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BUILDING PARTNERSHIPS ACROSS THE ARCTIC

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The Institute of Marine Research (IMR) conducts research and monitoring cruises into the Barents Sea and Arctic Ocean every year with a focus on providing advice on commercially important fish stocks. Some of the challenges experienced and research questions within the Barents Sea and adjacent Arctic Ocean are similar to those in the Bering Sea and other shelf seas in the Arctic. The presentation will highlight ongoing research and advice efforts and explores opportunities to strengthen the ties between other countries and Norwegian research. Examples for similar questions being investigated in the Pacific -Arctic domain include observations in shifts in the distribution of pelagic and demersal fish stocks in relation to environment and food availability, unique challenges in estimating fish stocks during periods of ice cover, range extension of species into the Arctic, changes in commercial fisheries and ocean acidification.