

## Day 4 *Thursday, March 3, 2016—What's HOT in Geospatial Technology*

8:00–8:30	<b>Presentation</b> —Brian Huberty and David Duran, Remote Sensing					
8:30–9:00	<b>Software Demonstration</b> —Nate Irwin, NPMMap					
9:00–9:30	<b>Presentation</b> —Sam Veloz, Restoration and Conservation Planning in the Face of Climate Change					
9:30–9:45	<b>Break</b> — <i>Robert Byrd Auditorium</i>					
9:45–10:15	<b>Presentation</b> —Kenny Elsner and Reese Hirth, GPS/Mobile					
10:15–10:45	<b>Lightning Round II</b>					
10:45–11:15	<b>Software Demonstration</b> —Pat Lineback, Lei Ann Wilson and Justin Epting, Interagency Web Map Collaboration Using ScienceBase/DataBasin					
11:15–11:45	<b>FWS/NPS</b> —Guided Discussion/Open Forum					
11:45–1:00	<b>Lunch</b> — <i>Commons</i>					
	<b>Room 114 IE Data Management</b>	<b>Room 111 IE Remote Sensing I</b>	<b>Room G30 IE Remote Sensing II</b>	<b>Room G24 IE Web Mapping/Apps</b>	<b>Room 109 IE Spatial Analysis</b>	<b>Room 105 IE GPS/Mobile</b>
1:00–3:00	<b>Hands-On ServCat/ Datastore</b> Brent Frakes & Richard Easterbook	<b>Hands-On LiDAR</b> Tim Clark	<b>Hands-On ERDAS IMAGINE I tips and tricks:</b> Jeff Van de Vaarst	<b>Hands-On Map Collaboration Using ScienceBase/ DataBasin</b> Pat Lineback, Lei Ann Wilson, Emilie Luciani & Justin Epting	<b>Hands-On Spatial Statistics I Cluster Analysis</b> Brett Rose	<b>Hands-On Avenza</b> Tristan Lyttle
3:00–3:15	<b>Break</b> — <i>Instructional East</i>					
3:15–5:00	<b>Domains &amp; Relationships</b> Eric Kelchlin	<b>Image Data Acquisition</b> Brian Huberty, Mike Artmann & Glenda DeVinney	<b>ERDAS IMAGINE II tips and tricks:</b> Jeff Van de Vaarst	<b>Web Mapping Services</b> Chris Lett Greg Galligan	<b>Spatial Statistics II Regression Analysis</b> Brett Rose	<b>GeoJot</b> Brian Diethorn
5:30–7:00	<b>Dinner</b> — <i>Commons</i>					
7:00–9:00	<b>FWS/NPS Social</b> — <i>Renaissance Fest</i>					

## Day 5 *Friday, March 4, 2016—Let's Talk Geospatial—Issues and Solutions*

8:00–8:30	<b>Software Demonstration</b> —ESRI, What's New, ArcGIS Pro & ArcGIS 10.4 Desktop
8:30–9:00	<b>Presentation</b> —Matt Ball, V1 Media
9:00–9:30	<b>Lightning Round III</b>
9:30–9:45	<b>Break</b> — <i>Robert Byrd Auditorium</i>
9:45–10:15	<b>Presentation</b> —Brian Carlstrom, Superintendent, Biscayne National Park—Transitioning from GIS to Leadership
10:15–10:30	<b>Closing comments, evaluations</b> — <i>Adjourn</i>



# FWS Geospatial Training Workshop

## *Schedule*

*February 29–March 4, 2016  
Shepherdstown, WV*

# Day 1 *Monday, February 29, 2016*

	Room G30 IE	Room 109 IE	Room G24 IE
8:00–12:00	<b>Hands-On ArcGIS Pro</b> Tim Clark	<b>Hands-On ArcGIS Pro</b> Ken Gorton	<b>Hands-On ArcGIS Pro</b> David Attaway
12:00–1:00	<b>Lunch</b>		
1:00–5:00	<b>ArcGIS Pro</b> <i>Continued</i> Tim Clark	<b>ArcGIS Pro</b> <i>Continued</i> Ken Gorton	<b>ArcGIS Pro</b> <i>Continued</i> David Attaway
5:30–7:00	<b>Dinner</b> —Commons		

