



SUMMARY

1. Compensating deep convection changes in response to sea ice retreat in the eastern (decrease) and the western (increase) Subpolar region could drive AMOC decrease and subsequent recovery
2. Insight into the importance of the background state in interpreting the response of AMOC to sea ice decline
3. Response of the westerlies and Subpolar gyre result in the North Atlantic warming hole formation, independent of AMOC recovery