

- I. Forthcoming possible experiments (to be launched for the interested JECAM network members):
  1. JECAM sites for NISAR & ALOS-4 missions cal./val for crop products
  2. JECAM Yield study on in situ yield sampling to support guidelines for field observation protocol (data from harvesters to be collected)
  3. JECAM Yield experiment for estimate methods at admin. level
  4. JECAM Automated field boundaries delineation

## II. Possible opportunities

- Innovative model-based approach for C- and water-budget to be extended to more JECAM sites ? Run models (various) over more sites but require additional in situ information, incl agro-met, soil, management practices, others.
- Closer collaboration with agriculture statistical offices for developing potential synergies in situ data collection, sampling stratification, ...  
=> towards a more significant EO contribution to ag. stats.

## III. Responses to GEOGLAM

- Best practices documents – high level documents that describe the art and the science around the topic, eg crop identification etc, tool agnostic, pointing to handbooks and existing tools to practically apply it – central point of KMS and a gateway for people interested in doing operational monitoring to move forward:
  - should be built on existing documents like Agriculture Ontology (CIAT), FAO Handbook, etc, but in a more synthetic and user oriented way.
  - To be designed as on-line document with links rather than paper documents
  - Should include operational examples to illustrate
  - Student crew campaign from Demmin site.
  - Manual on how to use UAV data.
- Essential Agriculture Variables :
  - Should make the differences between research (method devpt) and operational EAVs (how do we identify gaps – fluorescence, PRI, ...?)