure sustainability of cadastral program.