

The ASCAT tandem operation scenario and its implications on soil moisture retrievals

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ASCAT tandem operation

- MetOp-A and B launched in same orbit
- Separated by appr. 48 min.s
 - MetOp-A behind B with respect to UTC

Spatial Coverage

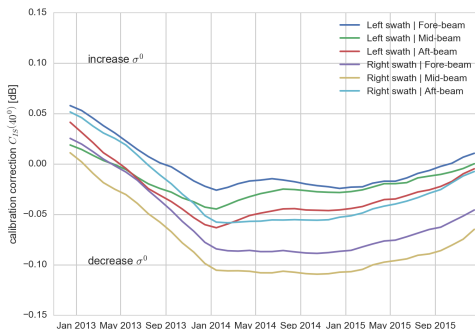
Temporal Observation Separation

Soil Moisture Retrieval

Flowchart of current approach Flowchart of future approach

ASCAT-B Level 1b calibration status

■ Inter-calibration with respect to ASCAT-A



Impact on Model Parameter

Soil Moisture Validation In-situ

Soil Moisture Validation ERA-interim

Conclusion