



## 2 years of PARASOL Clouds products

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Since Dec. 2004, the CNES Parasol (Polarization and Anisotropy of Reflectances for Atmospheric Science coupled with Observations from a Lidar) mission has been flying in the A-train with Aqua and Aura (NASA), further completed in 2006 by Calipso (NASA/CNES) and CloudSat (NASA/CSA).

2 years of data have been routinely acquired and processed by the Polder-Parasol ground segment (CNES) and by ICARE data center in Lille.

Parasol unique directional and polarization capabilities provide new insight to the cloud inversion scheme, building upon a powerful tool for water/ice discrimination and experience gained from previous POLDER missions.

Climatologies of Parasol cloud parameters will be shown and discussed.

Synergy of Parasol measurements with MODIS will be highlighted through first combined products.