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ACG31-03 Room:201B



Time:May 25 15:45-16:00

Seasonal Change and Long-term Trend in the Arctic Cryospheric -Discussion from Bipolar perspective-

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Arctic sea ice declining has been rapidly in 2000's with the summer minimum record in 2012. Sea ice in 2013 and 2014 summers recorded increase however the ice situation is still low expand level. On the other hand, Antarctic sea ice is increasing in winter. Sea ice in the Antarctic in 2014 austral winter recorded the maximum area since the satellite observation became available. Dynamic changes in snow cover, snow fall and ice sheet are also reported change are reported recently. This study summarizes common feature and differences in these evidences and current understanding of possible causes.

Keywords: Arctic, cryosphere, bi-polar