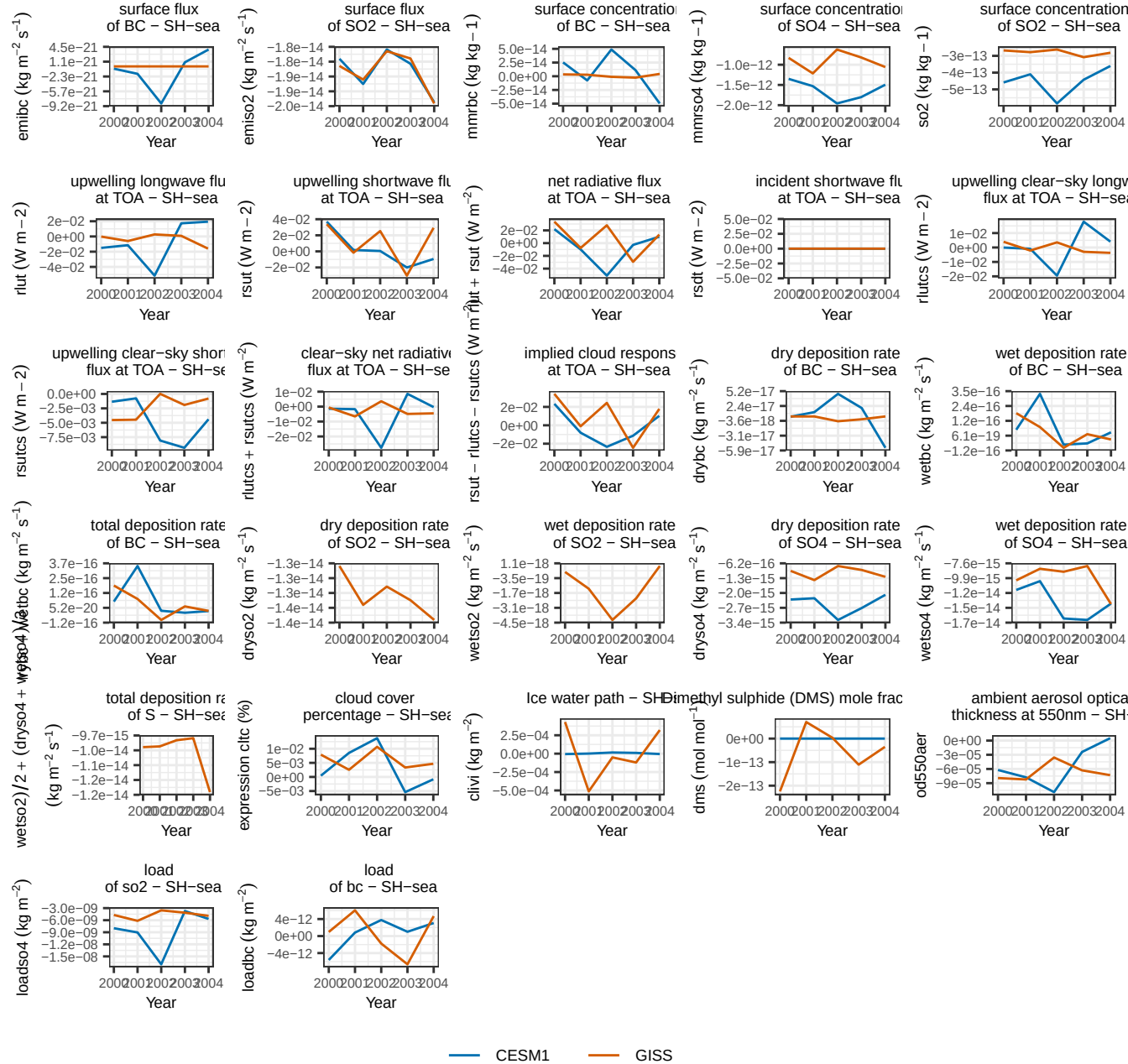
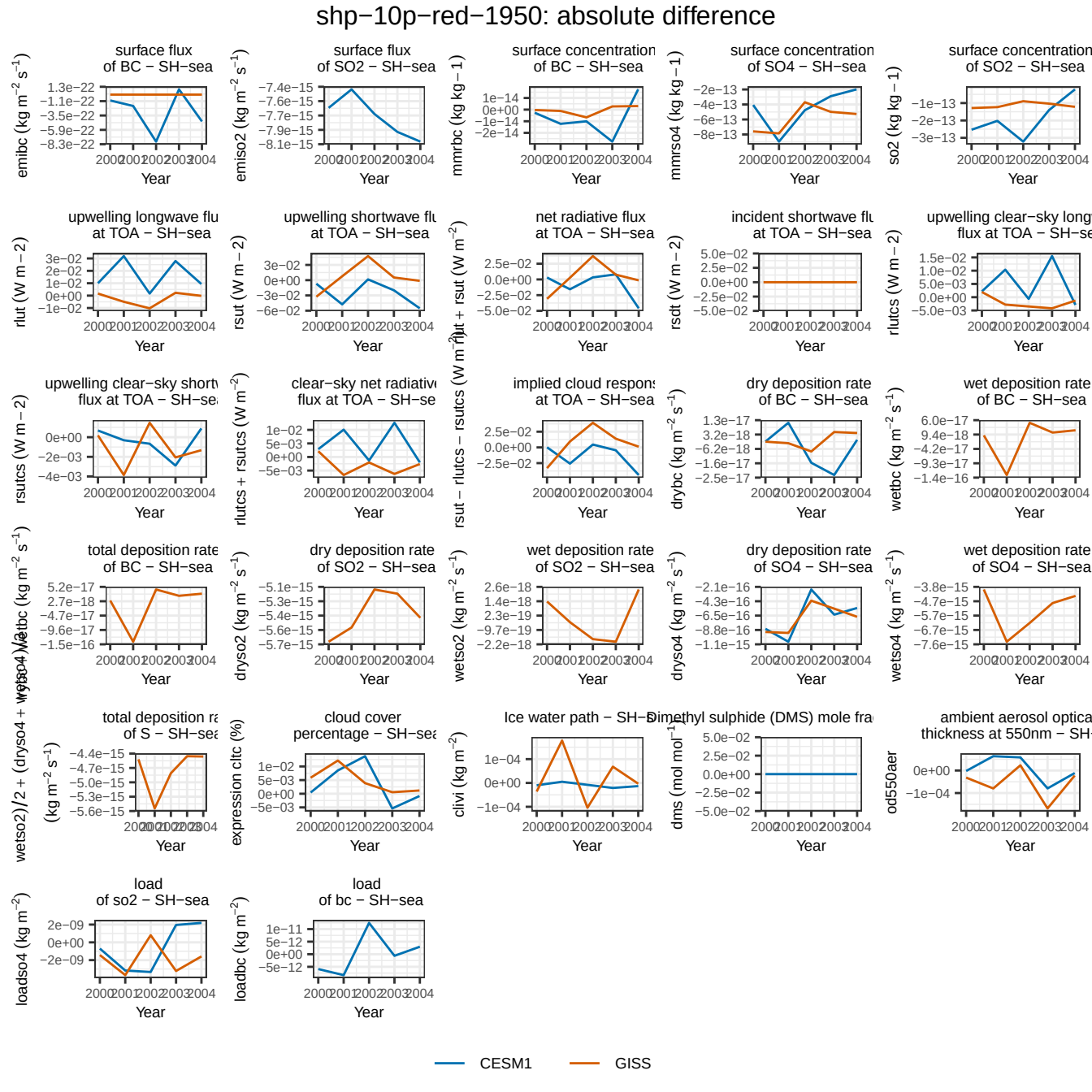
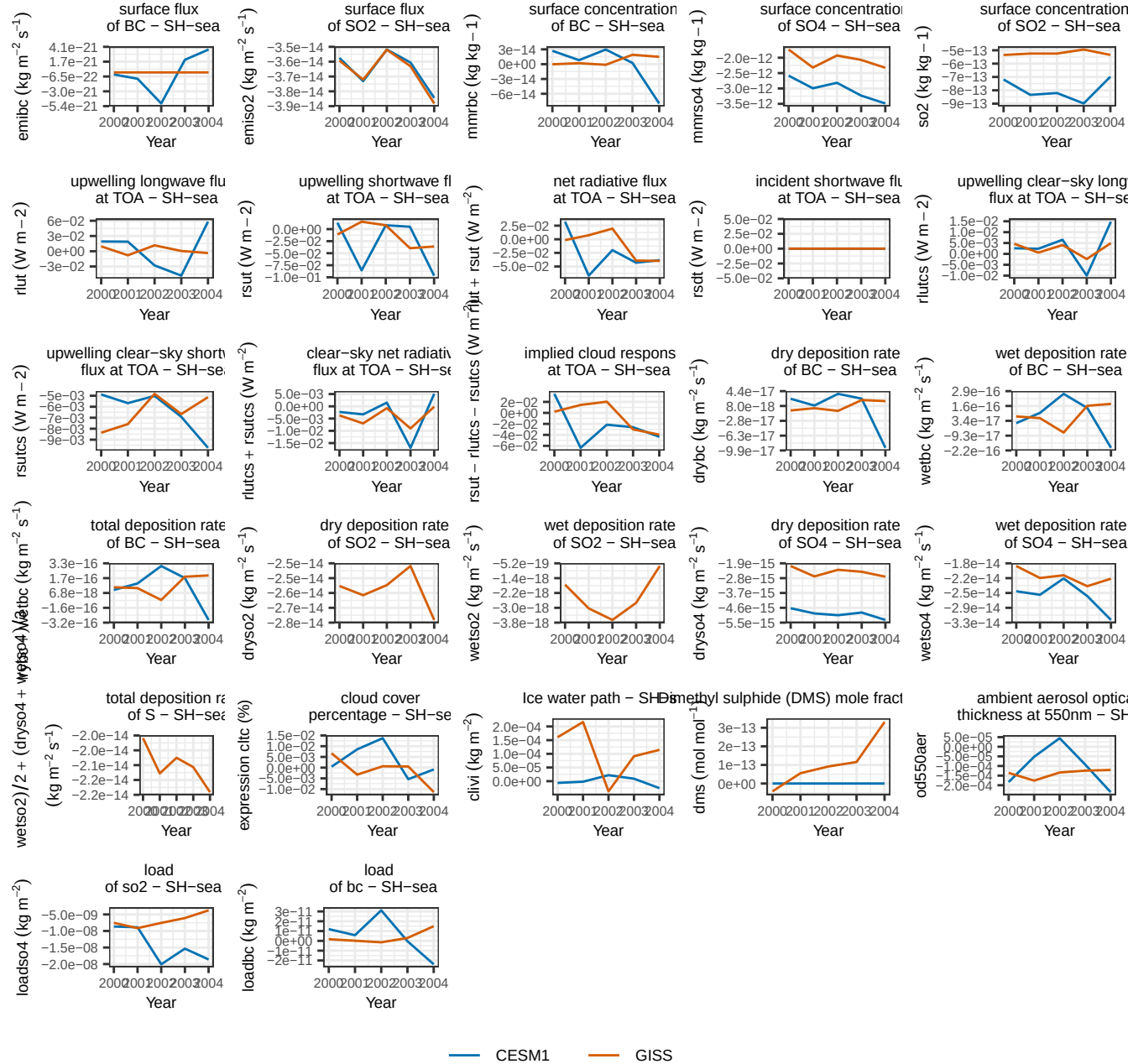
shp−10p−red: absolute difference

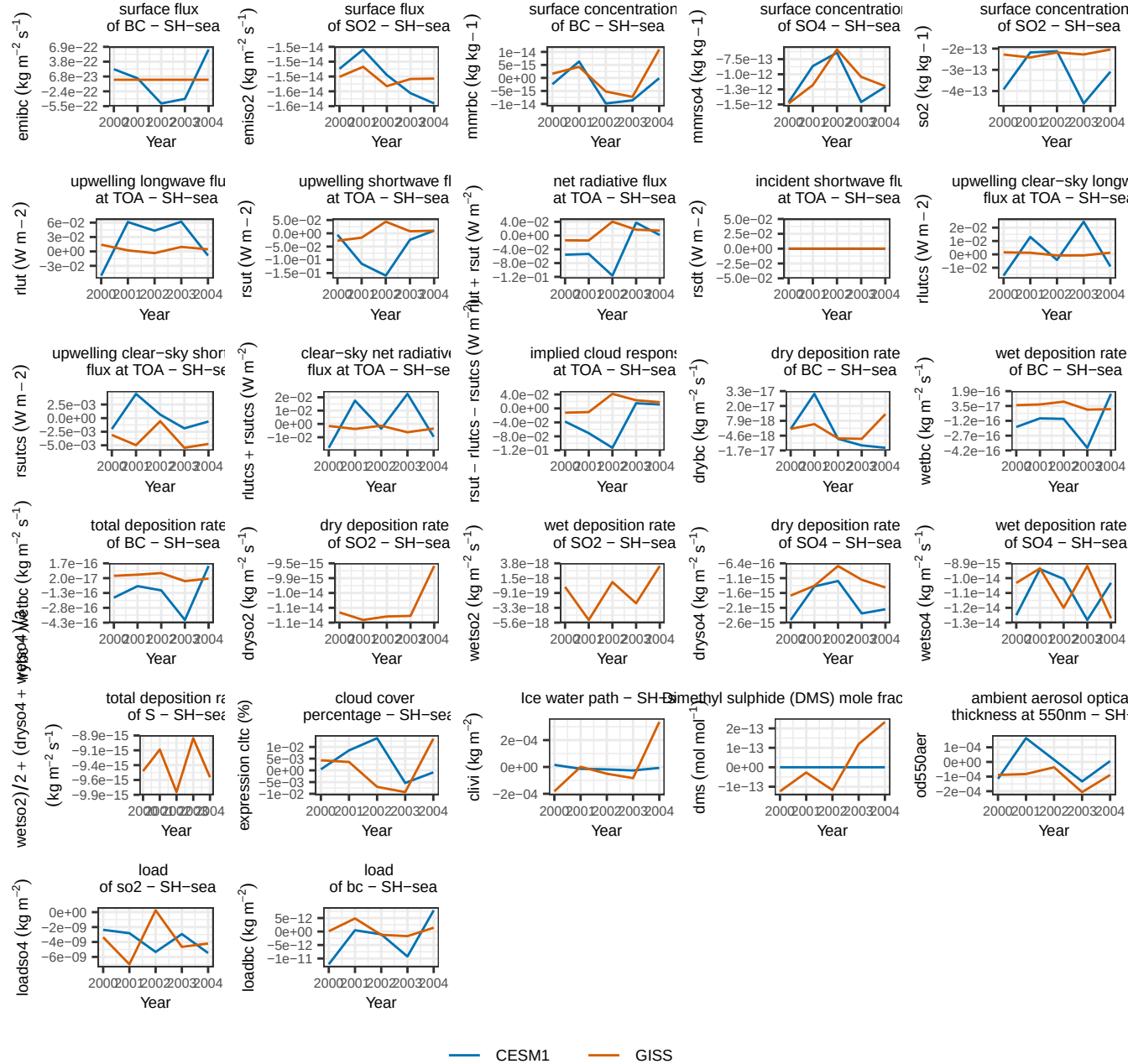


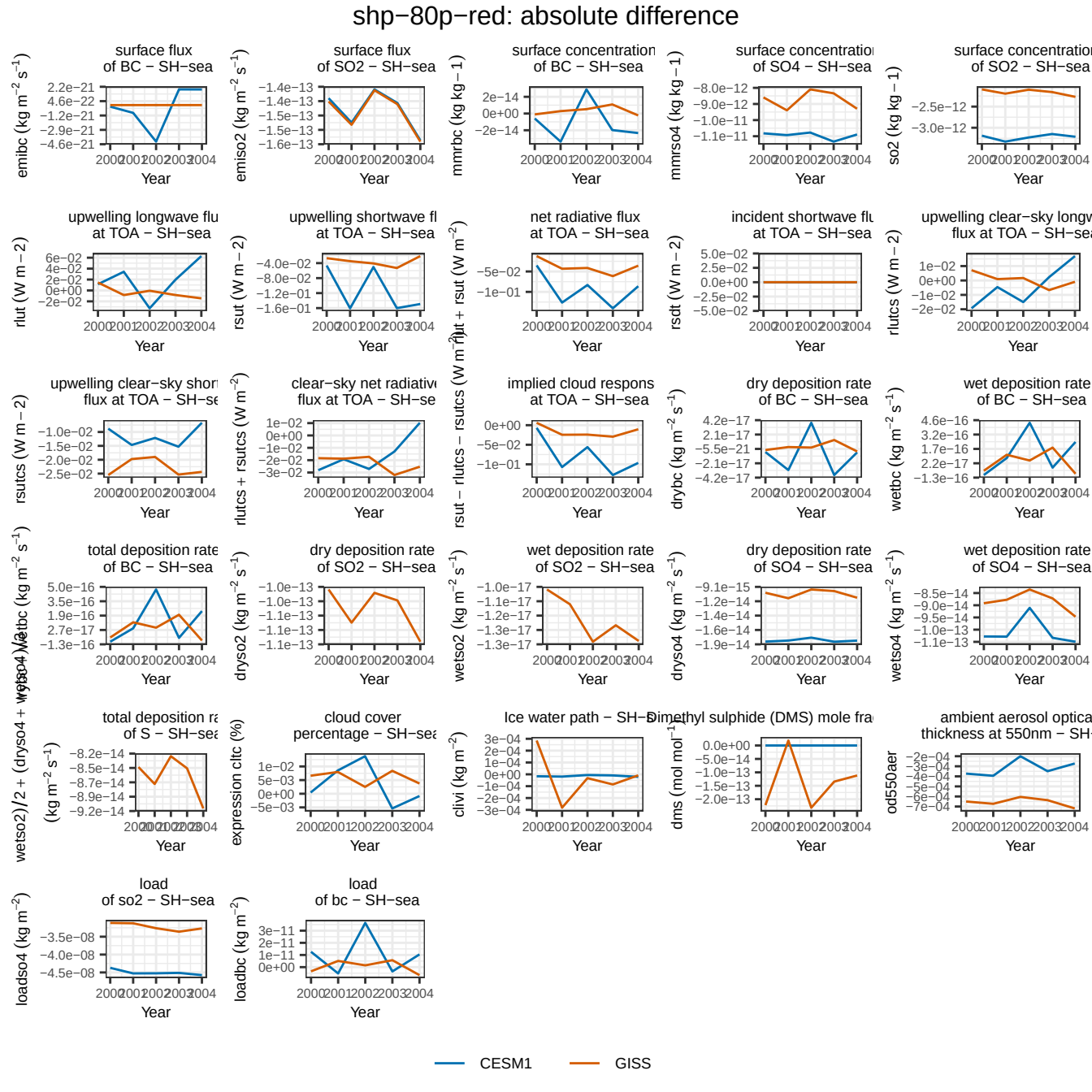

shp−10p−red−1950: absolute difference
surface flux of BC − SH−sea
surface flux of SO2 − SH−sea
surface concentration of BC − SH−sea
surface concentration of SO4 − SH−sea
surface concentration of SO2 − SH−sea
upwelling longwave flu at TOA − SH−sea
upwelling shortwave flu at TOA − SH−sea
net radiative flux at TOA − SH−sea
incident shortwave flu at TOA − SH−sea
upwelling clear−sky long flux at TOA − SH−se
