

Mass Disaster and Post Bomb Blast Scene Recovery

F.I.R.S.T., Tripwire Operations Group, LLC

Gettysburg, PA; August 6-10, 2018



Course Summary: The goal of this course is to provide participants with a working knowledge of how to conduct the most efficient and effective processing of a large-scale disaster scene involving multiple human victims. Nationally-recognized standards (Weldon Spring and Clarence Center Protocols) developed, tested, and published by the course directors will be presented and demonstrated. The course will begin with a history of past recovery efforts at incidents such as the USAir Flight 427, ColganAir Flight 3407, and United Flight 93 (9/11), followed by a discussion of prioritization of various types of evidence associated with these incidents and scenes. An emphasis will be placed on demonstrating and utilizing the multiple levels of scene mapping equipment including electronic total stations, high-end GPS units, 3D scanners, and mapping and documentation drones. A mock scene involving the detonation of a vehicle with animal proxies within will allow participants to implement protocols and techniques discussed through the use of mapping and documentation equipment in order to process the large-scale disaster scene.



Cost: \$1100.00

Course Instructors:



Dennis C. Dirkmaat, Ph.D., D-ABFA. Since 1986, Dr. Dirkmaat has conducted over 600 forensic anthropology cases for over 70 coroners, medical examiners and state and local police. He is currently a committee member of the Disaster Victim Identification Subcommittee, within the Organization of Scientific Area Committees (OSAC), administered through the US National Institute of Stand-



Michael J. Hochrein, B.A., retired from the FBI after more than 29 years as a Special Agent, where he assisted in the collection of evidence related to the shooting and arrest of Boston Marathon Bombing suspect, the 2001 attack on the World Trade Center in New York City, and the 1995 Oklahoma City bombing of the Murrah Federal Building. He is currently an adjunct professor in La Roche College's Department of Justice, Law and Security.



Ryan Morris, B.A., is the owner of Tripwire Operations Group, LLC, an ATF licensed Explosives and Firearm's importer/dealer/manufacturer. Mr. Morris is a graduate of the FBI Hazardous Devices School, ATFE Advanced Explosive Destruction Techniques, ATFE Underwater Explosive Recovery, FBI Post Blast Investigations, TEES Basic and Advanced Explosive Entry Techniques, and USMC CBIRF WMD Explosive Ordinance Disposal Seminar.