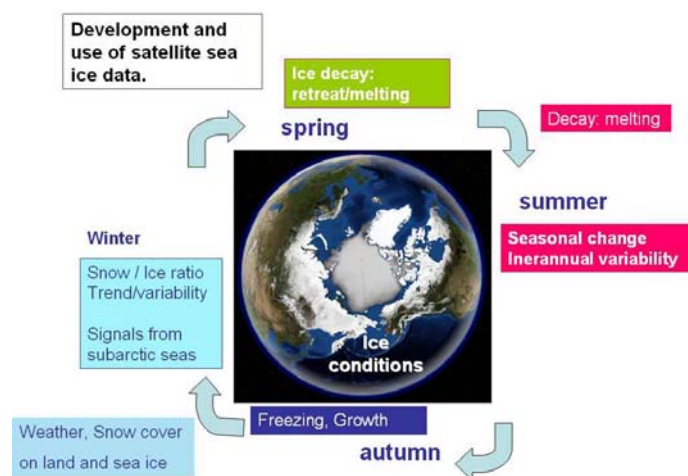


## Satellite Observation of Sea Ice Change in the Arctic

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Drastic sea ice reduction has been recorded in the Arctic. Those sea ice change can be obtained by satellite observations. Satellite observation of sea ice surveys ice extent, ice types, ice movement and ice thickness. Field campaigns have been carried out in the various sea ice area in the Arctic. Buoy data and coastal observation of sea ice change are also available. This presentation introduces various satellite observations of sea ice and discusses evidence of recent changes. Then, this study surveys availabilities and problems for use of satellite data in connection to the climatic change for advanced analysis and modeling.



Keywords: Arctic, Sea Ice, Satellite