upwelling clear−sky short flux at TOA − SH−se
clear−sky net radiativ flux at TOA − SH−se
implied cloud respons at TOA − SH−sea
dry deposition rate of BC − SH−sea
wet deposition rate of BC − SH−sea
total deposition rate of BC − SH−sea
dry deposition rate of SO2 − SH−sea
wet deposition rate of SO2 − SH−sea
dry deposition rate of SO4 − SH−sea
wet deposition rate of SO4 − SH−sea
total deposition ra of S − SH−sea
cloud cover percentage − SH−sea
Ice water path − SH−s
Dimethyl sulphide (DMS) mole fra
ambient aerosol optica thickness at 550nm − SH
load of so2 − SH−sea
load of bc − SH−sea
emibc (kg m−2 s−1)
emiso2 (kg m−2 s−1)
mmrbc (kg kg−1)
mmrso4 (kg kg−1)
so2 (kg kg−1)
rlut (W m−2)
rsut (W m−2)
rlut + rsut (W m−2)
rsdt (W m−2)
rlutcs (W m−2)
rsutcs (W m−2)
rlutcs + rsutcs (W m−2)
rsut − rlutcs − rsutcs (W m−2)
drybc (kg m−2 s−1)
wetbc (kg m−2 s−1)
wetbc (kg m−2 s−1)
dryso2 (kg m−2 s−1)
wetso2 (kg m−2 s−1)
dryso4 (kg m−2 s−1)
wetso4 (kg m−2 s−1)
wetso2)/2 + (dryso4 + wetso4)/3
(kg m−2 s−1)
expression cltc (%)
clivi (kg m−2)
dms (mol mol−1)
od550aer
loadso4 (kg m−2)
loadbc (kg m−2)
Year
CESM1
GISS

shp−20p−red: absolute difference

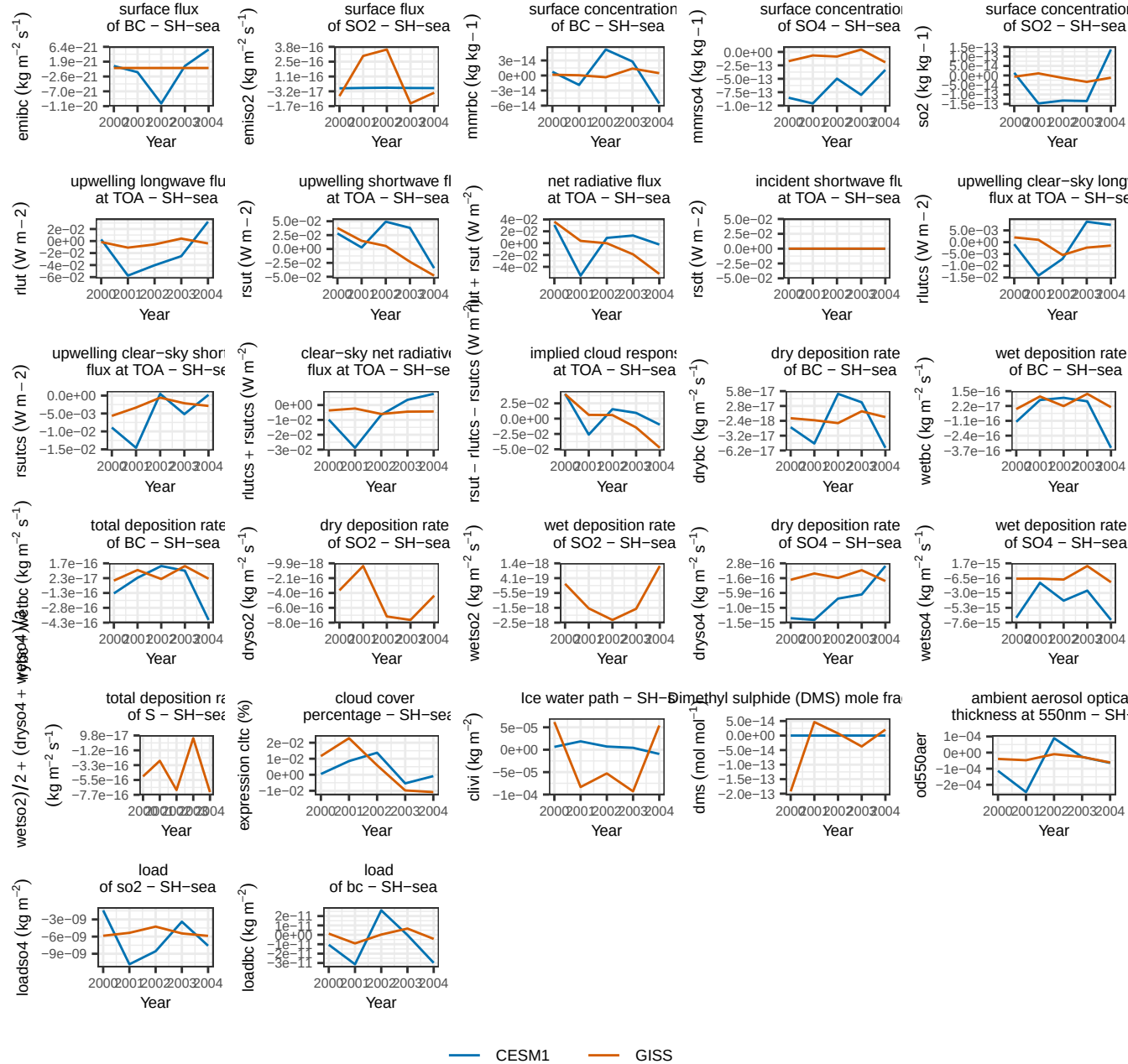


shp−20p−red−1950: absolute difference

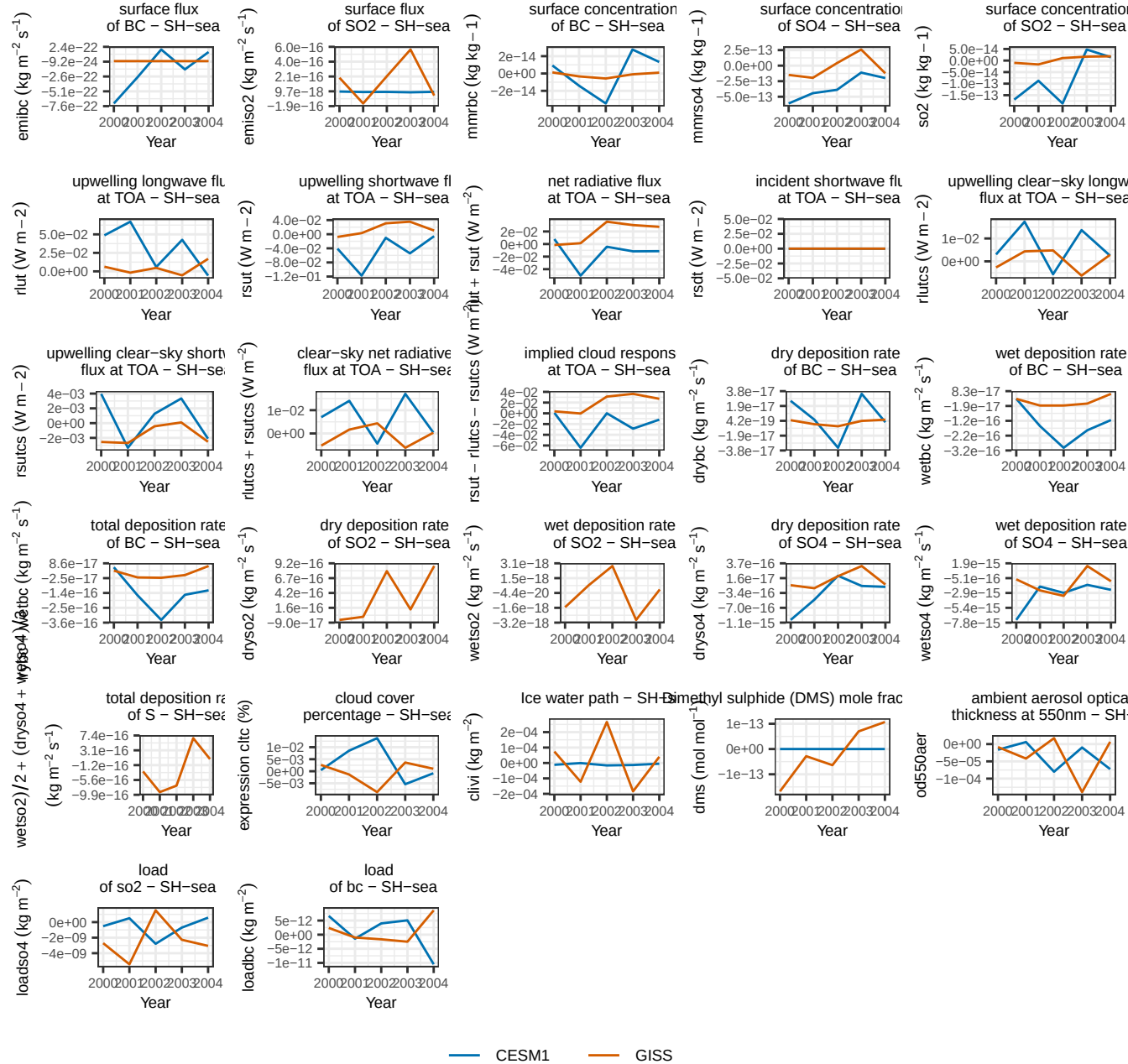


