

New Jersey Geospatial Forum

General Meeting Minutes



Date: March 14, 2019
Time: 10:00 a.m. – 12:00 p.m.
Location: 300 Riverview Plaza, Room 402, Trenton, NJ

Executive Committee Members & Officers

Private Sector: David Kunz, Chair
Federal Government: Trish Long, Vice-Chair
State Government: Ann-Marie Falkowski, Secretary
State GIO: Andy Rowan
Education: David Tulloch
County Government: Julia Gerdes
NGO: Mike Shanahan
Land Surveyor: Russell Kauffman
Regional Authority: Ildiko Pechmann

Constituency & Task Force Reports

Federal Government, Trish Long

- 1) \$12M has been set aside for NAIP imagery data collection in 2019. NJ is included in that data collection. Future NAIP imagery will be upgraded from 1m resolution to 60cm (or 2ft).
- 2) Roger Barlow of USGS wanted to inform attendees about NOAA's Continually Updated Shoreline Product - <https://coast.noaa.gov/digitalcoast/data/cusp.html>. More information can be found on NOAA's Shoreline Website:
 - The purpose of this website is to provide clear information about vector shoreline data generated by federal agencies, as well as easy access to these data. The website provides direct access to shoreline-specific information and, for those who need more background, simple explanations of the common uses of shoreline data. A frequently asked questions section explains some commonly misunderstood topics, and a glossary defines shoreline terms.
 - The original intent of this site was to alleviate confusion about shorelines generated by National Oceanic and Atmospheric Administration (NOAA) agencies. However, the scope was expanded to include other commonly used federal shorelines. As a result, the site includes detailed descriptions for seven federal vector shorelines, many of which are derived from the same raw data sources. Because the characteristics of these shorelines can be similar, the differences among them can often be explained best by describing the specific purposes for which they were created.
- 3) USDA's Geospatial Data Gateway – <https://datagateway.nrcs.usda.gov/>. The Geospatial Data Gateway hosts many federal datasets, including the NAIP imagery, soils, hydrography, and the National Land Cover Dataset, which may be of interest to Forum members.

State Government, Ann-Marie Falkowski

- 1) Impervious surface has been clipped by county and is now available for download through Open Data. <https://njogis-newjersey.opendata.arcgis.com/>
- 2) The NJDEP Mapping Contest will take place Thursday, April 18 at 10 a.m. in the Public Hearing Room at the NJDEP at 401 E. State St., Trenton, NJ. Contest registration will open next week.

- Contest categories have been modified to better align with the contest categories used at Esri's User Conference.
- The keynote speaker is Luis Olivieri, GIS Director of Hopeworks, a nonprofit in Camden, NJ. Hopeworks prepares young people for technical careers, including careers in GIS, helping them build strong futures and break the cycle of violence and poverty.

State GIO, Andy Rowan

Roads and address points are being migrated to the NENA data model as part of NextGen911. Maintenance falls on the 911 official which is at the local/municipality level. Working on moving address points to the rooftops of buildings.

Doug Schleifer, Office of GIS

- 1) Updates to county parcels data is in final QAQC and are expected to be available on the NJGIN Open Data Site by May. They include: Middlesex, Ocean, Mercer, Hunterdon, Burlington, Hudson, Camden, and Salem. The Department of the Treasury, Division of Taxation will send the statewide MOD IV table to OGIS in July. OGIS will join it to parcels data to create county and statewide parcel layers with MOD IV attributes which will be available in August.
- 2) As part of migration to a new server environment, the geodata.state.nj.us URL will be discontinued. ArcGIS Server and WMS Imagery services will be impacted. The production environment was released on 1/2, and OGIS will be shutting down the old environment for geodata.state.nj.us on 3/15. A more detailed announcement, including REST services re-mapping, was sent via forum email several times over the past 3 months, most recently on 3/11. An announcement with links to the documentation is currently posted on the NJGIN website under New and Events.
- 3) The new State GIS Services contract will most likely be in place by May. The current contract is being extended to 6/18 in case more time is needed to complete the vendor award process.
- 4) OGIS is working with PA on a state boundary update along the Delaware River. This will be used to update state, county and municipal boundaries data, and DEP NHD flow lines. As part of this project, islands and sandbars in the Delaware River are being inventoried. Attributes will include current, annexation and other historic names, and state jurisdiction. OGIS will release the resulting islands inventory as a point dataset.
- 5) The NJGIN and Geospatial Forum websites are in the process of being modernized. The development framework for the new websites is the same as the state website, so the look and feel will be similar. The go live date is planned for end of May.

Elevation Task Force, Doug Schleifer (on behalf of John Tyrawski & Roger Barlow)

- 1) Spring meeting of Task Force on April 10, 10:00-12:00, OIT, 200 Riverview Plaza, 1st Floor Boardroom.

