Ocean-Land-Atmosphere Research
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ERRATUM

Erratum to "A Review of Arctic–Subarctic Ocean Linkages: Past Changes, Mechanisms, and Future Projections"

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In the Review Article "A Review of Arctic–Subarctic Ocean Linkages: Past Changes, Mechanisms, and Future Projections" [1], the x-axis in Figure 4B and y-axis in Figure 8F were skewed during picture beautification by an artist. These errors did not affect the conclusions of the paper.

Figures 4B and 8F have now been corrected in the PDF and HTML (full text).

Reference

1. Wang Q, Shu Q, Wang S, Beszczynska-Moeller A, Danilov S, de Steur L, Haine TWN, Karcher M, Lee CM, Myers PG, et al. A review of Arctic–Subarctic ocean linkages: Past changes, mechanisms, and future projections. *Ocean Land Atmos Res*. 2023;2:0013.

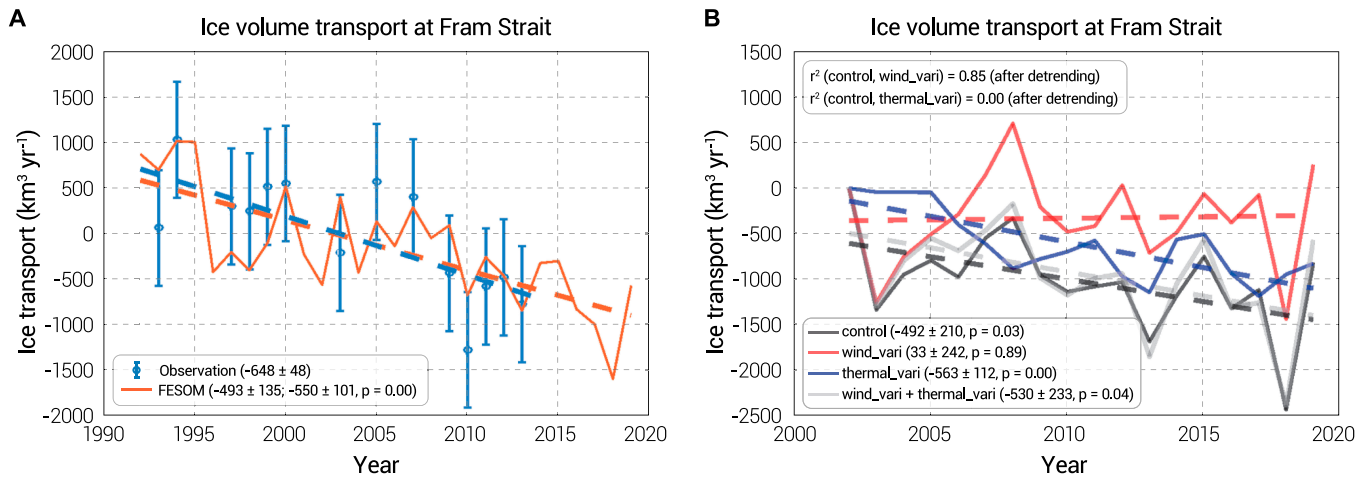

Fig. 4. (A) Anomaly of annual mean sea ice volume transport in the Fram Strait: Observations in blue and FESOM historical simulation in red. The dashed lines depict the linear fit, with the trends shown in the legend. The trends in the model are calculated for the period of available observations and for the whole illustrated period as well. (B) Winter-centered annual mean sea ice volume transport in the Fram Strait in FESOM simulations: (black) control (historical) simulation; (red) sensitivity simulation in which winds have interannual variability, but Arctic thermal forcing is climatology; (blue) sensitivity simulation in which thermal forcing has interannual variability, but Arctic winds are climatology; (gray) sum of the red and blue lines. The anomalies relative to the first year are shown. The dashed lines depict the linear fit, and the trends are shown in the legend. The fractions of the variance in the control simulation that can be explained by the 2 sensitivity simulations are shown at the top of the plot (r^2). In this figure, Arctic sea ice export is defined to be positive, so a downward trend indicates a reduction in sea ice export. The figure is modified from Wang et al. [181]. The observation data in (A) were described by Spreen et al. [25].

