

## **16. Observed Changes at the Surface of the Arctic Ocean**

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The Arctic has been in dramatic transition due to changes in weather and climate. Observations from buoys have been critical in documenting these changes. In this presentation, we will: 1) review the changes in Arctic climate; 2) discuss how the International Arctic Buoy Programme (IABP) has been evolving to maintain the observing network covering the Arctic Ocean; and 3) present some new results from a new buoy that we have been developing to measure the heat content of the upper layer of the Arctic Ocean.

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