MDPI

Global El Niño–Southern Oscillation Teleconnections in CMIP6 Models

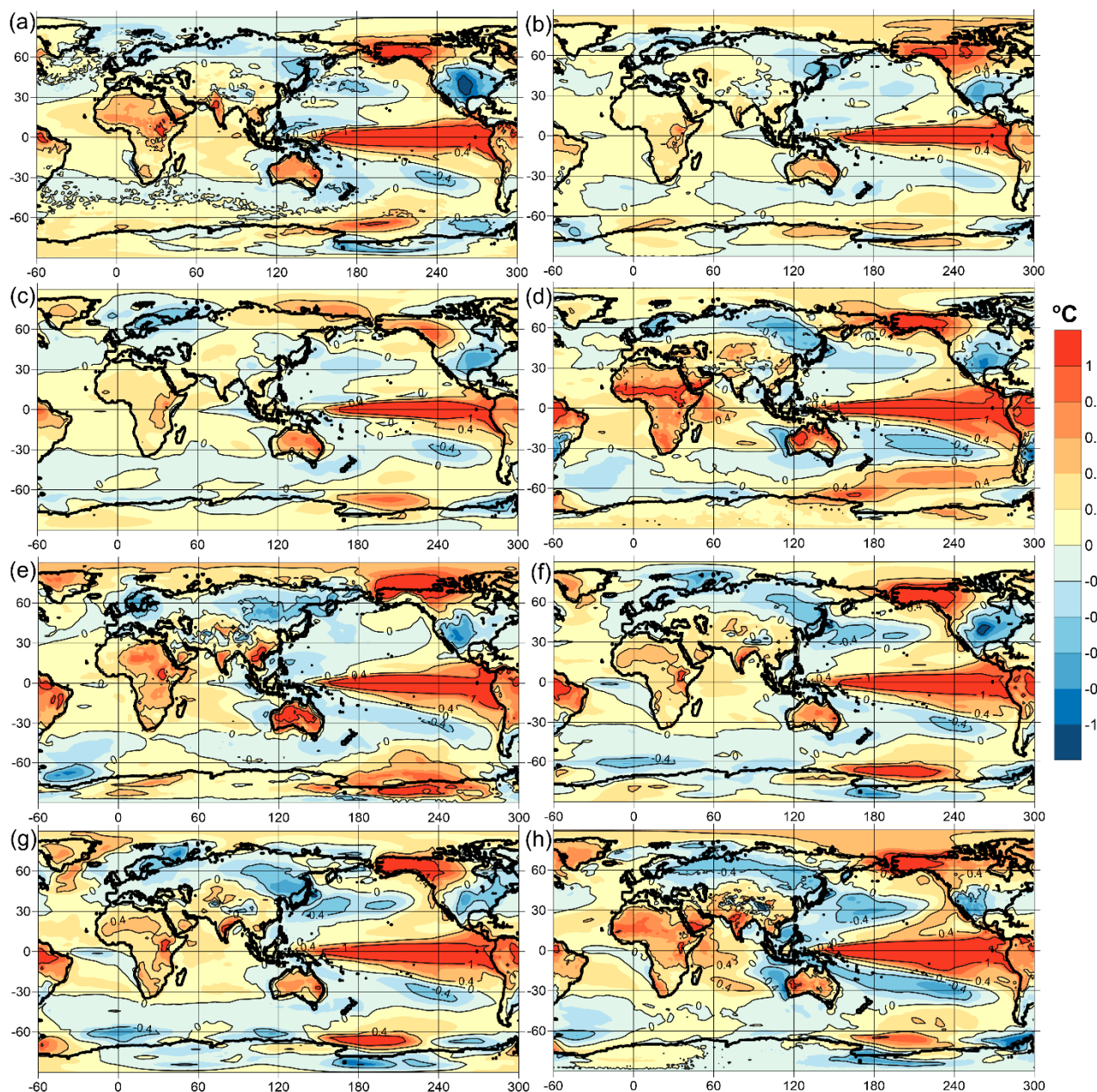**Ilya V. Serykh * and Dmitry M. Sonechkin †**

Figure S1. Difference fields of average surface temperature anomalies between opposite phases of ENSO according to ONI for models: AWI AWI-CM-1-1-MR (**a**), BCC BCC-CSM2-MR (**b**), BCC BCC-ESM1 (**c**), CAS CAS-ESM2-0 (**d**), CAS FGOALS-g3 (**e**), CCCma CanESM5 (**f**), CCCma CanESM5-CanOE (**g**), CMCC CMCC-CM2-SR5 (**h**).
