



# SARGIS9



Day 1 - Monday, November 6th, 2017

|          |  |
|----------|--|
| 8:00 AM  | <b>Registration and Welcome</b>  |
| 8:30 AM  | <b>SARGIS9 Objectives and Logistics – What is SARGIS?</b><br>Paul J. Doherty, PhD and Jared Doke<br>National Alliance for Public Safety GIS (NAPSG) Foundation   |
| 9:00 AM  | <b>The Role of Geospatial in Urban Search and Rescue</b><br>Scott Olsen<br>Fire Chief - Boone County Fire Protection District & FEMA MOTF1   |
| 9:30 AM  | <b>The Role of Geospatial in National Park Service Emergency Services</b><br>Andrew Hower<br>Deputy Chief, Emergency Services - National Park Service (NPS)  |
| 10:00 AM | <b>Social Networking Break - Topic: Get To Know Eachother</b>  |
| 10:15 AM | <b>Hands-On – Field Apps</b><br>MyUSNG + Explorer for ArcGIS<br>Doug Morgenthaler - Esri   |
| 10:45 AM | <b>The Role of Geospatial in the Mountain Rescue Association</b><br>Bryan Enberg<br>President - Mountain Rescue Association  |
| 11:15 AM | <b>Case Study: Snow Leopard SAR</b><br>Curtis DeVault<br>GIS Specialist – Gallatin County Search and Rescue  |
| 11:45 AM | <b>Panel Discussion – Geospatial Concept of Operations for WiSAR vs USAR - Compare and Contrast</b><br>Morning Speakers  |
| 12:15 PM | <b>Lunch On Your Own + Survey123 Exercise</b>  |
| 1:15 PM  | <b>NAPSG Foundation Community</b><br>Rebecca Harned - Director<br>Director - National Alliance for Public Safety GIS (NAPSG) Foundation  |
| 1:30 PM  | <b>Case Study: Lessons from Hurricanes Harvey, Irma, Maria (hopefully no more hurricanes)</b><br>Carla Boyce<br>Director - National Alliance for Public Safety GIS (NAPSG) Foundation  |
| 2:00 PM  | <b>Case Study: Use of UAS in Search and Rescue</b><br>Brandon Torres<br>Branch Chief of Emergency Services - Grand Canyon National Park  |
| 2:30 PM  | <b>Social Networking Break - Topic: Meet A GIS Geek</b>  |
| 3:00 PM  | <b>Speed Geeking</b><br>David Runneals - Can the Crowd....Rescue?<br>Don Ferguson - Probability of Area in SAR<br>John Holub - FEMA GIS<br>Vanessa GL - Maps, Apps, and Rangers<br>Peter Devanney (Video) - MapSAR From The Great White North<br>Doug Morgenthaler - Taking WebGIS with You<br>Justin Adams - I've Got Drones...Now What?/Emerging Patterns of UAS in SAR (14 Min) |
| 4:00 PM  | <b>Breakout Sessions</b>   |
| 4:30 PM  | <b>Day 1 Debrief and Training Prep</b><br>Paul J. Doherty, PhD and Jared Doke<br>National Alliance for Public Safety GIS (NAPSG) Foundation  |
| 5:30 PM  | <b>Day 1 Adjourns - Social Network Event at Nighthawk Brewery</b>  |

Scan the QR code to open the survey on your device

Field Exercise at Lunch:



Agenda:



#SARGIS9



## Day 2 - Tuesday, November 7th, 2017

|                            | Time  | Main Room  | Breakout Room   |
|----------------------------|-------|--|---|
| Using Geospatial Tools     | 0830h | GPS For the Field [Bryan Enberg / Jared Doke]                |   |
|                            | 0930h | USNG - Paper Maps & Apps [Cole Brown]                        | Train the Trainer - GPS I/II [Bryan Enberg]   |
|                            | 1030h | Using MapSAR Online [Paul Doherty]                           |   |
|                            | 1130h | Introduction to Web GIS [Doug Morgenthaler and Paul Doherty] |   |
|                            | 1200h | Lunch On Your Own  | ArcGIS Pro Setup  |
| Preparing Geospatial Tools | 1300h | Web Map [Paul Doherty]                                       | "Ask An Expert" - This is time designated to ask questions about IGT4SAR, ArcGIS Online, Field Apps, etc. For those that finish tutorials early |
|                            | 1400h | Feature Layer [Paul Doherty]                                 |   |
|                            | 1500h | Situational Awareness Viewer [Paul Doherty]                  |   |
|                            | 1630h | Demonstration: Introduction MapSAR Pro [Don Ferguson]        |   |
|                            | 1730h | Debrief  |   |

#SARGIS9



## Day 3 - Wednesday, November 8th, 2017

|                      | Time  | Main Room  | Breakout Room                                    |
|----------------------|-------|--|--|
|                      | 0800h | Getting ArcGIS Pro Setup                                       | Field Training Setup                             |
| Analysis Tools       | 0830h | Getting Started With MapSAR Pro                                | Creating Geospatial Tools (Continued) Extra Time |
|                      | 0930h | Demonstration: IGT4SAR Cell Phone Analysis [Don Ferguson]      |  |
|                      | 1000h | Demonstration: IGT4SAR Probability of Area [Don Ferguson]      |  |
|                      | 1030h | Demonstration: IGT4SAR Probability of Detection [Don Ferguson] |  |
| Creating Field Tools | 1100h | Survey123 - Clue Log [Paul Doherty]                            | IGT4SAR and MapSAR Pro (Continued)               |
|                      |       | Workforce for ArcGIS [Doug M.]                                 |  |
|                      | 1200h | Lunch On Your Own  | Setup ICP and Field Training                     |
| Exercises            | 1300h | Field Exercise   | Incident Command Post                            |
|                      | 1400h |  |  |
|                      | 1500h | Collaboration Exercise   |  |
|                      | 1600h | After Action Review  |  |
|                      | 1700h | Debrief  |  |