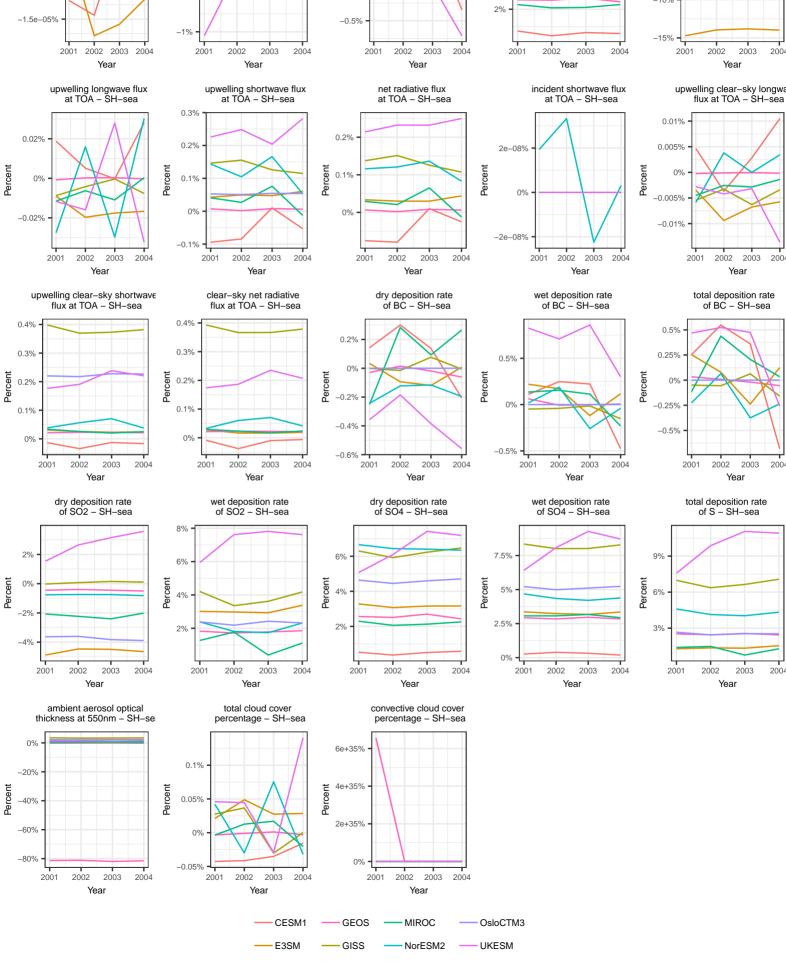
so2-at-height: percent difference surface flux of SO2 – SH–sea surface concentration of BC – SH–sea surface flux of BC – SH–sea surface concentration of SO4 – SH–sea surface concentration of SO2 – SH–sea 0.25% 6% 0% 1% Percent -5% Percent Percent -0.25% 0% 2% -0.5% 2003 2001 2002 2003 2004 2001 2002 2003 2001 2002 2003 2004 2001 2002 2003 Year Year Year Year upwelling shortwave flux at TOA – SH-sea net radiative flux at TOA – SH–sea upwelling clear-sky longway flux at TOA - SH-sea incident shortwave flux at TOA - SH-sea 0.3% 0.01% 0.2% 0.2% 0.005% 2e-08% Percent Percent 0.1% 0.1% 0% -0.005% 0% 0% -0.01% -2e-08% -0. 2004 2001 2003 2001 2002 2003 2001 2002 2003 2003 Year Year Year Year dry deposition rate of BC – SH–sea clear-sky net radiative wet deposition rate total deposition rate flux at TOA - SH-sea of BC - SH-sea of BC - SH-sea 0.4% 0.5% 0.2% 0.25% 0.5% 0% Percent 0.2% 0% -0.25% 0.1% -0.5% -0.5% -0.6% 2003 2001 2001 2003 2001 2003 2001 2002 2003 Year Year Year Year dry deposition rate of SO4 – SH-sea wet deposition rate of SO4 – SH-sea total deposition rate of S – SH–sea wet deposition rate of SO2 - SH-sea 8% 6% 9% Percent Percent Percent Percent 5% 6% 2.5% 2% 3% 0% 2004 2001 2002 2003 2004 2001 2002 2003 2004 2001 2002 2003 2004 2001 2002 2003 2004 Year Year Year total cloud cover convective cloud cover percentage - SH-sea percentage - SH-sea 6e+35% 0.1% 4e+35% Percent 0.05% 2e+35% 0%



Percent

-5e-06%

-1e-05%