Diameters ≤ 20 μm
Non-Spherical
Bulk Dust
LW CRI by OPAC
LW scattering (23 %)

Kok et al. (2017)

Diameters >20 μm
Spherical
Bulk Dust
LW CRI, Biago
LW scattering (51 %)

Di Biagio et al. (2020)

Diameters ≤ 10 μm
Non-Spherical
Speciated Dust
LW CRI by Scanza
NO LW scattering

This study

Diameters ≤ 10 μm
Non-Spherical
Speciated Dust
LW CRI by Scanza
LW scattering (51 %)

This study

Multiple model range

Dust DRE at the TOA (W m⁻²)