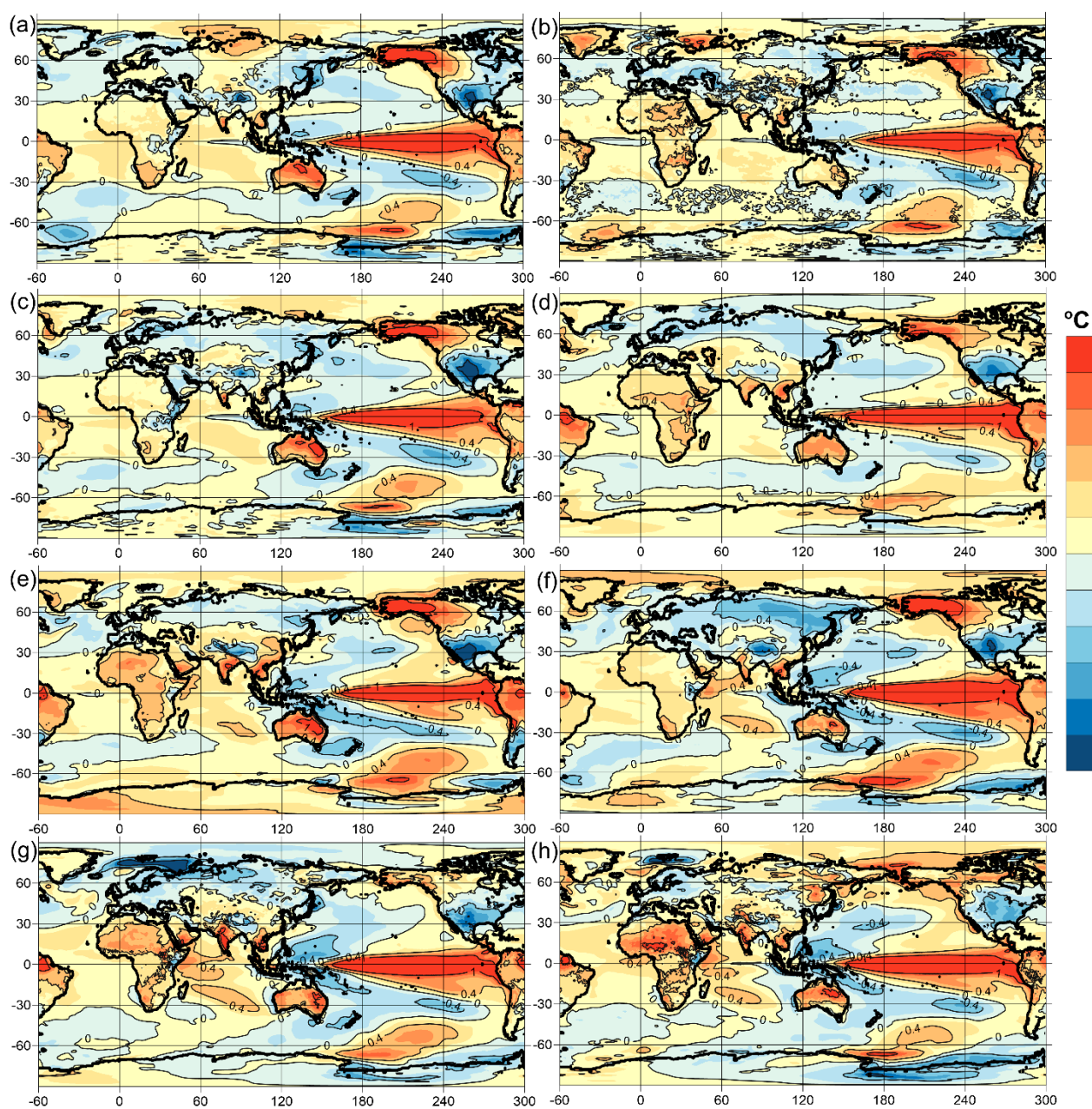
Figure S2. Difference fields of average surface temperature anomalies between opposite phases of ENSO according to ONI for models: CNRM-CERFACS CNRM-CM6-1 (**a**), CNRM-CERFACS CNRM-CM6-1-HR (**b**), CNRM-CERFACS CNRM-ESM2-1 (**c**), CSIRO ACCESS-ESM1-5 (**d**), CSIRO-ARCCSS ACCESS-CM2 (**e**), E3SM-Project E3SM-1-0 (**f**), EC-Earth-Consortium EC-Earth3 (**g**), EC-Earth-Consortium EC-Earth3-AerChem (**h**).
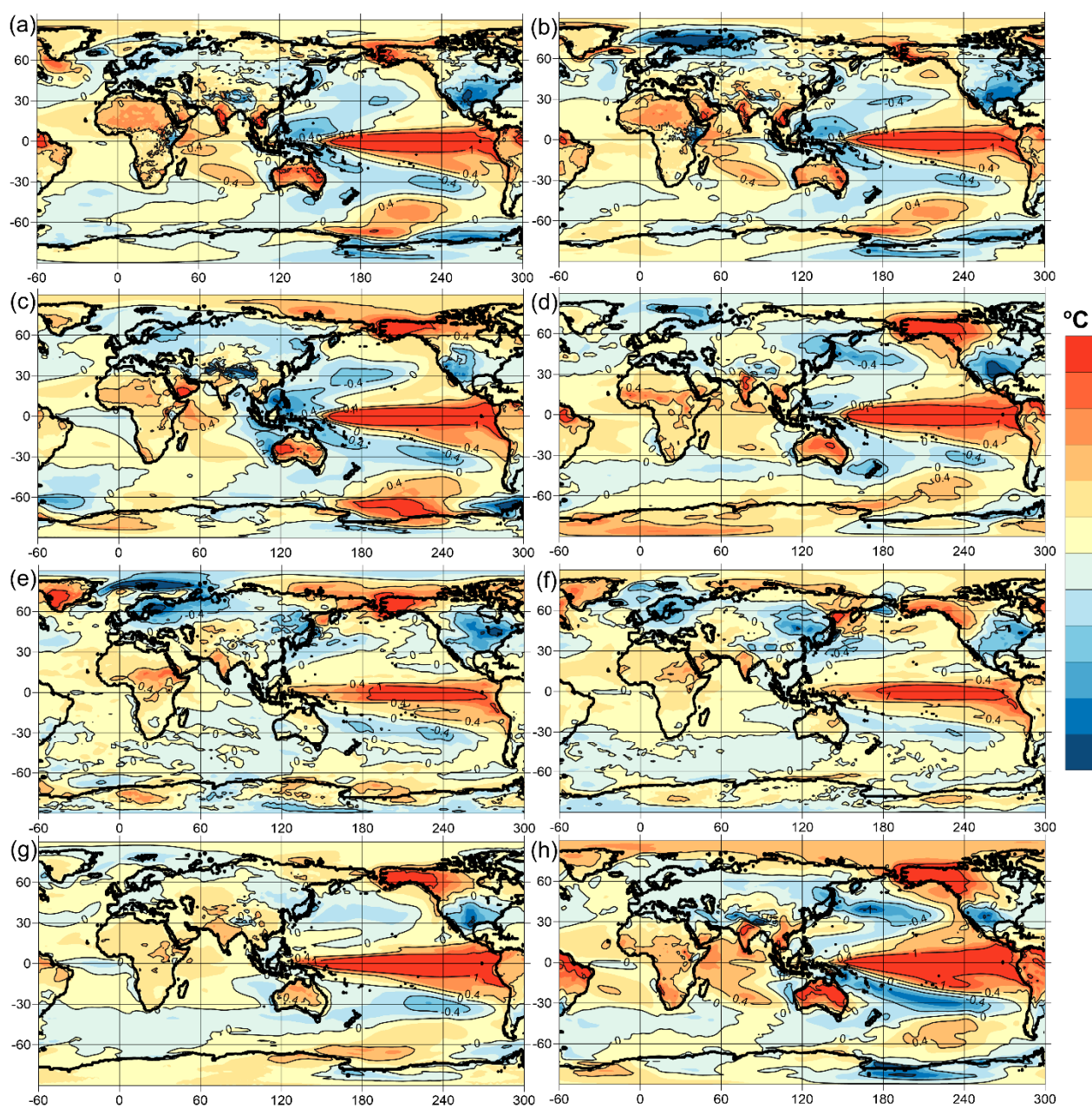
Figure S3. Difference fields of average surface temperature anomalies between opposite phases of ENSO according to ONI for models: EC-Earth-Consortium EC-Earth3-Veg (**a**), EC-Earth-Consortium EC-Earth3-Veg-LR (**b**), FIO-QLNM FIO-ESM-2-0 (**c**), HAMMOZ-Consortium MPI-ESM-1-2-HAM (**d**), INM INM-CM4-8 (**e**), INM INM-CM5-0 (**f**), IPSL IPSL-CM6A-LR (**g**), MIROC MIROC6 (**h**).
