



Beneath the Sea
 March 29, 30, 31, 2019
 Meadowlands Exposition Center
 Secaucus, New Jersey



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Public Safety Diving



Friday, March 29, 8:30 am - 5:00 pm

Lunch included - \$85

If you are a team leader, you know how difficult it is to eliminate risk for public safety dive teams. It is a dangerous job. However, new technology and new information can minimize your risk and keep you and your team safer. Find out how at this day-long program exploring some of the timeliest topics focused on public safety diving. Each topic designed to help you be a crackerjack team leader, a leader known for keeping your team safe when working in the water.

The Good, The Bad, THE PAPER WORK

Presenter: Tim Andro This presentation is intended to explain the importance of paper work and how poor record keeping can shut down your team. We will start by explaining the required paper work that should be in place from the very beginning of an operation and go step by step till the end. Then we will discuss the extreme importance of maintaining diver paper work, not only for the department but for the divers own safety. Finally, we will discuss the approach our team took to maintaining equipment logs and service records.

Put The Safety Back In Public Safety!

Presenter: Butch Hendrick: The new wave of public safety diving is not paying enough attention to diver safety. PSD divers certified to dive a FFM cannot clear them. Our misunderstanding of tethered diving is causing some in the industry to say that it is dangerous rather than to understand how to properly do it. If we don't know how to safely teach something then we say it's dangerous. With the result that what is being taught, surface rescue, swiftwater instructors, trying to write protocols for moving water diving.

The Thailand Cave Rescue

Presenter: Barry Lipsky On June 23rd, 2018 12 boys went exploring in Thailand's Chiang Rai Province with their football coach and became trapped by water inside a cave deep under a mountain. What happened over the next two weeks is a remarkable story of how thousands of people from all over the world, exhibiting unbelievable human endurance would show the lengths that some people will go to in order to save the life of someone else's child.

Accident Prevention In Public Safety Diving

Presenter: Barry Michael Pizzio

Common issues in PSD command, training and equipment that can result in an accident. This discussion concerns accidents and near misses from the view of a retired FBI Special Agent / Dive Team Leader who currently conducts diving accident investigations.

Why Do Divers Make Irrational Mistakes And Break Rules?

Chantelle Taylor-Newman

PSD is high-risk. However, many of the hazards aren't managed via a formal risk management process because the probabilities are not quantifiable; instead we are managing uncertainty. This means we use emotions, cognitive biases, and experience, all of which are fallible. Learn how change is really managed to improve your team's safety and performance.

Applied Aquatic Physics for Safe and Effective Public Safety Diving

Presenter: Andrea Zaferas

Tenders, divers, command staff armed with Boyle's Law & and SAC-rates can monitor blackwater diver tank pressures throughout the dive by documenting diver respiratory rates. How long will that pony bottle last me? How does Boyle's Law & Archimedes Principle affect submerged corpses? The physics of lifting objects underwater.

FOR IMMEDIATE RELEASE

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