WELCOME

OHIO VALLEY REGIONAL DEVELOPMENT COMMISSION'S

OVRDC GIS USER GROUP MEETING

Held at

OSU Endeavor Center, Piketon, OH

August 14, 2012

Jason Gillow

OVRDC GIS User Group Meeting

- Minutes from May 8th meeting.

- Announcements:

- OVRDC Website – OVRDC GIS User Group

- OVRDC's Full Commission & Appreciation Banquet - September 27, 2012 – held at Vinton County HS, McArthur, Ohio

- OVRDC is moving – Temporary Office Location and new Office

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- **Federal Programs**
  - USDA Farm Services Agency (FSA) the National Agricultural Imagery Program (NAIP). Ohio is now scheduled for new one-meter, leaf-on, color NAIP imagery in the <u>summer of 2014</u>.
  http://www.fsa.usda.gov/FSA/apfoapp?area=home&subject=prog&topic=nai
  - USDA NAIP Data along with other datasets are available to download at - <u>The Geospatial Data Gateway (GDG)</u> – it is the One Stop Source for environmental and natural resources data, at anytime, from anywhere, to anyone. http://datagateway.nrcs.usda.gov
  - USGS – Earth Explorer : http://earthexplorer.usgs.gov

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- **Federal Programs**
    - Landsat at 40: The Long View of Earth from Space In cooperation with the U.S. Department of the Interior (DOI) and its science agency, USGS, NASA launched the first Landsat satellite on July 23, 1972. The resulting 40-year archive of Earth observations from the Landsat fleet forms an impartial, comprehensive, and easily accessed register of human and natural changes on the land. This information supports the improvement of human and environmental health, biodiversity, energy and water management, urban planning, disaster recovery and crop monitoring.
    - Landsat: A Global Land-Imaging Mission (fact sheet) http://pubs.usgs.gov/fs/2012/3072/ http://pubs.usgs.gov/fs/2012/3072/fs2012-3072.pdf

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- Federal Programs - News from Charles Hickman, USGS on *"Federal GIS initiatives for Ohio and our Region"*

- July 2012 National Hydrography Dataset (NHD) Newsletter from Jeff Simley of USGS Denver at http://nhd.usgs.gov/newsletter_list.html

- "New Elevation Inventory for the Nation" U.S. Interagency Elevation Inventory - displays high-accuracy topographic and bathymetric data for the United States and its territories. Includes Ohio OSIP I LIDAR Data http://www.csc.noaa.gov/digitalcoast/

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- **U.S. Census Programs**
  - 2011 Tiger files is available at:
    - http://www.census.gov/geo/www/tiger/shp.html
  - American FactFinder http://factfinder2.census.gov
  - Dataferret http://dataferrett.census.gov/index.html
- **ODOD - Office of Policy Research and Strategic Planning**
  - Several data profile products that serve Ohio and its counties. http://development.ohio.gov/research/
  - 2012 Ohio County Profiles - The demographic data contained in these profiles is the most recent information from the 2010 Census and the American Community Survey. Administrative numbers are updated as of 2011. http://development.ohio.gov/research/files/s0.htm
  - OVRDC's website has several data products about the region.

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State Program Initiatives:

- LBRS – Online Whitepaper Report at http://ogrip.oit.ohio.gov/ProjectsInitiatives/LBRS.aspx
  - Meigs County will soon be added, 72 counties
  - Final counties that do not have LBRS in OVRDC Region include Clermont and Scioto Counties.
  - State of Ohio and ODOT wants to complete this program for Ohio – Currently, ODOT is willing to fund up to 80% on a LBRS Project, contacted Dave Blackstone, Section Manager for ODOT dave.blackstone@dot.state.oh.us for further details. Other funding is CEAO http://ceao.org/ and OGRIP
  - See hand out