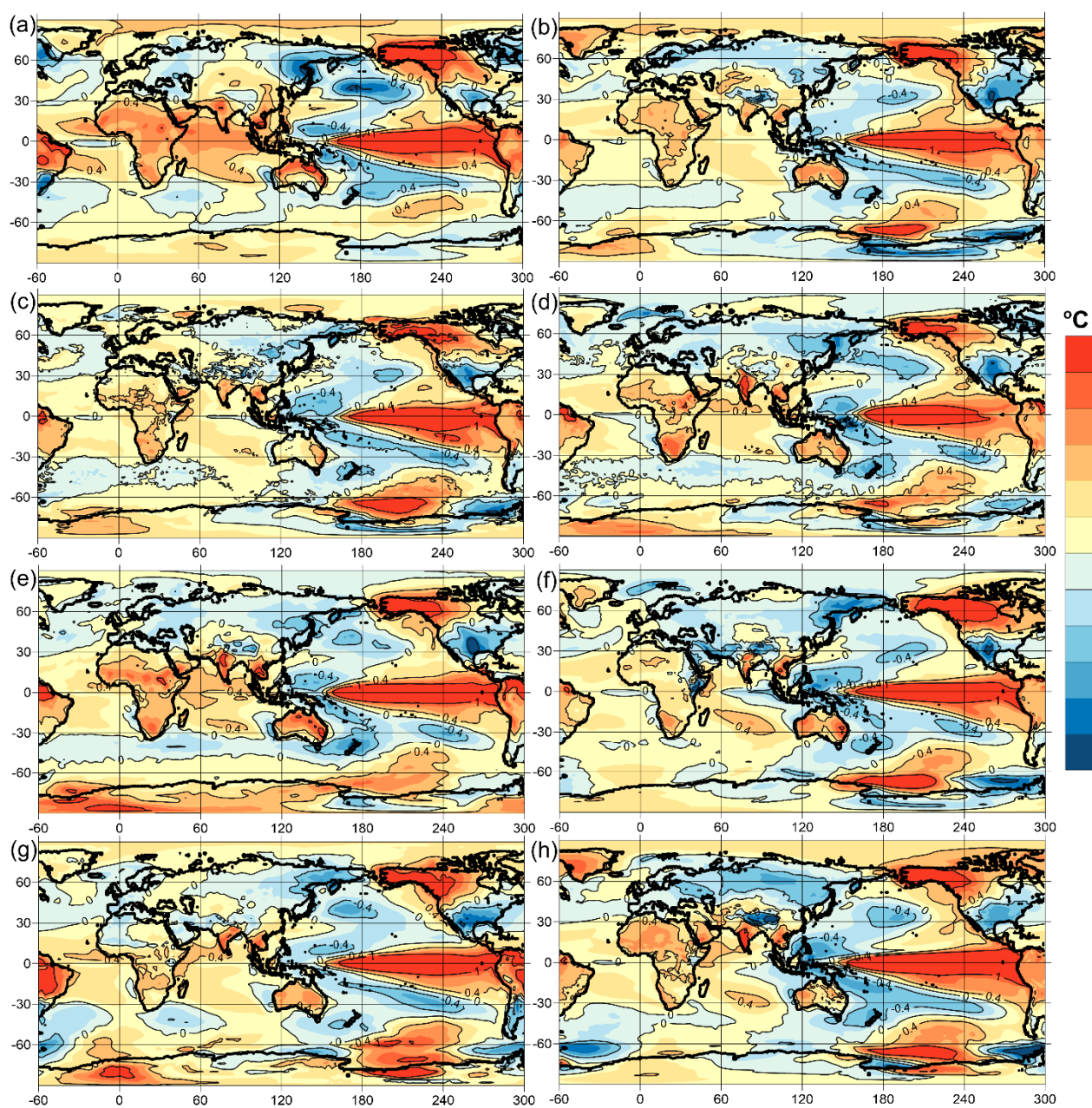
Figure S4. Difference fields of average surface temperature anomalies between opposite phases of ENSO according to ONI for models: MIROC MIROC-ES2L (**a**), MOHC HadGEM3-GC31-LL (**b**), MOHC HadGEM3-GC31-MM (**c**), MPI-M MPI-ESM1-2-HR (**d**), MPI-M MPI-ESM1-2-LR (**e**), MRI MRI-ESM2-0 (**f**), NASA-GISS GISS-E2-1-H (**g**), NCAR CESM2 (**h**).
