

THE OREGON GNSS USERS GROUP PRESENTS

HANDS-ON SURVEYING WITH UAS (DRONES)

The development of small Unmanned Aerial Systems (UAS) along with lightweight sensors and software have revolutionized aerial mapping. OGUG is pleased to provide Geospatial Professionals in Oregon a chance to witness these technologies in action.

Tuesday August 23, 2016 8:30 am – 4:00 pm

**NW Eola Viticulture Center of Chemeketa C.C.
215 Doaks Ferry Rd., Salem, OR 97304**

Registration Fee: Members \$25 / Non-members \$75 PDH Credits: 6
(Hint: Consider becoming a member for \$12!)

Coffee, pastries and catered lunch (sandwich) provided.

AGENDA

- 7:30 – 8:30 Check-in (Pre-registration only—No registration at the door)
- 8:30 - 9:00 Coffee and pastries, networking
- 9:00 - 9:45 Regulatory discussion. Discussion about the current FAA rules for operating a UAV in the United States as well as the proposed rules that are under discussion.
- 9:45 - 10:30 General UAV technology discussion. Airframes, sensors, guidance
- 10:30 - 11:15 Examples of sites flown with a UAV and the deliverables (orthophoto mosaics, DEMs, elevation contours, videos) created.
- 11:15 - 12:00 Fixed wing UAS demo – watch the preparation, launch and mapping of the Eola area.
- 12:00 - 1:00 Tasty Catered Lunch
- 1:00 - 1:45 Fixed wing mapping results – review the map and data from an identical mission flown previously.
- 1:45 - 2:30 Quad copter UAS demo - watch the preparation, launch and mapping of the Eola area.
- 2:30 - 3:15 Quad copter mapping results – review the map and data from an identical mission flown previously.
- 3:15 – 4:00 Group discussion

RSVP: Chris Munson, Secretary chris@munson-assoc.com

Questions? David Hills, Chair (503) 679-3865 David_Hills@fws.gov

Send one registration per person to: Chris Munson 233 Southwest Wilson Ave., Ste.5, Bend, OR 97702

Make Checks payable to: Oregon GNSS Users Group

OGUG tax ID# 93-1282014 For map and directions: WWW.ogug.net

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Name: _____

Address: _____

Phone: _____ Email _____