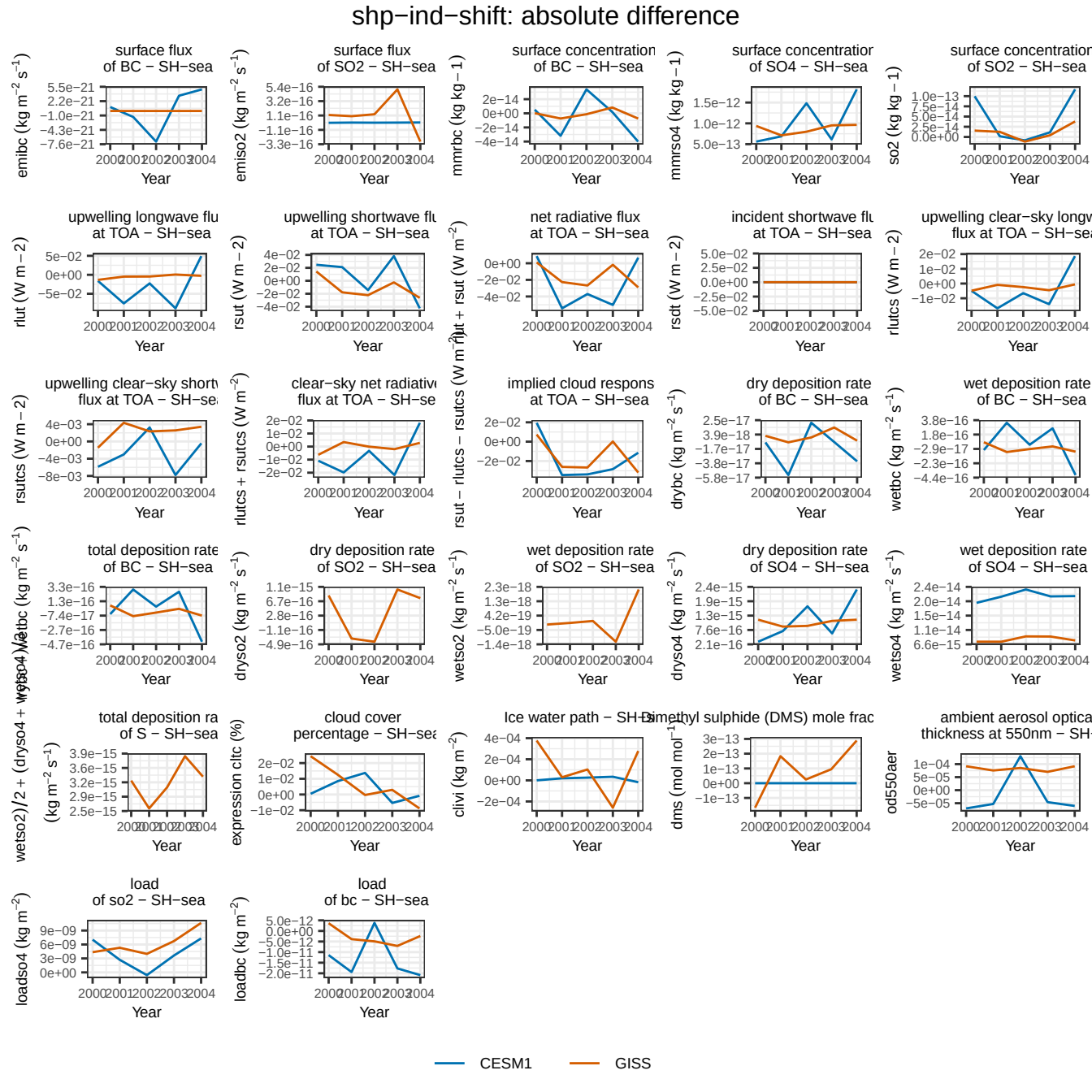
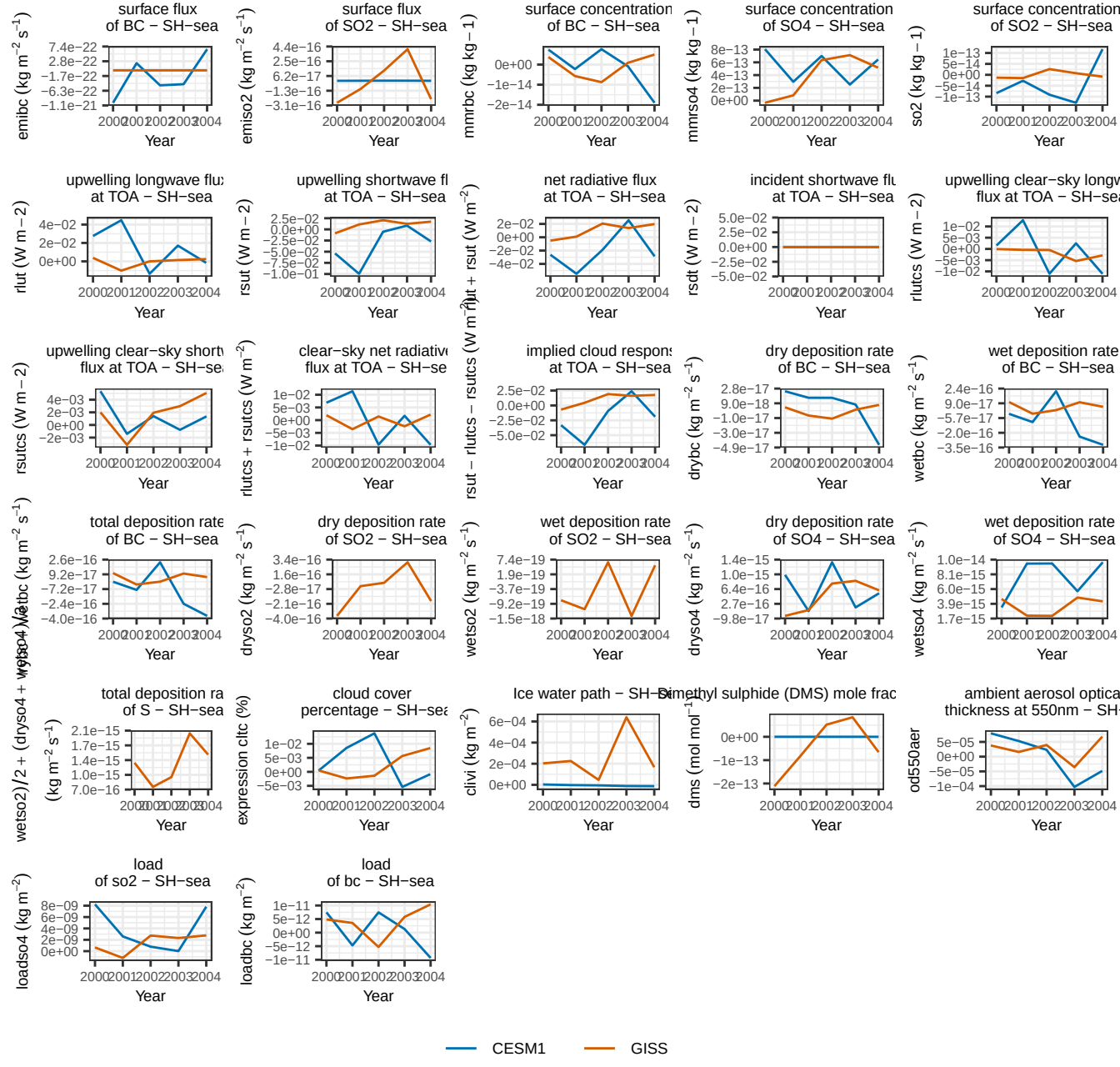

shp−80p−red: absolute difference
surface flux of BC − SH−sea
emibc (kg m−2 s−1)
surface flux of SO2 − SH−sea
emiso2 (kg m−2 s−1)
surface concentration of BC − SH−sea
mmrbc (kg kg−1)
surface concentration of SO4 − SH−sea
mmrso4 (kg kg−1)
surface concentration of SO2 − SH−sea
so2 (kg kg−1)
upwelling longwave flu at TOA − SH−sea
rlut (W m−2)
upwelling shortwave fl at TOA − SH−sea
rsut (W m−2)
net radiative flux at TOA − SH−sea
rsut + rsut (W m−2)
incident shortwave flu at TOA − SH−sea
rsdt (W m−2)
upwelling clear−sky longw flux at TOA − SH−sea
rlutcs (W m−2)