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- **State Program Initiatives:**
  - OSIP II – imagery for Ohio – 2012 counties are being processed, to view current products are available to download for free from the site listed below. See handout for OSIP Status
    http://ogrip.oit.ohio.gov/ProjectsInitiatives/StatewideImagery.aspx
  - 2012 Ohio GIS Conference – September 19-21, 2012 – For more information and see handout:
    http://ogrip.oit.ohio.gov/Events/OhioGISConference.aspx
  - OGRIP – next meeting August 27, 2012

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- **State Program Initiatives:**
  - OGRIP and ODOT - Talk of developing a new state parcel mapping program similar to LBRS – new interest from different sources. Part of the focus from Oil and Gas Shale.
    - State of Ohio, possibly looking to fund parcel mapping development for counties that do not have anything.
    - Details are still being worked out on this, and I will keep folks informed on it.
    - OVRDC is assisting Vinton County in bringing resources together for a parcel project.
    - For more information contact:
      - Dave Blackstone, Section Manager for ODOT dave.blackstone@dot.state.oh.us or
      - Jeff Smith, OGRIP Jeff.Smith@oit.ohio.gov

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- Local and Regional Initiatives:
  - Appalachian Ohio Geospatial Data Partnership
    - April 3, 2012 – was awarded a 2012 NSDI CAP Grant to collect and update of Ohio GIS Metadata in ROMONA Project.
    - The group has expand their region to include all of Appalachian, Ohio and offering border counties at-large memberships. (Offers Fayette County at-large membership)
    - LGIF project – Gallia County and Voinovich School of Leadership and Public Affairs is working on a 'work plan'.
    - www.geospatialpartnership.org

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- **Local and Regional Initiatives:**
  - **Southern Ohio GIS User Group – Local area water companies**
    - Heather E. Cummings
    - Highland County Water Company, Inc.
    - 937-393-6092 or 937-393-4281 ext 104
    - heatherc@computers-plus.net
  - **Ohio Shale Energy – Developed an online database of companies the serve the needs of the oil and gas shale in the region and Ohio. www.ohioshaleenergy.com**

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- **OVRDC Infrastructure Mapping Project**
  - OVRDC is providing infrastructure and utility mapping services to local governments and communities through the use of its GIS and GPS.
  - OVRDC uses a Trimble GeoXH 6000 Series Handheld GPS
  - Communities thus far:
    1. City of Greenfield
    2. Village of Lynchburg
    3. Gallia County (Dan Evans Industrial Park)
    4. City of Wellston
    5. Village of West Union
    6. Village of Williamsburg
    7. Village of Aberdeen
    8. Village of Piketon
    9. Village of Seaman
    10. Village of New Richmond
  - Working with local GIS personal to help acquire data and scanning services.
  - Partnership with Buckeye Hills – Hocking Valley Regional Development District in offering ArcGIS Server online mapping services to communities.

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- "Tool of the Meeting" – Free add-in tools for GIS software – Feature tool this meeting
  - "NPS AlaskaPak for ArcGIS" - The AlaskaPak toolkit is a collection of tools for use with ESRI's ArcMap desktop GIS. The tools are designed to augment the functionality of ArcMap by providing easy to use tools for many common tasks performed by resource managers, GIS technicians and other scientists. AlaskaPak is implemented as an ArcMap Toolbar. These tools and associated files were developed by the GIS Team, Alaska Regional Office (AKRO) of the National Park Service. AlaskaPak is public and may be freely distributed.
  - http://science.nature.nps.gov/im/gis/alaskapak.cfm
  - Each meeting we will feature a different tool or software: if you have a tool (add-in extension or software package) that you use in your job and want to share it - let us know. All we ask is that it is free or open-source; relative easy to use and easy to download.

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- Presentation – *"ESRI ArcGIS 10.1 and ArcGIS Online"*
- Speakers: *Jessica Spain, Account Manager (ESRI)*

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- Group Discussion

- *Next Meeting set for Tuesday October 30, 2012,*

1 PM to 3 PM at Pike County Government Center.

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