WG1 Scaling Hackathon
(@Javier Pachecho-Labrador and Gerbrand Koren)

- The **community** will be **challenged** to **down-scale biophysical and physiological** significant variables **from remote reflectance factors and chlorophyll sun-induced fluorescence** and a set of field measurements.

- Down-scaling models and predicted variables at scene scale will be evaluated against the full maps used in the simulations, not known by the participants.

- **Retrieval uncertainties**, **scaling methods** and **lessons learnt** regarding field data and metadata will be considered for the publication of the results.

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Virtual Mobility Grant: "Preparation of the WG1 Scaling Challenge"

Work done so far:

- Obtained empirical data from literature for soil, leaf and canopy parameters for wheat and corn.

Ongoing work:

- Derive equations from the selected data sets for use in SCOPE
- Perform SCOPE simulations
- Prepare tools and documentation for easy access of data
- Prepare questionnaire for participants of Scaling Challenge

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