

# New Jersey Geospatial Forum

## General Meeting Agenda



**Date:** Tuesday, March 27, 2018

**Time:** 10:00 a.m. to 12:00 p.m.

**Location:** NJ Office of Information Technology, ITC Room, 1st Floor, 300 Riverview Plaza, Trenton, NJ

### Welcome:

#### 2018 Executive Officers:

Chair (County Liaison): Patty Leidner, Hunterdon County Division of GIS

Vice Chair (State Liaison): Chris Gould, New Jersey DEP, Bureau of Flood Control

Secretary (Federal Liaison): Trish Long, USDA, Natural Resources Conservation Service

#### Constituency & Task Force Reports:

- State Office of GIS
- County
- Federal
- State
- Surveyor
- Elevation
- Trails

#### Open Discussion/Announcements:

Any member is encouraged to bring his/her GIT issue or topic of discussion either to the Forum at this time or to their sector representative on the Executive Committee between Forum meetings. Anyone making an announcement at the meeting must provide a written summary of your comments to the NJGF Executive Committee Secretary to have them included in the meeting minutes.

#### Scheduled Speaker:

**3D GIS and Geodesign** - James L. Query, Jr., MRP, RLA, ASLA, Director and Associate Professor, MS in Geospatial Technology for Geodesign, Jefferson (Philadelphia University + Thomas Jefferson University)

3D-enabled GIS is fast becoming an essential component in modeling the built environment to evaluate change, make better decisions and communicate ideas more effectively. Geodesign at Thomas Jefferson University, College of Architecture and the Built Environment leverages this technology in architecture, historic preservation, landscape architecture, and sustainable design studios to enhance the design and planning process. Students organize design charrettes where community stakeholders are brought into the design process via rapid iteration sessions (evaluating alternative 'what-if' scenarios), all in 3D and in real-time. Parametric modeling software including Esri's CityEngine along with field data capture techniques such as LiDAR, are a few current examples, with sUAS (drones) using advanced photogrammetry technology coming on quickly. Visualization is a key driver but being able to measure the success of design alternatives using sustainable design and development metrics is also important. Students at Jefferson use this cutting-edge 3D technology, geodesign workflow, and community engagement techniques that help drive innovation in design and planning of the built environment.

#### Future General Meeting Dates:

- Wednesday, June 13, 2018 - 10:00 am to 12:00 pm. NJ Office of Information Technology, ITC Room, 1st Floor, 300 Riverview Plaza, Trenton, NJ
- Friday, October 26, 2018 - 2:00 pm to 4:00 pm, MAC URISA Conference, Atlantic City, NJ
- Wednesday, December 12, 2018 - 10:00 am to 12:00 pm. NJ Office of Information Technology, ITC Room, 1st Floor, 300 Riverview Plaza, Trenton, NJ

#### Future Executive Meeting Dates:

- Tuesday, April 10, 2018 – 10:00am to 12:00 pm. Riverview Plaza, 300, Room 402.
- Wednesday, June 13, 2018 - 1:00 pm to 3:00 pm. Riverview Plaza, 200, Room 402
- Tuesday, August 21, 2018 1:00 pm to 3:00 pm. Riverview Plaza, 300, Room 402
- Wednesday, December 12, 2018 - 1:00 pm to 3:00 pm. Riverview Plaza, 200, Room 402