

Morning Sessions

DNREC - Flood Planning Tool Website, Changes to Beach Preservation Regulations and more Presented by Michael Powell & Gregory Williams

Topics covered during this four hour presentation include estimating base flood elevations in Zone A floodplains, using Delaware's Flood Planning Tool website, updated Floodplain maps in Delaware, completing FEMA's Elevation Certificate, recent changes to Delaware's Beach Preservation regulations, and NFIP reform update. **Four credits** will be awarded at the completion of the course.

PROFITING FROM POINT CLOUDS Presented by James M. Shaw, Jr., PLS

You do not have to own a laser scanner to benefit from point clouds. Just having the point cloud data can lead to better planning, better engineering, and better quality control - saving you and your client from costly mistakes. Just as important, you can provide profitable services extracting features and surfaces to better serve your existing markets or to pursue entirely new ones. Through a series of live demonstrations, you will learn to: acquire freely available LiDAR data and perform a site analysis; create a surface model from aerial LiDAR data; extract CAD or GIS features from terrestrial or mobile LiDAR; use photographic data from a UAS to create 3D models and to perform stockpile calculations; and, combine various data sources to create a complete topographic model. Yes, you can profit from point clouds! **Four credits** will be awarded at the completion of the course.

Afternoon Sessions

EASEMENTS, RIGHTS OF WAY, THE NFIP & FLOODPLAIN MANAGEMENT PERSPECTIVE Presented by Gary Dodge, Esq.

Topics that will be covered during this session include, but are not limited to - Adverse Possession, Easements and Rights-of-Way, ALTA Expectations, Licensing Expectations (Delaware), Easement Creation, Character of Use, Termination, Licenses and Profits. **Four credits** will be awarded at the completion of the course.

THE FUTURE SURVEYOR: ARE YOU RELEVANT? Presented by James M. Shaw, Jr., PLS

Disruptive technologies are rapidly changing many professions and land surveying is not immune. In this seminar we will examine the recent history of surveying and demonstrate how existing trends combined with emerging technologies will shape our near future. The discussion will include NCEES model law, current Delaware Code, recent judicial proceedings, and ongoing attempts to redefine the "practice of land surveying." Whether you are a technician, a current licensee, a business owner working on a strategic plan, or a future retiree wishing to increase the value of your company, this seminar will offer insight for all. There is great promise in the future, but only if you remain relevant. **Two credits** will be awarded at the completion of the course.

THE PRUDENT SURVEYOR Presented by James M. Shaw, Jr., PLS

As professionals we are held to the Standard of Care of the Prudent Surveyor. Who is this "Prudent Surveyor"? If you ever take the stand in defense of your work, your decisions may be judged against those of the Prudent Surveyor. Join in on a guided group discussion to question our everyday perceptions and see how other surveyors tackle the current surveying conundrums and the new challenges we will all soon face. Be prepared for a respectful debate as we discover just who is the Prudent Surveyor. **Two credits** will be awarded at the completion of the course.