

General/Management Track

Thursday, May 28

1330-1500

Workshop Gen/Mgt #1, General/Management SAR – Grand Ballroom, Salon B

Geocaching as a SAR Training Tool

Fred Halley, Jr., NorthEast Mobile Search And Rescue

Search and Rescue (SAR) training is challenging, time consuming, and strenuous. SAR instructors are continually looking for new and innovative ways to teach vital skills that can mean the difference between life and death, or a rescue and a recovery. Geocaching is a high tech treasure hunt that offers an inexpensive and entertaining way to learn and improve both basic and advanced SAR skills. Through Geocaching and the use a Global Positioning System (GPS) receivers or other navigational techniques, participants play a high-tech sport of hide and seek. In the course of play, geocachers learn or enhance their skills in mapping, compassing, clue detection, and other SAR techniques in a non-emergent, non-life-threatening situation. Map and compass are one of SAR's most basic skills and Geocaching helps searchers build map and compass skills by using the same techniques to find a hidden cache that SAR uses to locate a lost person. It also improves the searchers' understanding of and ability to use GPS devices for search and rescue. SAR personnel need to have a true understanding of how GPS devices operate and of what the devices' features and limitations are.

1530-1700

Workshop Gen/Mgt #2, General/Management SAR – Grand Ballroom, Salon B

SAR REHAB Response

Kathleen Barton, NorthEast Mobile Search and Rescue

Are we taking care of ourselves and our team responders?

This presentation will look at how we make sure we do not become the victim. The fire service and HAZMAT response have long acknowledged the need to make sure the responders are well taken care of before during and after the incident. Are we doing the same for our SAR responders? Do we take better caution with our K9s than ourselves before during and after? Who looks out for US? How do we do so? What do we need to look at? Kathleen will strive to answer these and other questions during this session.

Friday, May 29

0830-1000

Workshop Gen/Mgt/ #3, General/Management SAR – Grand Ballroom, Salon B

Searching in the Age of Online Social Networks

Christopher S. Young, Contra Costa County Sheriff's Search and Rescue Team

As technology and the information super highway advances, so has its use in the search for a missing person. Recent documented cases have shown that pure investigation using the Internet have resulted in the location of missing persons, thus preventing unnecessary use of valuable resources in the field, giving the phrase "Internet Search" a whole new meaning. While today's younger generation is adept at moving around the social networks of cyber space, like the popular "MySpace" "Facebook" and "Twitter", many of us "troglodytes" need some guiding through the immense maze of information. This presentation will explore a multitude of social networks, blogs, wiki sites; the terminologies; the mechanics of moving around in these new cyber spaces; where to look for pertinent information that may be related to the missing person disappearance, and how to apply the information in building the missing person profile and investigation.

1100-1200

Workshop Gen/Mgt/ #4, General/Management SAR – Grand Ballroom, Salon B **SAR Team SOP's (What to, what not to)**

Paul Falavolito, Mark Jones, White Oak EMS

This presentation will be an overview of a SAR teams organizational structure, that will include an in depth look at SAR team Standard Operating Procedures. Discussion points will be on what to have, what's nice to have, what not to have and more.

1330-1500

Workshop Gen/Mgt/ #5, General/Management SAR – Grand Ballroom, Salon B **Regardless of all you've heard- NIMS is NOT a Four Letter Word**

Fred Mullen, Franklin County, Arkansas Emergency Management

Our organization had some difficulty in adopting the National Incident Management System. The teaching materials explain the structure well, but didn't seem to provide us with the guidance on how to implement it. Nor did it give us much input into what the tasks are that go along with each function box. So we developed an underlying core of essentials of ICS that appeared to be the best practices for utilizing the system. We also realized there were 'culture issues'—we had to determine how to discontinue what we had been doing as responders for years. We now look at ICS not just as a structure, but as a responder responsibility—a part of our standard of care. We now try to recognize it not just as a group of boxes, but the emphasis on the relationships it establishes, the communications it improves and the focus it can bring to bear on the mission at hand. We don't have all the practical answers, but we will lead you on a productive discussion of this important concept.

