

**Supplement for “Atmospheric circulations associated with sea-ice reduction events
in the Okhotsk Sea”**

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Supplement 1

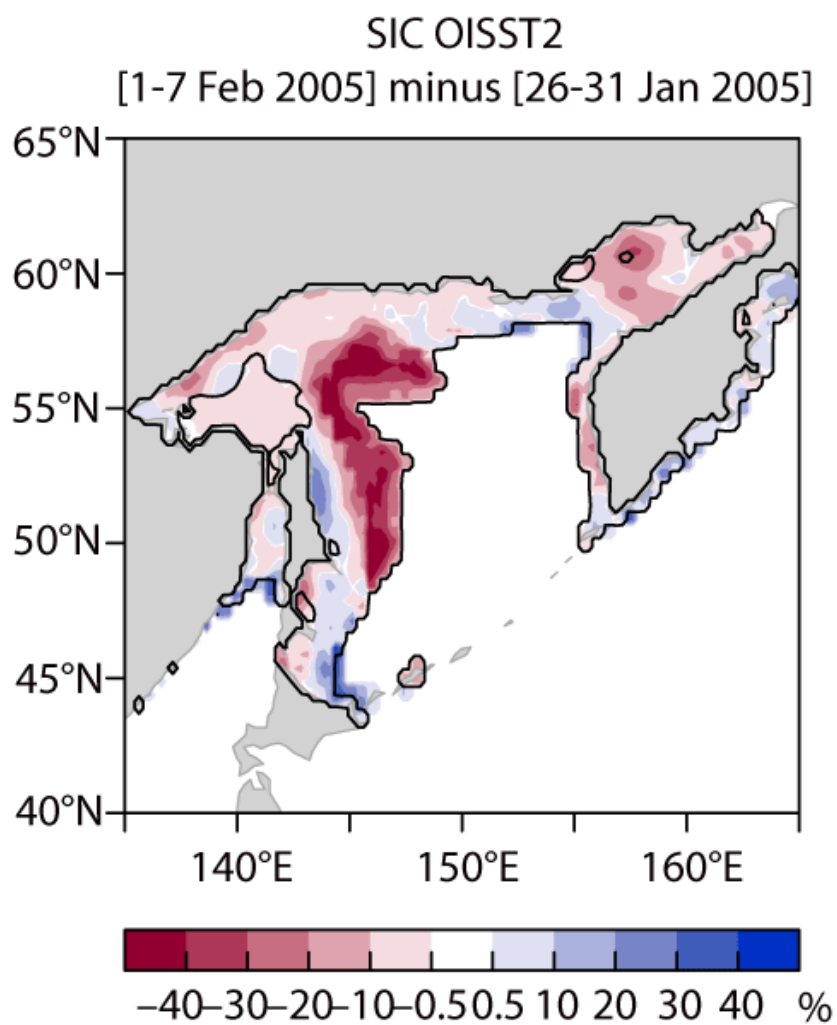


Fig. S1 Similar to Fig. 3a, but for OISST V2.

