

A Practical Workshop on Current and Potential Uses

REGISTER TODAY!

**July 14th 2010,
UC Davis, Davis CA**

Despite significant soil and crop variability in California's agricultural fields, Site-Specific Management (SSM) has not been commonly used by the local industry. Many people are unfamiliar with geotechnologies and the principles of SSM which has limited widespread adoption of this valuable tool.

Workshop Goal

Present and discuss SSM concepts and applied research in order to provide the audience with a comprehensive understanding of how to identify and manage within-field variability to improve crop management.

Target Audience

Soils and crop management professionals, including UCCE Farm Advisors and Specialists, Pest Control Advisers, Certified Crop Advisers, and others having an interest in improving their knowledge of SSM techniques.

Location/Time

UC Davis campus – Conference Center
July 14th 2010 (day before Weed Day), from 8am to 5:00pm
PCA and CCA credits pending

Program

8 to 8:30 AM – Registration

Session I (8:30 AM to Noon) - **Theory of SSM: Overview of concepts and techniques used to identify and manage within-field variability**, Jose P. Molin, Biosystems Engineering, University of Sao Paulo, Brazil. Integrating geospatial technology with agronomic practices, GPS/GIS overview, methods for detecting soil and crop variability, use of sensors and yield monitors, creation of maps and variable rate input recommendations.

Noon to 1:00 PM – Lunch break

Session II (1:00 to 5:00 PM) - **Applied research findings and examples illustrating the practical benefits of this technology**

- *Use of Precision Agriculture in the West* - Rob Mikkelsen, Director, Western North America IPNI
- *Site-specific methods for reclaiming salt-affected soil using electrical conductivity; and Use of Remote sensing on cotton fields for irrigation management, planning defoliation and its relationship with cotton growth and yield.* Richard E. Plant, Department of Plant Sciences, UC Davis
- *Site-specific nutrient management in California orchards - identifying almond yield and fertility variability and its implication on fertility management.* Patrick Brown, Department of Plant Sciences, UC Davis

3:00 to 3:15 PM – Break

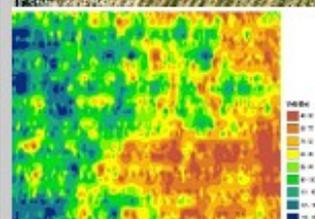
- *Site-specific herbicide applications based on weed maps provide effective control.* Tom Lanini, Department of Plant Sciences, UC Davis
- *Site-specific management at Bowles Farming Company* – Cannon Michael, Vice President Bowles Farming Company
- *Knowledge Acquired, Intelligence Applied: Tomorrow's Technology for Today's Crops* - Jason Ellsworth, Regional Technology Specialist, Wilbur-Ellis Company

5:00 PM – Adjourn

Please contact Andre Biscaro for details: asbiscaro@ucdavis.edu, 661-974-8825

Organized by University of California Cooperative Extension:

Andre Biscaro, Stu Pettygrove, Steve Orloff, Tom Lanini, Doug Munier, Jerry Schmierer and Kris Lynn-Patterson.



Precision Agriculture in California

A Practical Workshop on Current and Potential Uses

REGISTER TODAY!

July 14, 2010
The Conference Center
UC Davis, Davis CA

Online registration is available at:

<http://ucce.ucdavis.edu/survey/survey.cfm?surveynumber=4929>

Registration:

\$50 - early bird fee if payment is received on or before June 30, 2010.

\$65 if payment is received after June 30th, 2010.

\$15 (student fee--must show valid student ID @ check in)

Name(s) _____
 Title(s) _____
 Organization _____
 Address _____
 City _____ State _____ Country _____ Zip _____
 Email _____ Phone (_____) _____

Mail registration to: Janelle Kohl, ANR Program Support Unit, Ag Field Station Building, 1 Shields Avenue, University of California, Davis, CA 95616

Enclosed is my registration fee **payable to the UC Regents**

Lunch choice: vegetarian non-vegetarian

Please contact Andre Biscaro for details: asbiscaro@ucdavis.edu, 661-974-8825

For registration contact: Janelle Kohl: jmkohl@ucdavis.edu, 530-752-6996

Sponsorships are welcome.

Organized by University of California Cooperative Extension:

Andre Biscaro, Stu Pettygrove, Steve Orloff, Tom Lanini, Doug Munier, Jerry Schmierer and Kris Lynn-Patterson.

