

ACTRIS-D National Facilities

Beobachtungsstationen

Beiträge zu den Beobachtungsstationen

Melpitz Research Station (TROPOS)

Major upgrade: Aerosol, clouds and reactive trace gases

Schmücke Observatory (TROPOS)

Major upgrade: Aerosol and clouds

Jülich Observatory for Cloud Evolution (UoC)

Major upgrade: Aerosol and clouds

Taunus Observatory (GUF)

Major upgrade: Aerosol

München/Garching/Maisach (LMU)

Major upgrade: Aerosol and clouds

Meteorological Observatory Lindenberg (DWD)

Upgrade: Clouds

Meteorological Observatory Hohenpeißenberg (DWD)

Upgrade: Aerosol and reactive trace gases

Garmisch-Partenkirchen/Zugspitze/Schneefernerhaus (KIT)

Upgrade: Aerosol, clouds and reactive trace gases

Cape Verde Atmospheric Observatory (TROPOS)

Major upgrade: Aerosol and clouds

Ny-Ålesund, Spitsbergen (AWI)

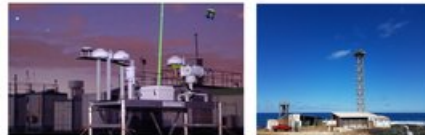
Upgrade: Aerosol, clouds and reactive trace gases

Other stations for reactive trace gases (UBRE)

Upgrade: Bremen, Paramaribo

Other stations for aerosol (TROPOS)

Existing: Dushanbe, Leipzig, Limassol (CRS planned)
and contributions to national and international networks



TROPOS



Simulationskammern

Beiträge zu den Simulationskammern

Leipzig Aerosol Cloud Interaction Simulator LACIS-T (TROPOS)

Upgrade

Atmospheric Chemistry Department Chamber ACD-C (TROPOS)

Upgrade

Atmosphere Simulation Chambers SAPHIR and SAPHIR-PLUS (FZJ)

Major upgrade

Aerosol Interaction and Dynamics in the Atmosphere AIDA and AIDA-2 (KIT)

Major upgrade

Quartz Glass Reactor QUAREC (BUW)

Upgrade



TROPOS



Mobile Stationen

Beiträge zu den mobilen Stationen

LACROS: Leipzig Aerosol and Cloud Remote Observations System (TROPOS)

Major upgrade: Aerosol and cloud remote sensing

Shipborne platforms OCEANET and Polarstern-2 (TROPOS)

Existing: Aerosol remote sensing OCEANET

Planned: Aerosol and cloud remote sensing for Polarstern-2

Mobile FTIR spectrometer (UBRE)

New: Reactive trace gases remote sensing

ACME: Aerosol from Groud to Cloud Mobile Experiment (TROPOS)

New: Aerosol and cloud in situ measurements

KLOCX: Karlsruhe Low-Cloud Exploratory Platform (KIT)

New: Cloud remote sensing and in situ measurements

Mobile VOC laboratory (UBA)

Planned: Reactive trace gases in situ measurements



TROPOS

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