improving ...
climatologies

S Kinne

MPI-Met

current activities

- **understanding the quality of usefulness of aerosol satellite retrievals**
  - **evaluations to the AERONET reference (score)**
  - **inter-comparisons among different products**
  - **comparisons to global modeling (i.e. AeroCom)**

- **improve the realism of an aerosol climatology for simplified applications**
  - **replace model estimates with 'data', whenever possible (CALIPSO) and consistent (AOD-SSA)**

AeroSAT collaboration

- **keep contact to the different data groups**
  - *understand strength and limitations for data quality, parameters and coverage*

- **provide feedback to the data-groups**
  - *from comparative analysis*

- **encourage new activities (data-user perspect)**
  - *address aerosol-hydro_cycle processes*
  - *local uncertainty est. to gridded products*
  - *near-real time capabilities*