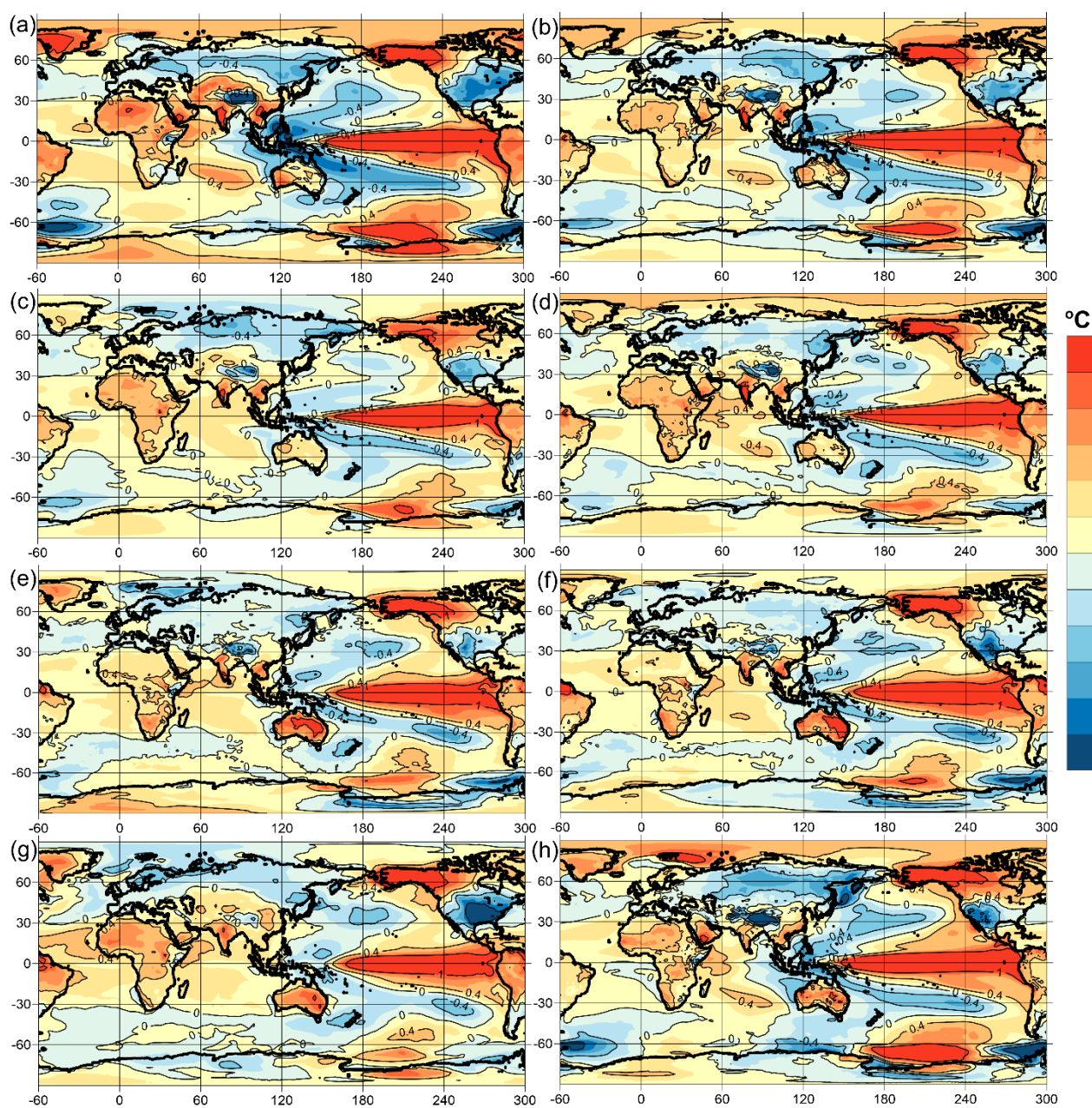
Figure S5. Difference fields of average surface temperature anomalies between opposite phases of ENSO according to ONI for models: NCAR CESM2-FV2 (**a**), NCAR CESM2-WACCM (**b**), NCC NorESM2-LM (**c**), NCC NorESM2-MM (**d**), NOAA-GFDL GFDL-CM4 (**e**), NOAA-GFDL GFDL-ESM4 (**f**), NUIST NESM3 (**g**), SNU SAM0-UNICON (**h**).
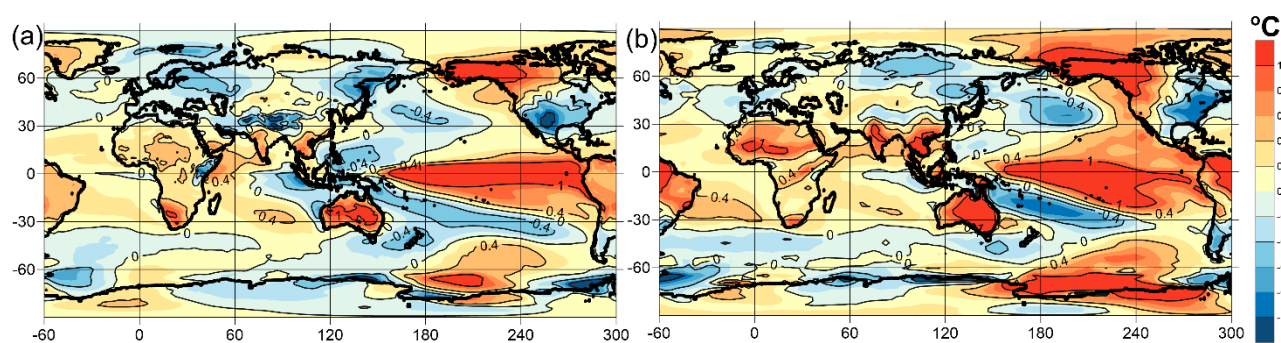
Figure S6. Difference fields of average surface temperature anomalies between opposite phases of ENSO according to ONI for models: THU CIESM (**a**), UA MCM-UA-1-0 (**b**).
