

# LiDAR Application Networks

**JOIN A NETWORK TODAY - SIGN UP HERE** ↓

<https://www.srbc.net/pennsylvania-lidar-working-group/lidar-application-networks.html>

- Share Code, Scripts, Models, White Papers, Articles
- Attend Network Meetings and Conference Calls
  - Discuss Ideas and Concepts
  - Its Free to Join

## Pennsylvania LiDAR Working Group

An ad-hoc group of state, federal, and local government agencies and nongovernmental organizations that is working toward acquiring a complete QL2 LiDAR coverage for the state. As that endeavor continues with great success, the LWG has begun spearheading a complimentary effort known as application networks which focuses on utilizing LiDAR data through peer to peer collaboration and sharing.

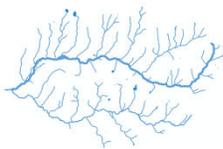
## Application Networks

As technology advances, the number and nature of applications for LiDAR data grow almost exponentially. Besides applications to derive specific facts or patterns from a single set of LiDAR data, we'll dramatically expand applications when we have multiple generations so that change detection between data cycles is possible. Furthermore, given the density and huge quantity of LiDAR data being collected, applications developed for managing and analyzing datasets in completely different endeavors may hold promise.



- **Data Management and Pre-Processing**

Focuses on ways LiDAR can be prepared for derivative products  
Contact Kenneth Juengling - [kjuengling@paturnpike.com](mailto:kjuengling@paturnpike.com)



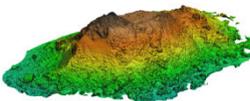
- **Hydrography**

Focuses on modeling streams, waterbodies, wetlands  
Contact Eric Jespersen - [ejespersen@jmttg.com](mailto:ejespersen@jmttg.com)



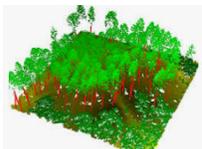
- **Structure/Infrastructure**

Focuses on structure recognition, extraction, 3-D, & change detection  
Contact Scottie Sheaffer - [c-sheaffe@pa.gov](mailto:c-sheaffe@pa.gov)



- **Topography and Surfaces**

Focuses on topographic & surface models, land use, geology  
Contact Matt Mercurio - [Matt.mercurio@civictmapper.com](mailto:Matt.mercurio@civictmapper.com)



- **Vegetation**

Focuses on extracting and analyzing different aspects of vegetation  
Contact Joe Petroski - [jpetroski@pa.gov](mailto:jpetroski@pa.gov)

