

Instructor: Luca Brillante Ph. D.

Asst. Professor and Bronco Chair for Viticulture Research

559.278.3940 | lucabrillante@csufresno.edu

Precision Viticulture Toolbox Development

Hands-on workshop

April 6-8, 2020

Instructor: Luca Brillante

This workshop will provide grape industry workers skills needed to understand the precision viticulture chain and get them ready to move vineyard management to the next level. The workshop will make heavy use of open-source software that will be installed on laptops of attendees. The course will train participants on: fundamentals of Geographical Information Systems; creating and working with vector and raster data; effective use of freely available governmental resources (e.g. USGS and NASA) for spatial vineyard management; pre-processing and analyzing satellite images to develop vegetation indexes (NDVI etc.); fundamentals of geostatistics and interpolation for mapping purposes; creating management zones for variable rate management and applications in the field. Participants will also be exposed to relevant new technologies currently offered by commercial vendors. A questionnaire will be provided to the participants after enrollment to further tailor the content to their specific expectations and needs. Time will be dedicated for one-on-one instruction on specific subjects.

For more information and for registrations please visit:

<https://conta.cc/3b1lqvB>

Viticulture & Enology

California State University, Fresno •

2360 E. Barstow MS VR89 • Fresno, California 93740-8003

P 559.278.2089 **F** 559.278.4795 www.fresnostate.edu/jcast/ve