

Remote Sensing for Unmanned Aerial Systems Workshop

Desert Research and Extension Center

1004 Holton Rd, Holtville, CA 92250

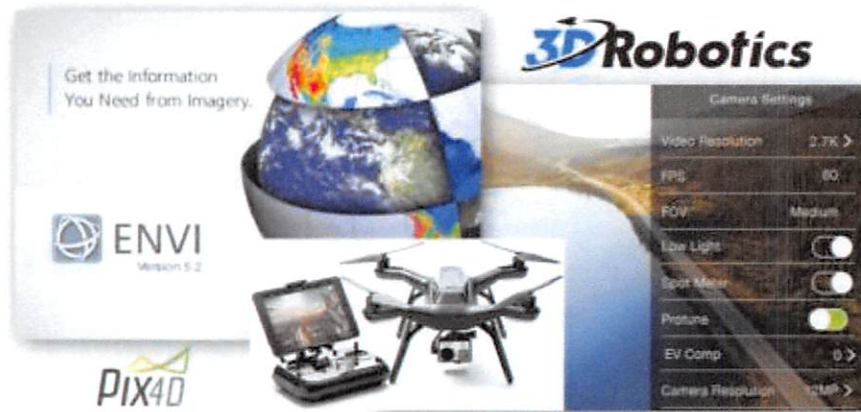
Friday, May 27th, 2016, from 10:00am to 3:00pm

Goal: To provide an overview of remote sensing applications for unmanned aerial systems (UAS) to UC Cooperative Extension Advisors, Specialists and other UC affiliates, as well as public and private resource professionals.



Workshop Content: This workshop is designed for participants with little to no experience in remote sensing or UAS technology and who are interested exploring practical applications of mapping land cover. Following a brief lecture on UAS technology and sensor payloads, a hands-on exercise will introduce you to UAS imagery processing and creating your own maps. To conclude the workshop, we will discuss a wide range of further applications of UAS for agriculture and natural resource management.

This course content is the result of a collaborative effort between the UC ANR IGIS Statewide Program, <http://igis.ucanr.edu>, the UC Berkeley, Geospatial Innovation Facility (GIF), <http://gif.berkeley.edu/>, the UC Davis, Center for Spatial Technology and Remote Sensing (CSTARS), <http://cstars.metro.ucdavis.edu/>, and the UC Merced, Mechatronics, Embedded Systems and Automation (MESA) Lab, <http://mechatronics.ucmerced.edu/>.



Audience: Public and private resource professionals as well as UC Cooperative Extension Advisors, Specialists and other UC ANR affiliates.

Requirement: Participants must bring a laptop computer with a recent version of ENVI (recommended) or Erdas remote sensing software, and ArcGIS installed on it.

ENVI and Erdas Imagine can be temporarily obtained for this workshop through IGIS. For more information on downloading and acquiring the program licenses please contact Shane Feirer, at stfeirer@ucanr.edu

ArcGIS can be obtained for UC ANR work computers free of charge at [Click Here](#)

Please download the ENVI or Erdas Image, and ArcGIS software and request a user license several days in advance of the workshop to ensure that they are properly functioning before the workshop date.

When & Where: May 27th, 2016, from 10am to 3pm, with a one hour catered lunch break from 12pm to 1pm.

UC Agriculture and Natural Resources
Desert Research and Extension Center
1004 East Holton Road, Holtville CA. 92250

Google Map link: [Click Here](#)

Cost: \$30 (account # and contact information required for members of UC ANR)

UC ANR members' travel costs will be partially supported by the IGIS Statewide Program.

Register: <http://ucanr.edu/survey/survey.cfm?surveynumber=17373>. Registration is limited to 25 participants, so please register early.

Contact: Sean Hogan, 530-750-1322, sdhogan@ucanr.edu

Further info: <http://igis.ucanr.edu/IGISTraining/UASRemoteSensingDREC/>