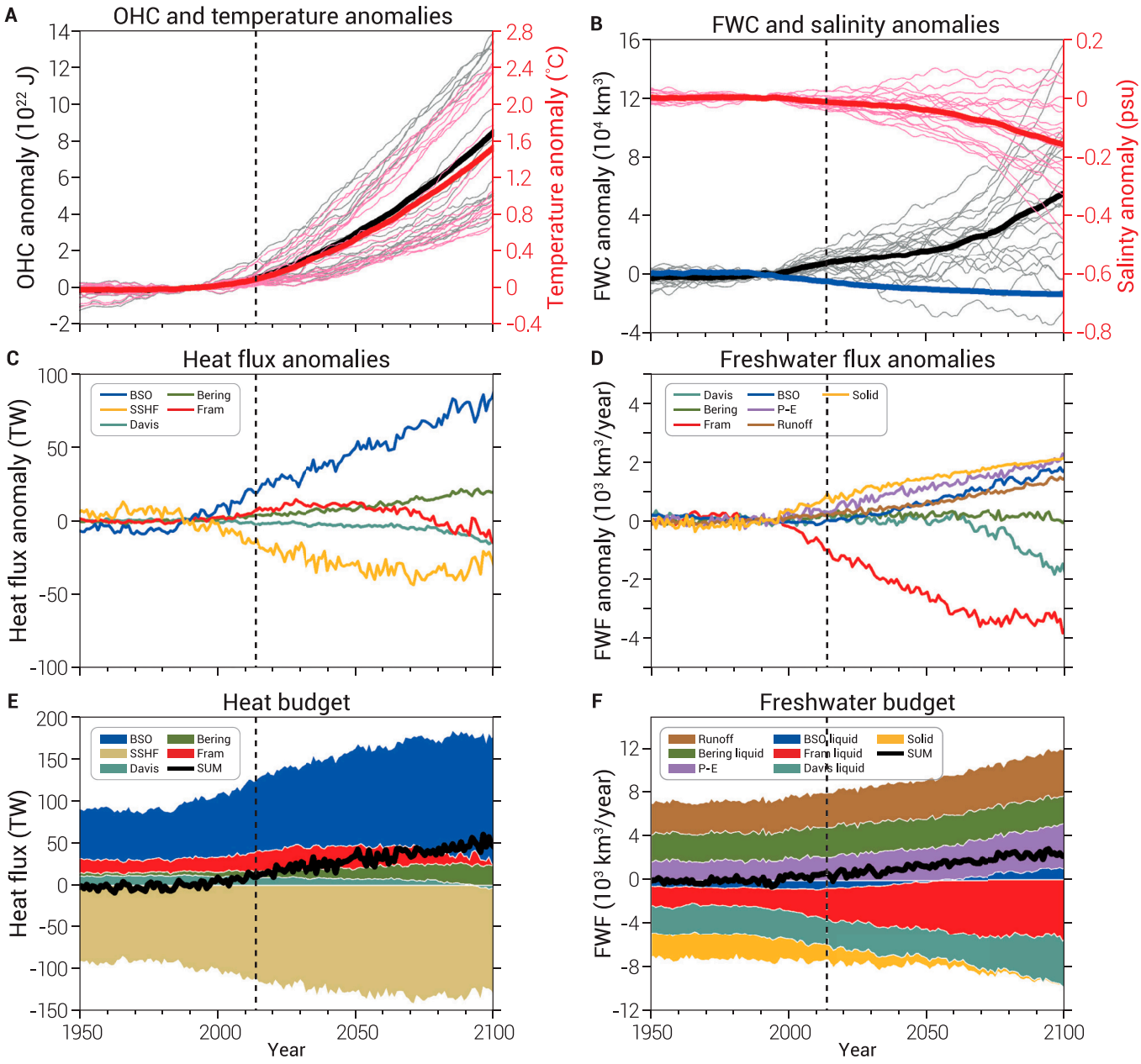

Fig. 8. CMIP6 historical and SSP585 results (periods separated by the vertical dashed lines). Anomalies of the Arctic Ocean (A) heat content (black) and temperature (red), (B) liquid (black) and solid (blue) freshwater contents and salinity (red), (C) heat budget terms, and (D) freshwater budget terms. The anomalies are relative to 1980–2000 means. (E) Arctic Ocean heat budget. (F) Arctic Ocean freshwater budget. Ocean heat and freshwater transports are calculated relative to 0°C and 34.8, respectively. In (A) and (B), the thin lines represent the results of individual models to illustrate the large model spreads. The model data used in this figure are described by Shu et al. [74] and Wang et al. [126]. OHC, ocean heat content; FWC, freshwater content; BSO, Barents Sea Opening; SSHF, sea surface heat flux; P-E, precipitation minus evaporation.

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