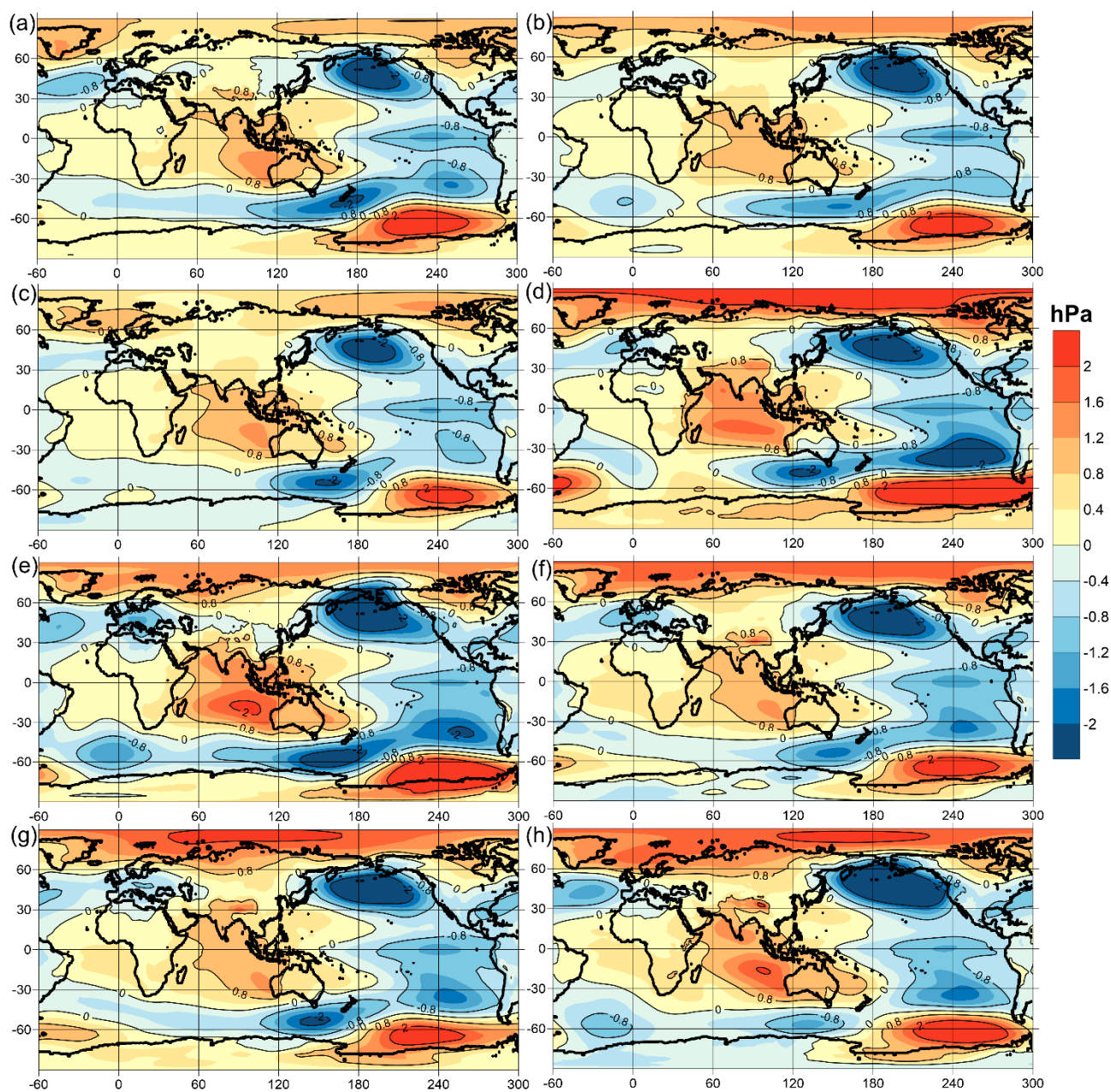
Figure S7. Difference fields of average sea level pressure anomalies between opposite phases of ENSO according to ONI for models: AWI AWI-CM-1-1-MR (**a**), BCC BCC-CSM2-MR (**b**), BCC BCC-ESM1 (**c**), CAS CAS-ESM2-0 (**d**), CAS FGOALS-g3 (**e**), CCCma CanESM5 (**f**), CCCma CanESM5-CanOE (**g**), CMCC CMCC-CM2-SR5 (**h**).