Saturday, May 30

0830-1000

Workshop Gen/Mgt/ #6, General/Management SAR – Grand Ballroom, Salon B **Wandering: Prevalence and Response for People with Alzheimer's Disease**

Kristy Klein, MSW, Alzheimer's Assoc. National Office

Alzheimer's disease (AD) is a progressive, degenerative disease that attacks the brain. Symptoms of AD include gradual memory loss, decline in ability to perform routine tasks, impairment of judgment, disorientation, difficulty in learning, loss of language skills, and a decline in intellectual function. The person with AD often experiences confusion, personality and behavior changes, and difficulty finding words, finishing thoughts or following directions. One of the most life threatening and common behaviors exhibited by people with AD is wandering. Studies show that over 60 percent of people with Alzheimer's disease will wander at some point during the progression of the disease. The activity often results in individuals wandering away from their caregivers; placing them at risk for becoming lost, injured or exposed to dangerous elements. If not found within 24 hours, up to 50 percent of those people risk serious injury or death.

This presentation will discuss the reasons why people with dementia wander, common wandering patterns displayed by people with dementia and how to effectively communicate with the person with dementia (if found) and his or her caregivers throughout a search. Tools to assist in the search process will be provided.

1030-1130**Workshop Gen/Mgt/ #7, General/Management SAR – Grand Ballroom, Salon B**
Youth Programs for Search and Rescue

Allen Lawrence, Arkansas Explorer Search and Rescue

The Youth Programs for Search and Rescue presentation will address the history and background of Arkansas Explorer Search and Rescue as an example of how youth can become involved in Search and Rescue and how youth oriented SAR Teams can be formed and utilized as viable resources. The Arkansas ESAR training program will be reviewed to show examples of how a multi-year program can be developed to offer a well rounded and exciting program for youth members. Sponsorship of a parent organization, insurance and liability issues, and funding will be discussed. Recruiting youth and quality adult leadership to build a strong SAR Team is the key for success. Tips, techniques, and lessons learned from our sixteen year history will be discussed. There will be a discussion period to answer your questions about Youth Programs for Search and Rescue.

1300-1500**Workshop Gen/Mgt/ #8, General/Management SAR – Grand Ballroom, Salon B**
Probability Mapping

Charles R. Twardy, SARBayes Project
Robert Koester, dBS Productions

The goal of Lost Person Behavior statistics is to create a full 2D probability map accounting for all the relevant variables, including: the lost person, the terrain, the scenario, and the elapsed time. We will discuss the latest summary findings from the large International SAR Incident Database (ISRID), new SARBayes models based on ISRID, and 2D probability maps generated from those models. Since 2000, Bob and Charles have collaborated on several projects related to ISRID, including "Missing Person Behavior: An Australian Study", and several U.S. State summaries modeled on that, and issued as those states were added to ISRID.

1530-1730**Workshop Gen/Mgt/ #9, General/Management SAR – Grand Ballroom, Salon B**
Search Mathematics for SAR Managers and Planners

Dan O'Connor, Northeast Wilderness Search & Rescue

Search managers need proficiency across a range of mathematical functions to effectively define a search area, deploy resources and update results from the field. This two hour workshop will provide participants with an in-depth look at search management math and some of the software tools available to ease this process. Topics include calculation of theoretical and statistical search areas, how to find and use the median and various percentiles of lost person distances traveled, how to analyze your own agency lost person data and include it in a pre-plan, various methods for creating an initial consensus, updating a search with and without ROW, routines for optimizing the deployment of resources, the mathematical importance of confinement, relating Probability of Detection (POD) to coverage, K9 POD for SAR managers, calculating cumulative POD for a segment, and use of grid search planning formulas to determine the required number of searchers, searchable area, hours of searching needed and required spacing given a particular set of constraints. Emphasis will be on developing a conceptual understanding of the techniques prior to using spreadsheets or software like Windows CASIE to do the math. All software used in this class will be available as free downloads.