



“Monitoring changes in water and carbon fluxes from remote and proximal sensing in a Mediterranean dehesa ecosystem”

*Workshop
CCHS-CSIC Madrid, February 26-27 2015
Room: Manuel de Terán (3F8)*

Day 1

8:45 Arrival and refreshments

9:15 – 9:30 Welcome and introductions (Pilar Martín-CCHS-CSIC)

9:30 - 10:00 Fluxpec: project overview and current status (Pilar Martín-CCHS-CSIC)

10:00 - 10:30 Las Majadas EC site (Arnaud Carrara-CEAM)

10:30 – 11:00 MPI activities in Las Majadas site (Mirco Migliavaca-MPI)

11:00 – 11:30 Coffee break

11:30 – 12:10 The dehesa ecosystem: biological basis of understory and overstory production. (Gerardo Moreno-UJEX)

12:10 – 12:50 The unattended multi-angular AMSPEC-MED system: Modeling BRDF from “inside” the pixel. (Javier Pacheco-Labrador-CCHS-CSIC)

13:00 – 13:30 Vegetation and soil water content estimation in a Mediterranean tree-grass ecosystem using proximal and remote sensing (Gorka Mendiguren-GEUS)

13.30 Lunch

15:20 – 16:00 Assess potential of Landsat as a source of Land Surface Temperature (LST) for characterization and modeling of land surface conditions in tree-grass ecosystems (Fernando Pérez-Lidia Vlassova-UZA)

16:00 – 16:40 Using multiangular and multitemporal thermal information to estimate water fluxes (Hector Nieto IAS-CSIC)

16:40 – 17:00 Coffee break

17:00 – 17:40 Estimation of water-related biochemical and biophysical vegetation properties using multitemporal airborne and satellite data (David Riaño-CSIC/UCDAVIS)

17:40 – 18:20 TLS for the estimation of gap fraction and clumping index: a multitemporal analysis (John Gajardo- UTALCA)

18:30 End of meeting

20:00 Social dinner

Day 2

9:00 – 9:40 Modelling carbon fluxes in a tree-grass ecosystem using airborne hyperspectral sensors. Spatio-temporal analysis. (Javier Pacheco-Labrador-CCHS-CSIC)

9:40 – 10:20 Corouche site: description, data acquisition and RS modelling activities (Sofia Cerasoli- ISA)

10:20 – 11:00 LSA-SAF project activities, new products based on Sentinel 2 and 3 data. Hymex project. Connections with Fluxpec: validation of RS products (Jean Louis Roujean – Meteo-France/CNMR)

11:00 – 11:30 *Coffee break*

11:30- 12:00 Fluxpec: forthcoming activities (Pilar Martín-CCHS-CSIC)

12:00 – 13:30 Open discussion. Recommendations, planning future activities and collaborations

13.30 *Lunch*