upwelling clear−sky short flux at TOA − SH−se
rsutcs (W m−2)
clear−sky net radiativ flux at TOA − SH−se
rlutcs + rsutcs (W m−2)
implied cloud respons at TOA − SH−sea
rsut − rlutcs − rsutcs (W m−2)
dry deposition rate of BC − SH−sea
drybc (kg m−2 s−1)
wet deposition rate of BC − SH−sea
wetbc (kg m−2 s−1)
total deposition rate of BC − SH−sea
wetbc (kg m−2 s−1)
dry deposition rate of SO2 − SH−sea
dryso2 (kg m−2 s−1)
wet deposition rate of SO2 − SH−sea
wetso2 (kg m−2 s−1)
dry deposition rate of SO4 − SH−sea
dryso4 (kg m−2 s−1)
wet deposition rate of SO4 − SH−sea
wetso4 (kg m−2 s−1)
total deposition ra of S − SH−sea
wetso2)/2 + (dryso4 + wetso4)/3 (kg m−2 s−1)
cloud cover percentage − SH−sea
expression cltc (%)
Ice water path − SH−
clivi (kg m−2)
Dimethyl sulphide (DMS) mole fra
dms (mol mol−1)
ambient aerosol optica thickness at 550nm − SH
od550aer
load of so2 − SH−sea
loadso4 (kg m−2)
load of bc − SH−sea
loadbc (kg m−2)
Year
CESM1
GISS

shp−atl−shift: absolute difference



shp−atl−shift−1950: absolute difference




shp−ind−shift: absolute difference
surface flux of BC − SH−sea
emibc (kg m−2 s−1)
surface flux of SO2 − SH−sea
emiso2 (kg m−2 s−1)
surface concentration of BC − SH−sea
mmrbc (kg kg−1)
surface concentration of SO4 − SH−sea
mmrso4 (kg kg−1)
surface concentration of SO2 − SH−sea
