

Nansen and Amundsen Basins Observational System (NABOS) Overview

The Nansen and Amundsen Basins Observational System (NABOS) is a large-scale, long-term, observational program launched in 2002 in conjunction with the Canadian Basin Observational System (CABOS). The goal is to provide a quantitative, observationally based assessment of circulation, water mass transformations, key mechanisms of variability in the Arctic Ocean, and links to the lower-latitude processes.

As an established observational network, NABOS has become an important element of the Arctic Observing System. Over the last seven years, the system has accumulated a great deal of experience working in harsh Arctic conditions. The scientific results NABOS yields are essential for the understanding of on-going changes in high-latitude regions, particularly in the reduction of arctic ice.

Continuation of the program beyond 2009 depends on funding. The available funding will provide a year's worth of observations beyond 2008-09.