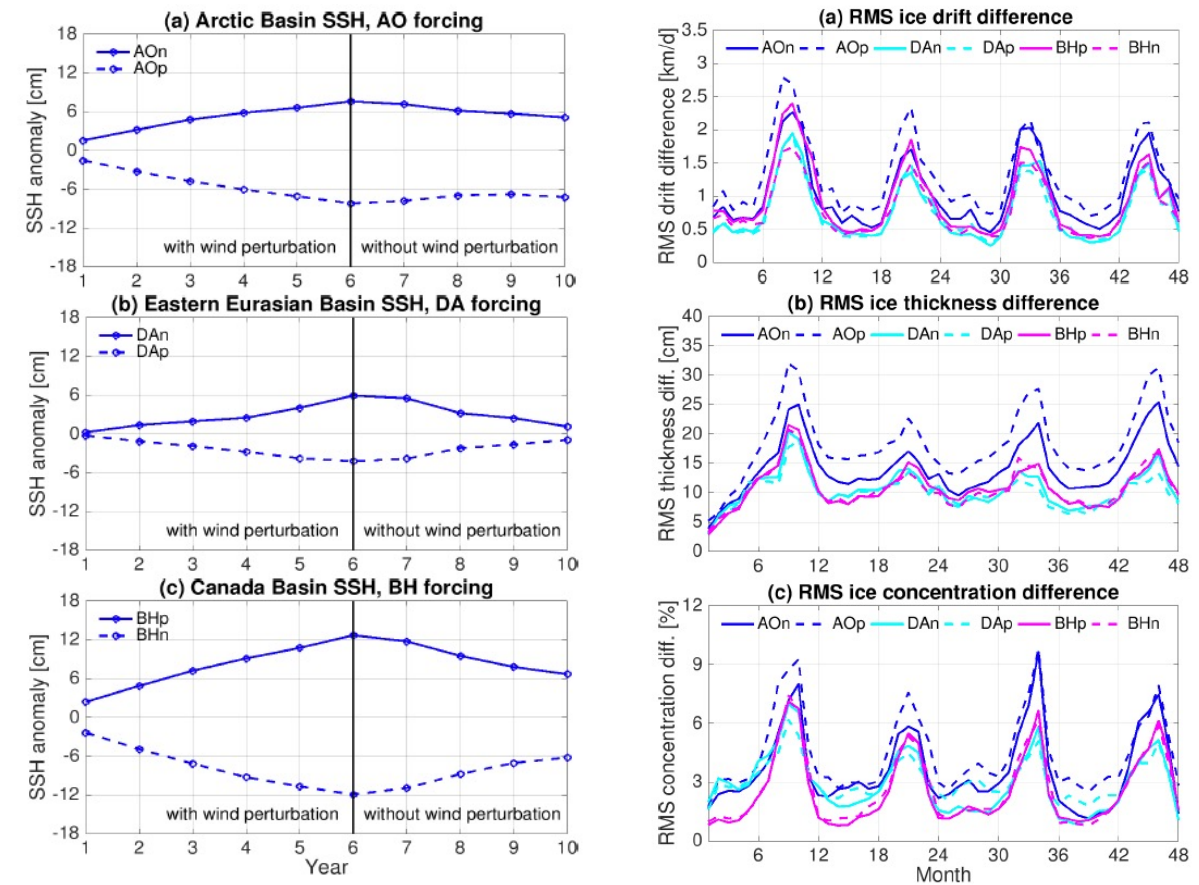
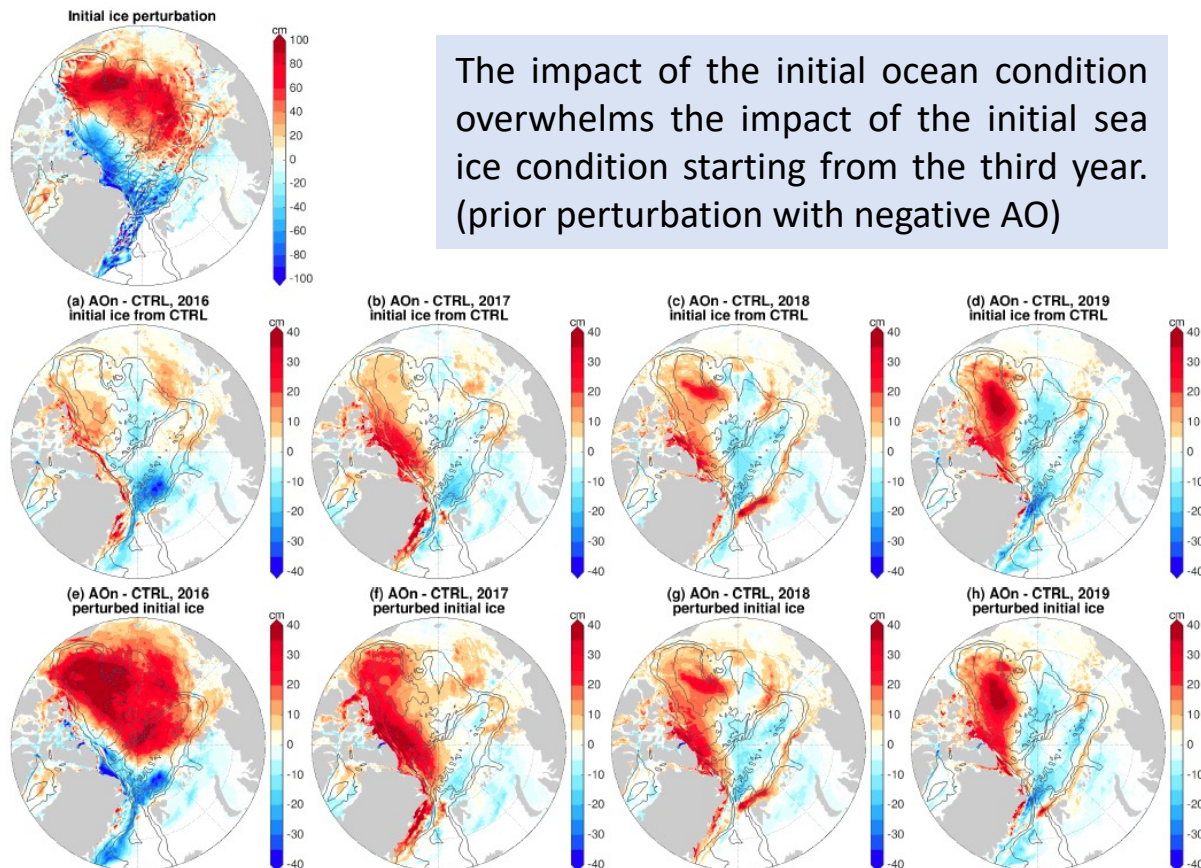


Long-lasting impact of winds on Arctic sea ice through the ocean's memory

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- The changes in ocean freshwater content induced by wind perturbations can significantly affect the Arctic sea ice drift, thickness, concentration (and deformation rates) regionally even *years after the wind perturbations*.
- The seasonality implies that declining trends of Arctic sea ice will very possibly allow a *stronger ocean impact on the sea ice in a warming climate*.

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