

Association of Engineering and Environmental Geologists Annual Meeting

Short Course 4:

geoDRONEology©: Applying Drones to Geoscientific Mapping

DATE: Saturday, September 16, 2017

TIME: 8:00 am - 5:00 pm

5:00 – 7:00 PM UAS Colorado Special Meetup – with special presentation on

Geohazard Detection and Assessment Using Drones

Registration Fees: \$250 AEG Members \$300 Non-Members \$100 Students

Short Course Description:

Drones are rapidly becoming a tool of choice for gathering geoscientific mapping data at the property scale by geoscientists exploring for resources, conducting environmental site investigations, and providing geotechnical support to engineers tasked with planning and executing infrastructure development and resource extraction projects due to the relative ease of use, high quality data, and low cost per data point. This one day short course is structured to provide those new to drones as well as those that are currently employing drones with the practical knowledge of photogrammetry and LiDAR base mapping as well as low altitude remote sensing using infrared cameras and magnetometers. In addition to instruction, industry experts have been invited to present case histories on the application photogrammetry and LiDAR using drones for environmental site characterization and detailed geologic fracture mapping. There will be a special one (1) hour Industry Segment in the afternoon that will be open to anyone who is interested where six (6) UAS service providers and drone technology companies will present on their work and technology. The last hour of the short course will be an open forum where the attendees are will be encouraged to ask questions of the industry experts, presenters, and instructor.

In the evening, immediately following the course, there will be a special meetup of UAS Colorado with refreshments, finger food, and a presentation on the use of drones to detect and assess geological hazards.

If you are already using drones in your projects, this course will provide you with new insights that will enhance your knowledge of geoscientific mapping via drone.

If you wish to learn how to start integrating drones and the data obtained with a drone into your work flows, sign up for this course today!

**To learn more, visit: <https://www.aegannualmeeting.org/short-courses>
or email Ron Bell at rbell@igsdenver.com**