

Land surface Interactions with the Atmosphere over the Iberian Semi-arid Environment



What: LIAISE WG1 meeting

When: 24 Nov 2022 at 16:00 (CET)

Duration: ~1 hour

Platform: *BlueJeans*: the link was provided to attendees by mail on Nov. 9, 2022

Program:

- 16:00-16:05 Opening
- 16:05 - Mary-Rose Mangan: Update on Unified Eddy Covariance Fluxes and Flux Maps
- 16:10 – Bastian Siegmann and Uwe Rascher: SIF measurements across spatial scales
- 16:30 – Yves Goulas, Gabriel Hmimina, Valerie Dantec: Active and passive fluorescence measurements at La Cendrosa
- 16:45 – Discussion on inter-comparisons measurement techniques (ET,...)
- 17:00 - Closure

Overview:

The theme will be “**Chlorophyll Fluorescence measurements**”. Fluorescence or re-emission of light by plants can serve as a proxy of vegetation photosynthesis and transpiration. The great potential of the technique is that it can be remotely sensed from space. During LIAISE, passive (sun induced fluorescence or SIF) and active measurements (LIF) were performed locally at La Cendrosa. In addition SIF measurements were performed from drones, aircraft and space. All these techniques and scales will be brought together in two talks by LIAISE participants from Forschungszentrum Jülich and LMD/CESBIO.