**Note** – Morning Break 10:00 – 10:15, Afternoon Break 3:00 – 3:15, Instructional East

# Day 2 *Tuesday, March 1, 2016—Trends and Strategies in Geospatial Technology*

8:00–8:15	<b>Welcome/Introduction</b> —Jim Willis, Mark Richardson, <i>Robert Byrd Auditorium</i>					
8:15–8:45	<b>Presentation</b> —Dr. Jerry Johnston					
8:45–9:15	<b>Software Demonstration</b> —ESRI, ArcGIS On-Line					
9:15–9:45	<b>Presentation</b> —Chris Lett and Seshu Vaddey, FWS/NPS Geospatial Strategies					
9:45–10:15	<b>Break</b> — <i>Robert Byrd Auditorium (Group Photo)</i>					
10:15–10:45	<b>Software Demonstration</b> —ESRI, Story Maps					
10:45–11:15	<b>Lightning Round I</b>					
11:15–11:45	<b>FWS/NPS</b> —Guided Discussion/Open Forum					
11:45–1:00	<b>Lunch</b> —Commons					
1:00–5:00	<b>ESRI Doctor's Office</b> —Room 110IE, Sign up at the Registration Desk at Entry					
	Room 114 IE Data Management	Room 111 IE Spatial Analysis I	Room G30 IE Remote Sensing	G24 IE Web Mapping/Apps	Room 109 IE Spatial Analysis II	Room 105 IE GPS/Mobile
1:00–3:00	<b>Hands-On Data Management Planning</b> David Hines & Greg Galligan	<b>Hands-On Model Builder</b> Paul Lang	<b>Hands-On UAS I Mission Planning</b> Jeff Sloan & Joe Adams	<b>Hands-On AGOL/Portal/Story Maps</b> Ken Gorton	<b>Hands-On R-Raster Processing</b> Adam Smith	<b>Hands-On Collector</b> Tosia Shall
3:00–3:15	<b>Break</b> — <i>Instructional East</i>					
3:15–5:00	<b>ServCat/ Datastore</b> Brent Frakes & Richard Easterbook	<b>Python Scripting</b> Tim Clark	<b>UAS II Post Processing</b> Jeff Sloan & Joe Adams	<b>AGOL/Portal/ Story Maps</b> <i>Continued</i> Ken Gorton	<b>R-Raster Processing</b> <i>Continued</i> Adam Smith	<b>Collector</b> <i>Continued</i> Tosia Shall
5:30–7:00	<b>Dinner</b> —Commons					
6:30–7:30	<b>GIS Steering Committee</b> —107IE					

# Day 3 *Wednesday, March 2, 2016*

8:00–9:30	<b>FWS/NPS Program Breakout Meetings</b> <b>FWS—Refuges</b> —Todd Sutherland, Ron Salz and Gabe DeAlessio, <i>Auditorium</i> <b>FWS—Ecological Services/Fisheries &amp; Aquatics</b> —John Swords & Mitch Bergeson, <i>151/W</i> <b>FWS/NPS—LCC's and Science Applications</b> —Matt Heller, <i>103IE</i> <b>NPS—Natural Resources</b> —Seshu Vaddey and Julie Recker, <i>107IE</i>					
9:30–10:00	<b>Break</b> — <i>Instructional East</i>					
10:00–12:00	<b>FWS/NPS Showcase</b> —NCTC Gymnasium <i>FWS/NPS Program demonstrations, Maps/Poster sessions (see hand-out/map)</i> <i>ESRI Doctor's Office, Sign up at the Registration Desk at Entry</i>					
12:00–1:00	<b>Lunch</b> —Commons					
1:00–5:00	<b>ESRI Doctor's Office</b> —Room 110IE, Sign up at the Registration Desk at Entry					
	Room 114 IE Data Management	Room 111 IE Remote Sensing	Room G30 IE Remote Sensing II	G24 IE Web Mapping/Apps	Room 109 IE Spatial Analysis	Room 105 IE GPS/Mobile
1:00–3:00	<b>Hands-On Data Management Planning</b> David Hines & Greg Galligan	<b>Hands-On LiDAR</b> Tim Clark	<b>Hands-On UAS I Mission Planning</b> Jeff Sloan & Joe Adams	<b>Hands-On AGOL/Portal/Story Maps</b> Tosia Shall	<b>Hands-On R-Raster Processing</b> Adam Smith	<b>Hands-On TerraSync Pathfinder Office</b> Reese Hirth
3:00–3:15	<b>Break</b> — <i>Instructional East</i>					
3:15–5:00	<b>Introduction to Topology</b> Gabe DeAlessio	<b>Image Data Acquisition</b> Brian Huberty & Mike Artmann	<b>UAS II Post Processing</b> Jeff Sloan & Joe Adams	<b>AGOL/Portal/Story Maps</b> <i>Continued</i> Tosia Shall	<b>R-Raster Processing</b> <i>Continued</i> Adam Smith	<b>TerraSync Pathfinder Office</b> <i>Continued</i> Reese Hirth
5:30–7:00	<b>Dinner</b> —Commons					
7:00–8:00	<b>Geospatial Game Show</b> — <i>Roosevelt Room/Commons</i> —Jason Duke and Kurt Snider					