

## **FIELD DATA COLLECTION FOR US&R: GPS TO SURVEY123**

This eight-hour session will introduce participants to geospatial tools that can be utilized by Search and Rescue (SAR) personnel during disaster response, including both GPS and Survey123. The course will begin with a brief overview of GPS operations and the “Iron Sights” methodology. Participants will then perform a wide area search (WAS) operation where they will collect data using a GPS; they will then go through the GPS Use and Conversion protocol to convert the GPS data for use in Google Earth. The second half of the course will focus on the use of Survey123, including the SAR and First Responder Field Data Collection Form developed by the National Alliance for Public Safety GIS (NAPSG) Foundation. (this is the same form deployed by FEMA US&R and the International Association of Fire Chiefs (IAFC) participating agencies). Participants will go through a second WAS operation where they collect data using Survey123. They will then be shown how to quickly and efficiently analyze incoming data for situational awareness, reporting purposes, and timely decision making. Participants are required to bring their own laptop, Garmin GPS unit, and smart device.

### **JARED DOKE**



**Jared Doke** is currently a Program Specialist with the National Alliance for Public Safety GIS (NAPSG) Foundation where he helped develop the SAR and First Responder Field Data Collection Form – Deployment Kit, versions of which are deployed by FEMA and IAFC for field data collection. He is on the NAPSG Search and Rescue Working Group and the NAPSG USAR Field Data Working Group. He was previously a Tech Info Specialist with Missouri Task Force One, and he spent four years as a contractor for the National Park Service where he instructed

NPS personnel to conduct wildfire risk assessments using mobile GPS units. He has instructed GPS courses for Midwest Search and Rescue and developed GPS course curriculum for the National Association for Search and Rescue (NASAR). He also once served as a full-time firefighter/EMT for Mission Township Fire Department in Topeka, KS.