



The World Data Center
for Remote Sensing of the Atmosphere
WDC-RSAT

„One stop shop“
for satellite aerosol products WDC-RSAT

http://wdc.dlr.de/data_products/AEROSOLS

Thomas Holzer-Popp, DLR

➤ with input from Kathrin Höppner and Severine Bernonville



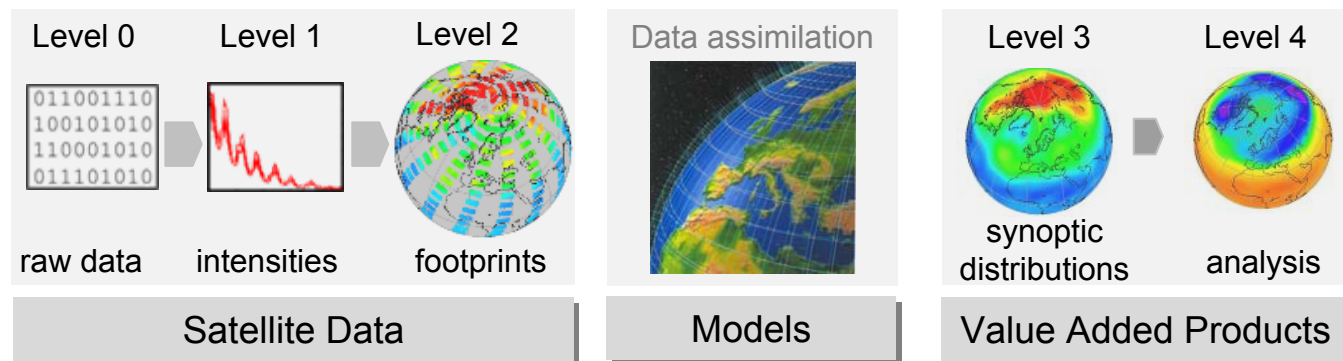
Deutsches Zentrum
für Luft- und Raumfahrt e.V.
in der Helmholtz-Gemeinschaft



wdc
for remote sensing
of the atmosphere

WDC-RSAT mission: data, info & services

- provides a portal for free and simplified access to atmosphere related satellite based data, information products and services
- provide permanent Digital Object Identifiers (DOI) for data reference (WDC-RSAT mandated as Data Publication Agent) → EU-INSPIRE
- **links communities**
 - ICSU WDC including support to GMES and GEOSS
 - WMO-GAW WDC
 - CEOS AC Portal
- acts on metadata, WIS compatibility, interoperability, OGC services
- **addresses all evolution levels** of the value adding chain





OSS principles

- **focus on operational (aerosol) products (beyond case studies)**
- **at minimum continental coverage for at least one year available online**
- **documentation on algorithm, product and validation status available**
- **the instrument or algorithm PI or a collaborator agree to support this OSS**
- **collaborate with other data centers (ICARE, GIOVANNI) on tools and metadata**

→ **status September 2010:**

19 product templates are included and maintained
2 more products soon incl. MSG-SEVIRI

→ **one stop shop**

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