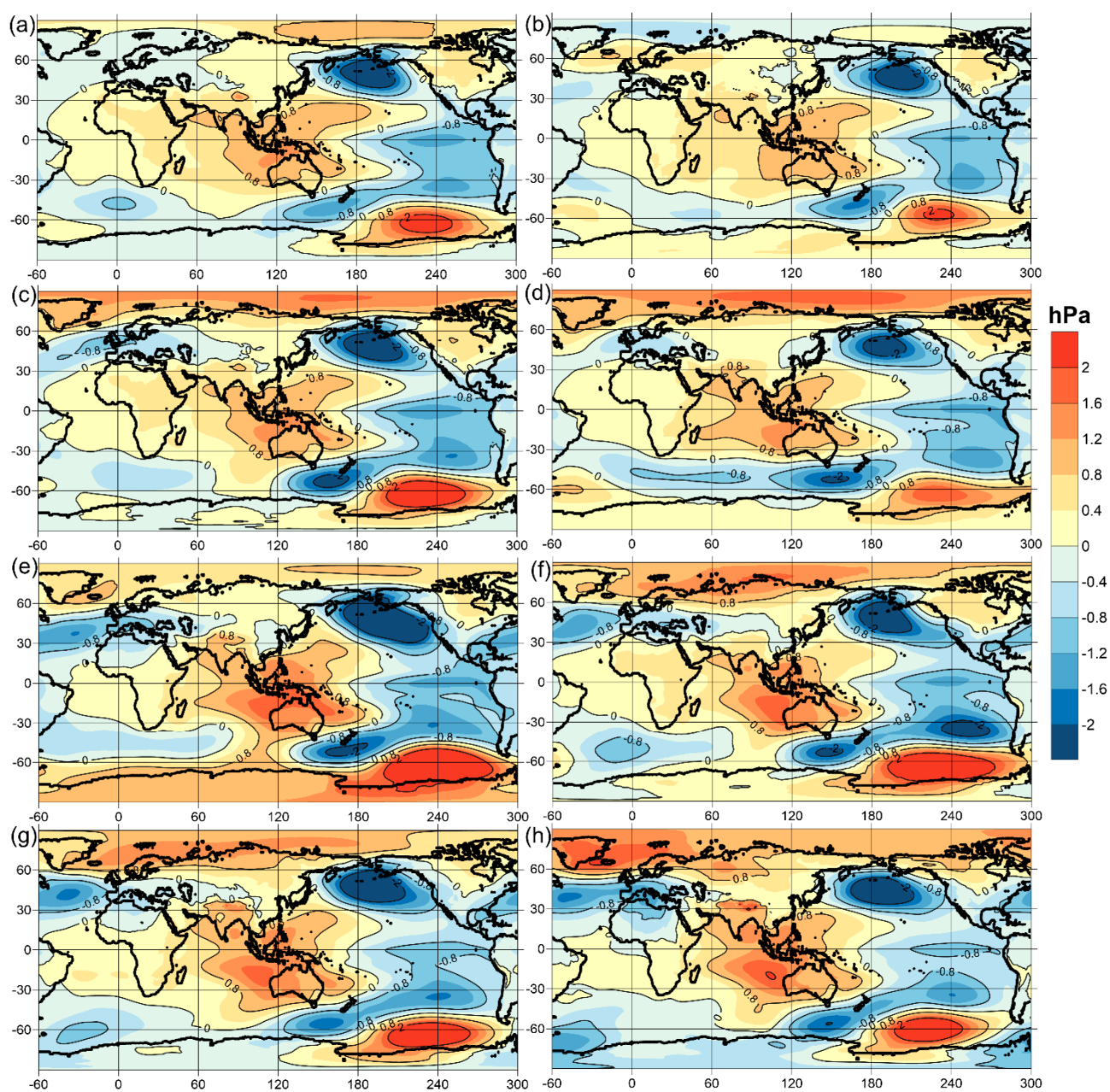
Figure S8. Difference fields of average sea level pressure anomalies between opposite phases of ENSO according to ONI for models: CNRM-CERFACS CNRM-CM6-1 (**a**), CNRM-CERFACS CNRM-CM6-1-HR (**b**), CNRM-CERFACS CNRM-ESM2-1 (**c**), CSIRO ACCESS-ESM1-5 (**d**), CSIRO-ARCCSS ACCESS-CM2 (**e**), E3SM-Project E3SM-1-0 (**f**), EC-Earth-Consortium EC-Earth3 (**g**), EC-Earth-Consortium EC-Earth3-AerChem (**h**).
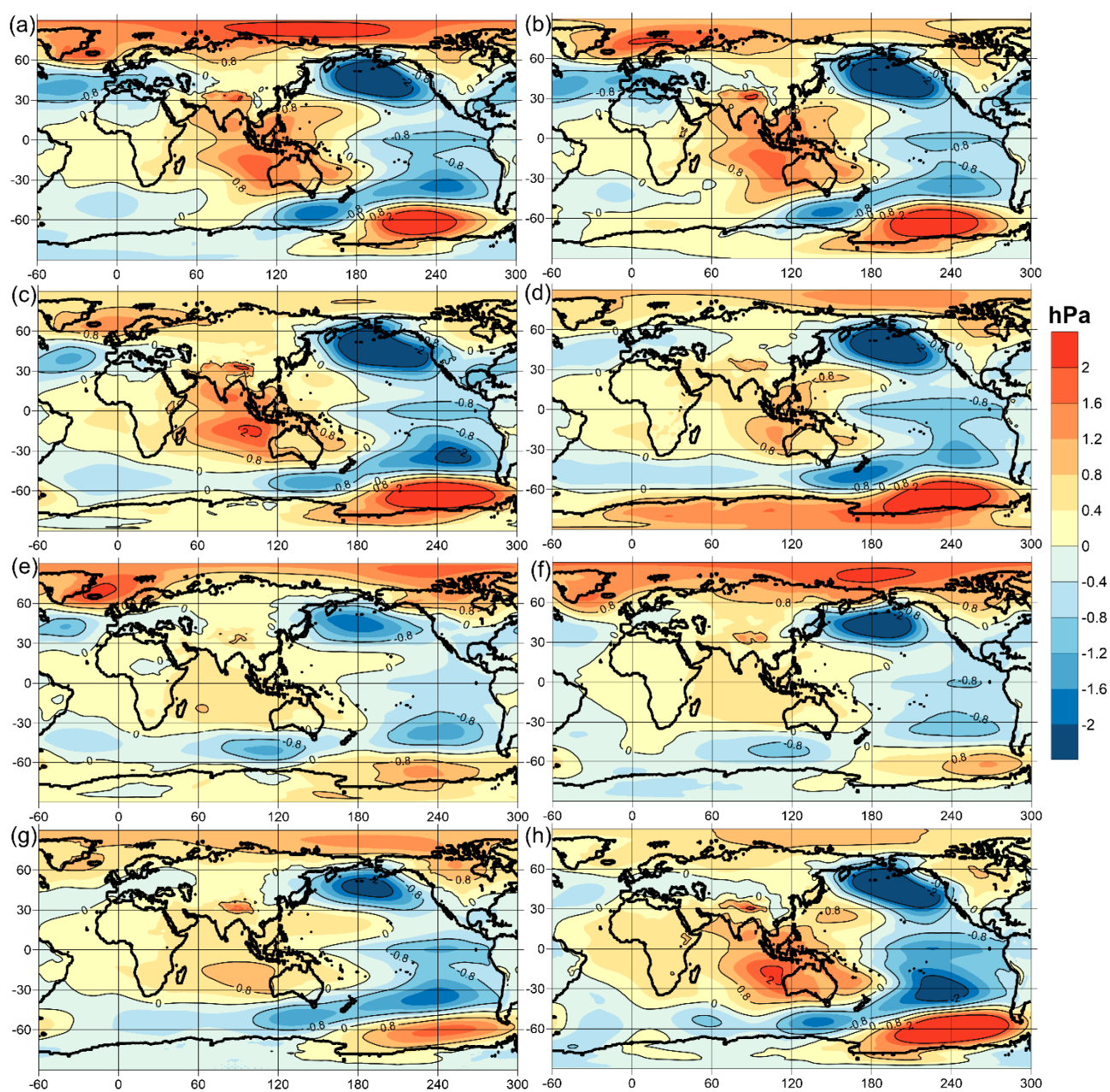
Figure S9. Difference fields of average sea level pressure anomalies between opposite phases of ENSO according to ONI for models: EC-Earth-Consortium EC-Earth3-Veg (**a**), EC-Earth-Consortium EC-Earth3-Veg-LR (**b**), FIO-QLNM FIO-ESM-2-0 (**c**), HAMMOZ-Consortium MPI-ESM-1-2-HAM (**d**), INM INM-CM4-8 (**e**), INM INM-CM5-0 (**f**), IPSL IPSL-CM6A-LR (**g**), MIROC MIROC6 (**h**).
