

Land surface Interactions with the Atmosphere over the Iberian Semi-arid Environment (LIAISE) : First WG Meeting

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Working Groups

- **Objective:** Three LIAISE Working Groups were established after the field campaign in November, 2021. The goal of these groups is to provide a forum for exchanges on research advances within LIAISE.
- **Structure:** Two co-chairs for each WG, one junior and one senior, to lead and organize each WG and each WG meeting
- **Composition:** These working groups would be made up of participants across all the partners and at all levels (PhD, post-doc, PI).
- **Priorities:** WGs should consist of connected people across institutes who have a common interest in part of the campaign (incorporating observations and models)
→ scientists are collaborating and not working in isolation.
- **Meeting frequency:** Monthly WG meeting centered on the activities of one of the three themes. The meeting will be led by the co-chairs with results and discussions centered on that particular WG progress, issues, etc.

See → <https://www.hymex.fr/liaise/wg.html> for regular updates and links to presentations

Working Group Leaders:

WG 1 : Surface processes

Lead: Oscar Hartogensis, Co-chair: Mary-Rose Mangan

Water, energy and carbon balances and related processes in the interaction between the surface and the atmosphere (**ET as key process that integrates all 3 balances**). →

Processes from leaf to field to landscape scale



WG 2: Meteorology

Lead: Jennifer Brooke, Co-chair: Belén Martí López

ABL processes, mesoscale circulations related to wet-dry, topography, sea breeze interaction, and fire interactions with the atmosphere

Multi-model
Intercomparison
Project

WG 3: Regional hydrology

Lead: Martin Best, Jan Polcher, Co-chair: TBD

Irrigation and stream-flow/discharge, reservoirs (and their regulation), regional scale estimates of surface properties related to soil water

Today's Meeting

- Joint WG meeting
- Short talks for each session: science question, objectives, methods (perspectives) → hold questions for Discussion Session → use the chat
- Update on the LIAISE-DB hosted by AERIS
- Discussion Session