so2 (kg kg−1)
upwelling longwave flu at TOA − SH−sea
rlut (W m−2)
upwelling shortwave flu at TOA − SH−sea
rsut (W m−2)
net radiative flux at TOA − SH−sea
rsut + rlut (W m−2)
incident shortwave flu at TOA − SH−sea
rsdt (W m−2)
upwelling clear−sky longw flux at TOA − SH−sea
rlutcs (W m−2)
upwelling clear−sky short flux at TOA − SH−sea
rsutcs (W m−2)
clear−sky net radiativ flux at TOA − SH−se
rlutcs + rsutcs (W m−2)
implied cloud respons at TOA − SH−sea
rsut − rlutcs − rsutcs (W m−2)
dry deposition rate of BC − SH−sea
drybc (kg m−2 s−1)
wet deposition rate of BC − SH−sea
wetbc (kg m−2 s−1)
total deposition rate of BC − SH−sea
wetbc + drybc (kg m−2 s−1)
dry deposition rate of SO2 − SH−sea
dryso2 (kg m−2 s−1)
wet deposition rate of SO2 − SH−sea
wetso2 (kg m−2 s−1)
dry deposition rate of SO4 − SH−sea
dryso4 (kg m−2 s−1)
wet deposition rate of SO4 − SH−sea
wetso4 (kg m−2 s−1)
total deposition ra of S − SH−sea
wetso2)/2 + (dryso4 + wetso4)/3 (kg m−2 s−1)
cloud cover percentage − SH−sea
expression cltc (%)
Ice water path − SH−s
clivi (kg m−2)
Dimethyl sulphide (DMS) mole frac
dms (mol mol−1)
ambient aerosol optica thickness at 550nm − SH
od550aer
load of so2 − SH−sea
loadso4 (kg m−2)
load of bc − SH−sea
loadbc (kg m−2)
Year
CESM1
GISS

shp−ind−shift−1950: absolute difference