

# Characteristics, impact and effort against uncertainty of sea ice changes evidenced in the both polar regions

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Sea ice in the Arctic and Antarctic show different trends. Arctic sea ice shows declining trend. Its changing mechanism, forecasts, and social influences are strong concern. Antarctic sea ice showed increasing trend, however recently turn to show rapid decrease. This presentation summarizes sea ice characteristics, as area, thickness, drift, seasonal cycle, long-term trend of both polar regions, and introduce recent change.

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