

Modifications of solar radiative fluxes and atmospheric temperature due to intense dust episodes in the greater Mediterranean basin



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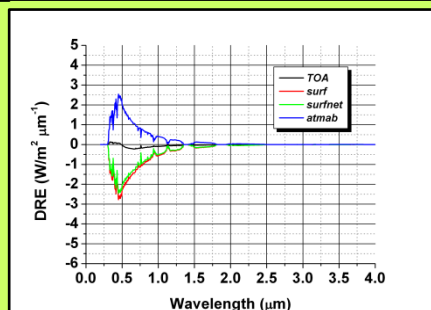
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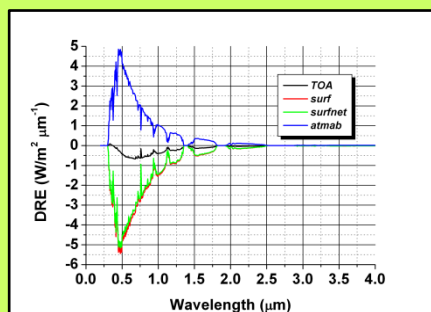
SW DREs are calculated for 57 DD episodes, under clear skies, using SBDART (Ricchiuzzi et al., 1998)

Spectral aerosol forcings

Land

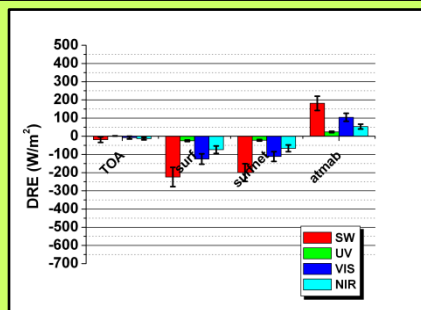


Sea

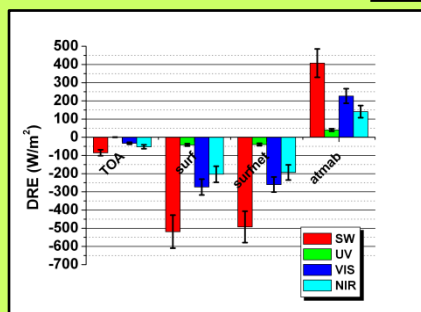


Total SW aerosol forcings

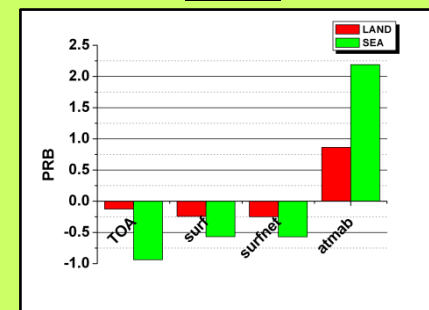
Land



Sea



PRB



Aerosol radiative efficiency (DRE/AOD)

