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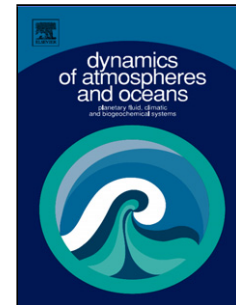
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Severe haze in Hangzhou in winter 2013/14 and associated meteorological anomalies

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Highlights

- The neutral condition of tropical sea surface temperature anomalies during winter 2013/14 could not induce significant circulation anomalies over East Asia, leading to a stable atmospheric condition favorable for haze weather in Hangzhou in winter 2013/14.
- The changes in surface temperature and ice cover at high latitudes resulted in an eccentric polar vortex, leading to a barotropic anomalous circulation dipole pattern. The southerly anomaly associated with this anomalous dipole pattern hindered the transportation of cold/clear air mass from Siberia to central-eastern China, leading

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