



LPV sub-group GEO task DA-06-02

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Harmonization in quality information & CAL/VAL Methodology and guidelines

- Definitions
 - Products: official definitions and departures!
 - **LAI**
 - **fAPAR**
 - **Albedo**
 - **fCover**
 - Chlorophyll
 - Legends for land cover
 - ...
 - Projection systems: need some better consensus (fusion/validation)
 - PSF/MTF: needs quantification for products (not only low level ones)
- Display on CAL/VAL portal the definitions
- Description of generic methods for:
 - Direct validation: ground measurements, upscaling process, reporting, accessibility
 - Intercomparison:
 - same sampling (spatial/temporal)
 - similar expected outputs (temporal consistency, scatter plots, distribution of values per biome type ...)

Satellite and in situ data access

- Find a place in the cal-val portal to put links to satellite and in situ data used for validation
- Define rules to 'accept' new data in the system
- Solve proprietary rights for some images/data
- Propose an 'on line' validation exercise within CAL/VAL portal based on already existing codes/data available

CALVAL sites (for medium resolution)

- Distinguish between 'direct' and 'intercomparison' sites
- 'Direct' sites
 - No necessity for high spatial homogeneity (non linearity as a function of heterogeneity), but homogeneity at medium resolution (geometrical accuracy, PSF)
 - Flat site
 - Element of an ensemble to sample different vegetation types and conditions
 - Currently about 100 sites identified, but only a fraction with accessible information... List under compilation
- 'Intercomparison' sites
 - Homogeneity at medium spatial resolution
 - Flat site
 - Sampling all conditions (BELMANIP accessible at LPV web site, but must be revised)