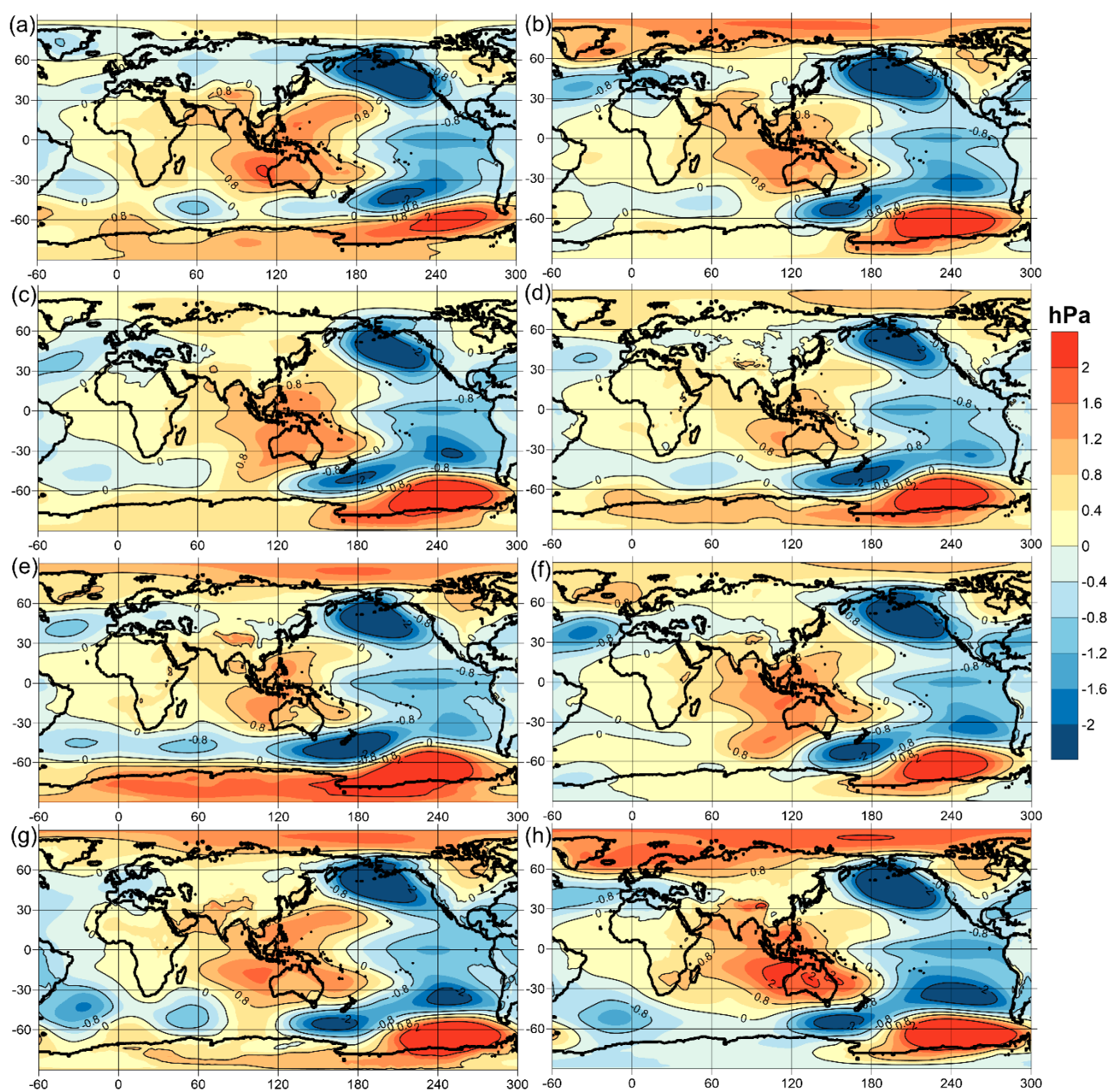
Figure S10. Difference fields of average sea level pressure anomalies between opposite phases of ENSO according to ONI for models: MIROC MIROC-ES2L (**a**), MOHC HadGEM3-GC31-LL (**b**), MOHC HadGEM3-GC31-MM (**c**), MPI-M MPI-ESM1-2-HR (**d**), MPI-M MPI-ESM1-2-LR (**e**), MRI MRI-ESM2-0 (**f**), NASA-GISS GISS-E2-1-H (**g**), NCAR CESM2 (**h**).
