

# LIAISE Working Group Kickoff meeting

## Dec 9, 2021



Link:

<https://bluejeans.com/361755520/1017>

Time: 14-17 UTC

Note: this first meeting is a joint WG meeting.

### Welcome

1 14:00: Objectives of WGs, functioning and short introduction of leaders, A. Boone

### WG1 Surface processes chaired by O. Hartogensis and M. R. Mangan

2 14:10 Field Campaign surface fluxes, atmospheric profile overview, O. Hartogensis

3 14:15 Flux-profile relationships and mesoscale circulations, B. Marti

4 14:20 Regional mapping of solar-induced fluorescence (SIF) and surface reflectance with the airborne spectrometer HyPlant, U. Rascher

5 14:25 Measuring reflectance and diurnal dynamics of SIF on the ground and from UAVs, B. Siegmann

6 14:30 Retrieval of surface soil moisture and irrigation events with GLORI and Sentinel-1, M. Le Page

7 14:35 Evapotranspiration of an irrigated vineyard, M. Le Page

8 14:40 Preliminary SLAP soil moisture imagery, E. Kim

### WG2 Meteorology chaired by J. Brooke and B. Marti

9 14:45 Scanning lidars investigation of atmosphere characteristics in semi-arid region, F. Gilbert

10 14:50 Dry & irrigated contrasts in the morning transition, J. Brooke

11 14:55 Impact of the surface strong heterogeneity on boundary layer dynamics, M. Lothon & G. Canut

12 15:00 Separating Local & Non-Local Controls of Evaporation with a Column Model, M. R. Mangan

### **BREAK (15-20 min)**

### **WG3 Hydrology** chaired by M. Best

13 15:25 Simulation of the actual hydrological cycle of the Ebro basin with a LSM based model, P. Quintana

14 15:30 4DMED-Hydrology and LIAISE campaign, C. Massari

15 15:35 Demonstrating the impact of modelling coupled irrigation over the Iberian semi-arid environment, H. Rumbold

16 15:40 Irrigation impact on precipitation in WRF simulations during LIAISE campaign, M. Udina

17 15:45 Observations of precipitation profiles and microphysical analysis during LIAISE, J. Bech

### **Community experiments**

18 15:50 Community experiments based around LIAISE data, M. Best

### **LIAISE Data Base**

19 15:55 Status Update, A. Boone

### **Discussion** (30-60 minutes)