



Field measurements

- Fresh dust, lidar (Tesche et al., 2009)
- Transported dust, lidar (Burton et al., 2015)
- Local dust, lidar (Burton et al., 2015)
- Transported dust, lidar (Groß et al., 2015)
- Transported dust, lidar (Haarig et al., 2017a)
- ☆ Fresh dust, AERONET (Müller et al., 2010)
- ◇ Dust, AERONET (Shin et al., 2018)
- - - Smoke, lidar (Burton et al., 2015)
- - - Smoke, lidar (Haarig et al., 2018)

Laboratory measurements

- ◇ Arizona test dust, lidar (Miffre et al., 2016)

Modeling

- Spherical particles
- Non-spherical particles
- ◇ Irregular particles (Gasteiger et al., 2011)
- ◇ Spheroids (Wiegner et al., 2009)