The agenda is still being finalized but possible topics include:

- Northwest NJ LiDAR project status
- South NJ LiDAR project status
- USGS LiDAR point data from the cloud
- Structure-from-motion presentation
- LiDAR derived product standards/deliverables
- Tide coordination issues
- 3D Nation Survey update

- 2) 3D Nation Requirements and Benefits Study, Validation Session on April 10. 1:15-3:15, OIT, 200 Riverview Plaza, 1st Floor Boardroom
The National Oceanic and Atmospheric Administration (NOAA) and the U.S. Geological Survey (USGS) are conducting a 3D Nation Elevation Requirements and Benefits Study. This study will gather information to improve the availability and consistency of 3D elevation data (topographic or bathymetric data) for the United States and its territories using an on-line questionnaire. The questionnaire is part of the effort to develop and refine future program recommendations that would provide enhanced 3D elevation data to meet many Federal, state and other national business needs. When finalized, the results and summary reports will be shared with everyone.
- 3) The Northwest NJ 6 county and South NJ 5 county projects had setbacks due to poor weather conditions since last spring and the recent Federal shutdown. The NW counties are entirely collected with data undergoing final QAQC. The revised schedule for delivery of all final products is in May. The SJ collection was scheduled to begin mid-December but was severely limited by weather conditions. Ocean County was recently collected, but there is still too much water sitting on land surfaces in the other areas for the remainder of the collection to begin.

Brian Embley, Office of GIS

- 1) Basemaps
 - The 2012 and 2015 natural color imagery are now available as Web Mercator basemaps.
 - The Color_NJ NJSP basemap has been updated and includes neighborhood names.
 - Upcoming basemaps include the Color_NJ Web Mercator and the LtGray_NJ (NJSP and Web Mercator).
 - <https://maps.nj.gov/arcgis/rest/services/basemap>
- 2) Follow us on Twitter
 - New Jersey Geospatial Forum news: @njgf_info
 - NJOGIS and NJGIN news: @njgin_info

Chris Gould, NJDEP

- 1) The New Jersey Association of Floodplain Management 15th Annual Conference will be held October 15-17, 2019 at the Hard Rock Hotel in Atlantic City, NJ
<https://www.njafmconference.org/>
- 2) National Surveyors Week takes place March 17-23. The New Jersey Society of Professional Land Surveyors will gather on March 19 at 10 a.m. at the Baseline Calibration site located on Lacey Road (between Bamber Lake Fire Department and Popcorn Park Zoo) to promote the profession and commemorate National Surveyors Week.

Chris McClain, Lakewood MUA

Based on informal discussions at past NJGF and MACURISA events, Chris McClain and Dom Elefante are looking to put together an informal working group focused on the Utility sector in NJ. The idea is to facilitate the sharing of ideas, information, and foster discussion specific to the Utility sector in NJ. This is a work in progress and all are welcome to participate. Please contact either Chris or Dom if interested.

- Chris McClain, Lakewood Twp. MUA | 732-363-4422 | cmclain@lakewoodmua.com
- Dom Elefante, Passaic Valley Sewerage Commission | delefante@pvsc.com

Justin Cusick, Esri

- 1) High Accuracy Field Data Collection Workshop will be held March 19 in Malvern, PA.
<https://survey123.arcgis.com/share/ffb9ad7f68464c4a935e992fbb0006b6>
- 2) ArcGIS Online is being updated on March 19.
<https://community.esri.com/community/gis/web-gis/arcgisonline/blog/2019/03/07/whats-coming-in-arcgis-online-april-2019>
- 3) ArcGIS Enterprise 10.7 has been released
<https://community.esri.com/community/gis/web-gis/arcgisonline/blog/2019/03/07/whats-coming-in-arcgis-online-april-2019>
- 4) Esri Developer Summit Highlights
 - Relunched Developer Program: New enhancements and changes now give developers greater freedom to build, manage, and deploy apps as quickly as possible by allowing them to use the specific tools they need when they need them, priced to fit their individual needs.
 - ArcGIS Notebooks provide a versatile web-based interface for powerful geospatial data analysis in your ArcGIS Enterprise portal. With notebooks, you can perform analysis, automate workflows, and immediately visualize data and analysis results in a geographic context.

Presentation

Conservation Blueprint Project

John Hasse, Associate Professor of Geography and Director of Environmental Studies, Rowan University

The Nature Conservancy and New Jersey Conservation Foundation have teamed up with Rowan University and a consortium of 21 conservation-focused groups both governmental and non-profits, to develop a shared, living blueprint of lands to be protected in the next few decades. Together, they have charted a blueprint of conservation priorities to ensure a healthy New Jersey for future generations. This living blueprint is displayed on Rowan University's NJ MAP, an online, interactive mapping tool that allows everyone to work with GIS data in a way that is easy to understand.

<https://www.njmap2.com/blueprint/>

Future Meeting Dates

General Meeting Dates:

- June 5, 2019 10:00 a.m. – 12:00 p.m.
- October 2, 2019 10:00 a.m. – 12:00 p.m.
- December 4, 2019 10:00 a.m. – 12:00 p.m.
- March 19, 2020 10:00 a.m. – 12:00 p.m.

General meetings are held at NJ Office of Information Technology, ITC Room, 1st Floor, 300 Riverview Plaza, Trenton, NJ

Executive Meeting Dates:

- March 14, 2019 1:00 p.m. – 3:00 p.m.
- June 5, 2019 1:300 – 3:00 p.m.
- August 15, 2019 10:00 a.m. – 12:00 p.m.
- October 2, 2019 1:00 p.m. – 3:00 p.m.
- December 4, 2019 1:00 p.m. – 3:00 p.m.
- January 9, 2020 10:00 a.m. – 12:00 p.m.

- March 19, 2020 1:00 p.m. – 3:00 p.m.

Agendas are posted on the New Jersey Geospatial Forum website. It takes some time before they are posted as they get approved at the next executive meeting.