



II Seminario de instrumentación y métodos *II Seminar on instrumentation and methods*

Measuring:

- Soil water suction (potential)
- Water Retention Curve
- Unsaturated Hydraulic Conductivity



PROGRAM

Barcelona, 17 November 2009

Edificio D2 · Seminario 212 - Campus Nord - Universidad Politécnica de Catalunya - Barcelona

Time	Topic
9:00 – 9:30	Presentation
9:30 – 10:00	Field and laboratory instruments for measuring soil water potential. <i>Dr. F. Ferrer</i>
10:00 – 13:30 (coffee break included)	MEASURING SOIL WATER SUCTION (POTENTIAL) On-hands laboratory exercise and data interpretation <i>Dipl. Ing. T. Keller, Dr. C. Rubio, Dr. F. Ferrer, Dr F. Fonseca, Dipl Manel Domene</i> <ul style="list-style-type: none">• Tensiometer (0 to -85 kPa): example with T5 tensiometers (www.ums-muc.de)• Dielectric water potential sensor (-10 to -500 kPa): example with MPS-1 and EC-5 sensors (www.decagon.com)• Dew Point meter: (-1MPa to -300 MPa): example with WP4 dewpoint meter (www.decagon.com)
13.30 – 15:30	Lunch break
15:30 – 18:00 (coffee break included)	Hyprop: laboratory evaporation method for the determination of pF-curves and unsaturated hydraulic conductivity <ul style="list-style-type: none">– Principles of the method. <i>Dr. C. Rubio</i>– On-hands exercise with Hyprop. <i>Dipl. Ing. T. Keller, Dr Carles Rubio</i>– Data analysis and WRC estimations. <i>Dr. C. Rubio</i>
18:00	Closure



Price: *Free of charge for people registered at the ZNS09 meeting*

Information and subscriptions: ZNS09

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