



April 2015 Newsletter

*Intermountain Section of the Association of
Environmental and Engineering Geologists*

AEG Meeting Announcement



Speaker: Kevin W. Franke, Ph.D., P.E.

Presenting:

**Using Unmanned Aerial Vehicles (UAVs) to Create 3D Surface Models
of Various Geohazards**

Abstract:

The rapidly growing area of unmanned aerial vehicles (UAVs) is gaining the attention of geologists, engineers, and earth scientists throughout the world, and it should! The flexibility, maneuverability, resiliency, and relative affordability of small UAVs present significant advantages over many traditional methods of data acquisition and remote sensing. As sensors continue to become smaller and more affordable, the usefulness and potential capabilities of small UAVs will only continue to increase. This presentation will summarize lessons learned from our research group in creating 3D surface models of various geohazards. Models of landslides, rockfalls, dams, and soil liquefaction will be presented and discussed. Details regarding the UAV platforms and the sensors used to develop the models will also be discussed.

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Meeting Details

When: *Thursday April 9, 2015*

Where: **Citris Grill:** 3977 S Wasatch Blvd, Salt Lake City, UT 84109

What: AEG/UGA *Dinner/Social 5:30-6:30 PM-----Program Begins 6:30 PM*

Dinner: On your own-please RSVP so we can alert the servers

Talk: **\$4 Members, \$5 without RSVP**

\$1 Student Members, \$2 without RSVP

Additional \$1 Non-Members

How: *RSVP aegintermountain@gmail.com or Call*

Jessica Castleton at 1-801-537-3381

by 12 Noon Wednesday April 8, 2015

Chair's Corner

Greetings,

Thanks for attending last month. We had a great speaker on aquifer characterization during ground freezing. Citris Grill worked out well and we are going to try it again for our next meeting on drones. In the future we may try moving our monthly meetings to Tuesdays as it is not as popular a night for bookings and noise. Are there any objections or thoughts for moving our meetings to Tuesdays?

For May, due to everyone's busy schedule we are postponing a field trip until late summer-early fall. Our May speaker is TBD. Field Trips!! Is there a place in Utah you want to go? If so let us know and we will try find knowledgeable speakers in that area and get something going. Your ideas are encouraged.

Enjoy Spring...

Joan Kester – Section Chair
Senior Geologist P.G./GIS Specialist

NEWS:

2015 Membership
Renewal Due

AEG/Local Announcements

GSA 2015 Section Meetings and Annual Conference

The 2015 **Annual Conference** will be held November 1-4, 2015 in Baltimore, Maryland. GSA is currently calling for proposals for field trips, technical sessions and short courses so be sure to keep an eye out on the <http://geosociety.org/meetings/2015/> for future upcoming updates.

In addition, the **Rocky Mountain Section Conference** will be held May 21-23, 2015, in Casper, WY: "Fractures, Fossils and Fumaroles." See <http://geosociety.org/Sections/rm/2015mtg/> for more information.



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