Supplement 2

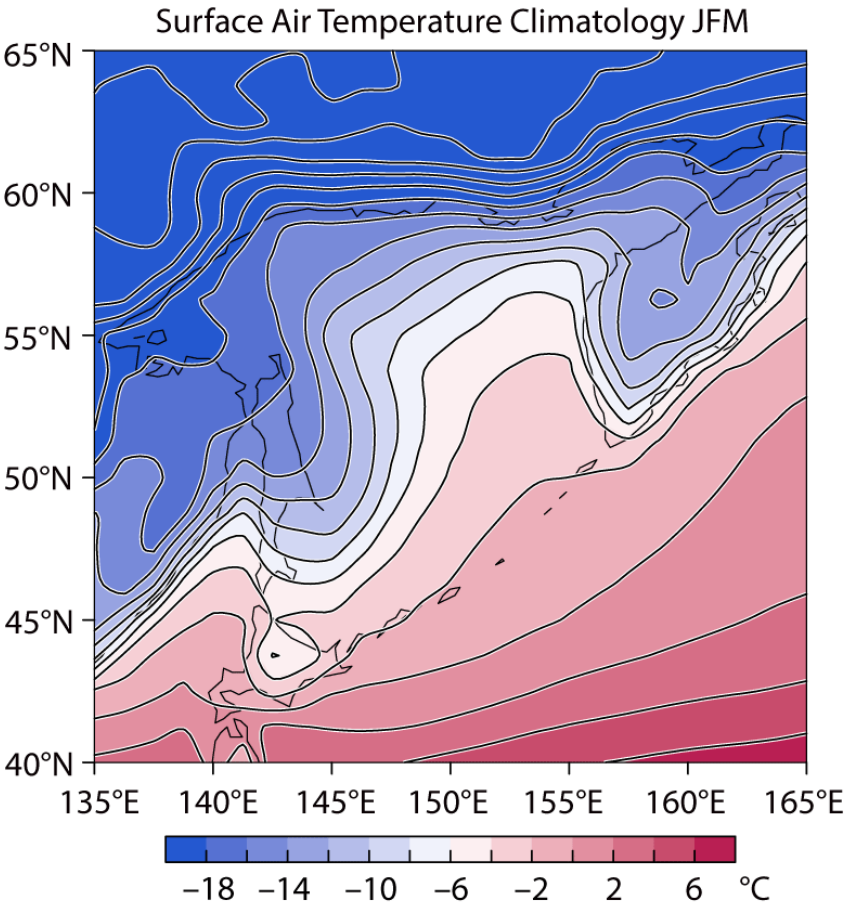


Fig. S2 Climatology in surface air temperature (°C) during January, February, and March obtained from JRA-55. Contour interval is 2 °C.

Supplement 3

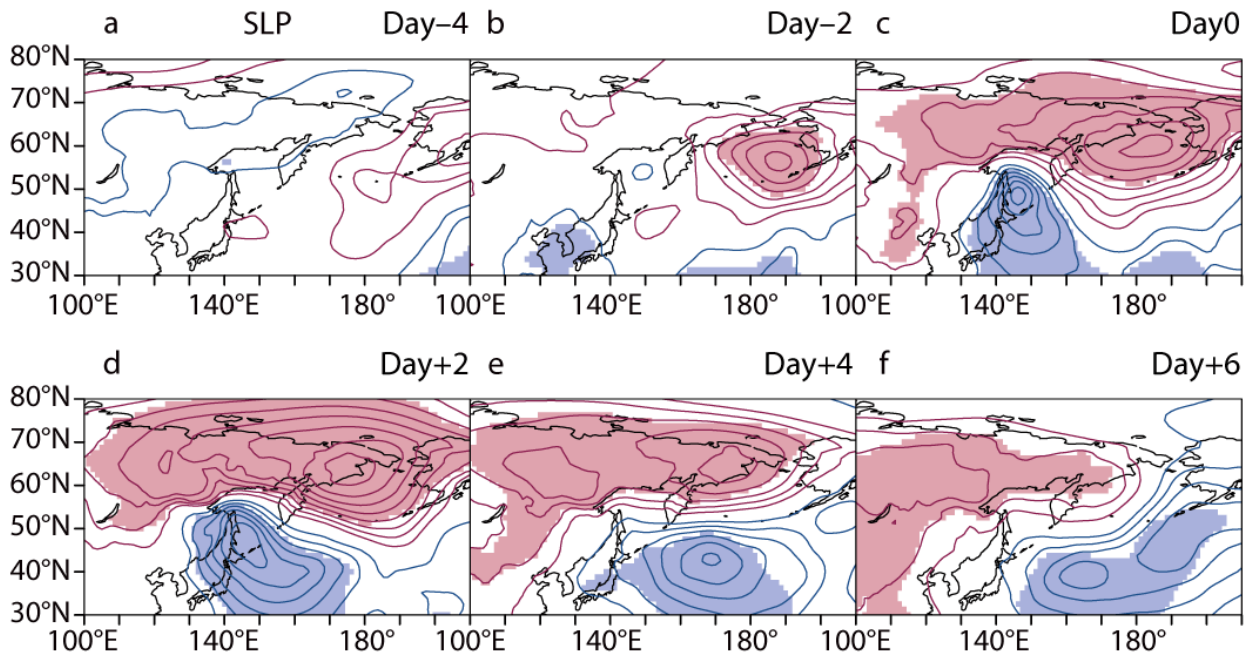


Fig. S3 Composite maps of SLP anomaly (contours, ± 0.5 , 1.0, 1.5, 2.0 and 2.5 hPa), similar to Fig. 7. Shading indicates the areas with 95% statistical confidence.