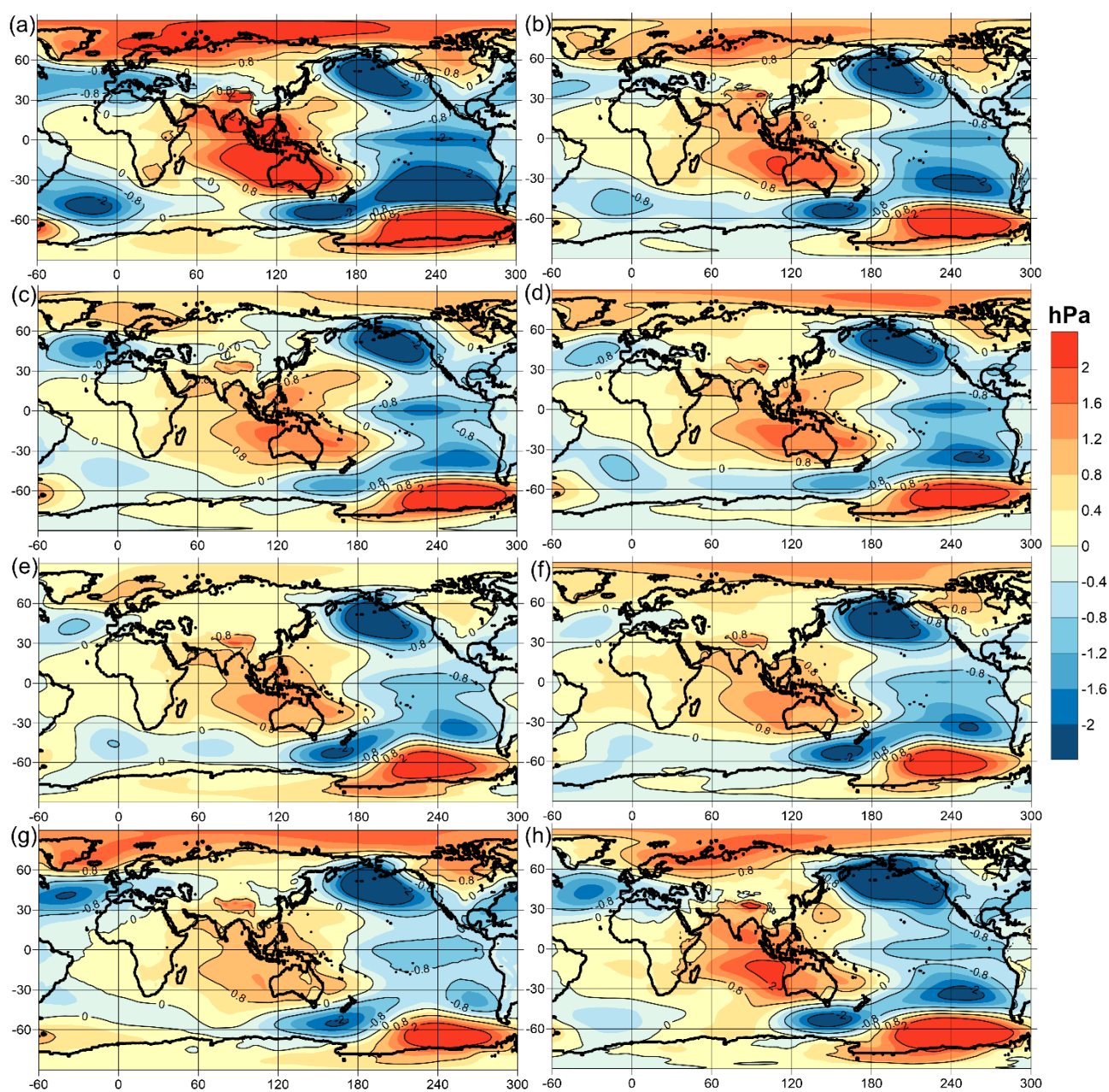
Figure S11. Difference fields of average sea level pressure anomalies between opposite phases of ENSO according to ONI for models: NCAR CESM2-FV2 (**a**), NCAR CESM2-WACCM (**b**), NCC NorESM2-LM (**c**), NCC NorESM2-MM (**d**), NOAA-GFDL GFDL-CM4 (**e**), NOAA-GFDL GFDL-ESM4 (**f**), NUIST NESM3 (**g**), SNU SAM0-UNICON (**h**).
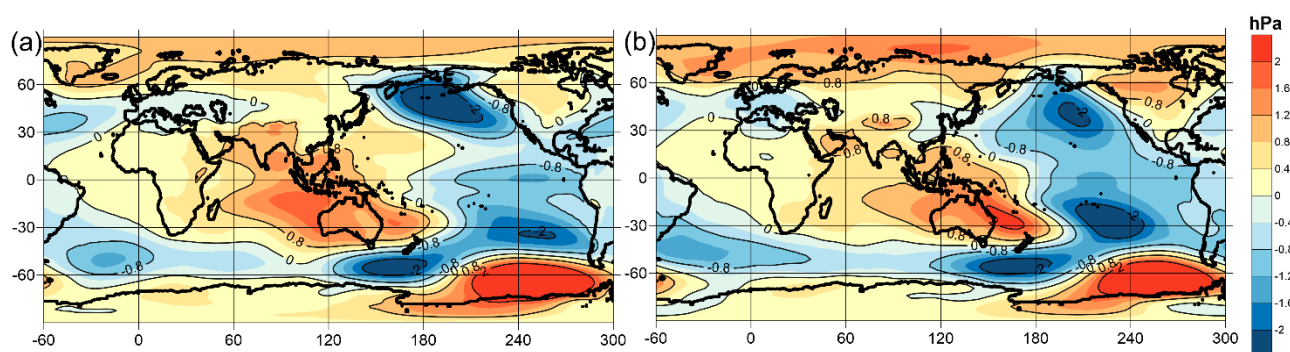
Figure S12. Difference fields of average sea level pressure anomalies between opposite phases of ENSO according to ONI for models: THU CIESM (**a**), UA MCM-UA-1-0 (**b**).