

Oceanography Seminar

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“Do atmospheric GCMs underestimate the
atmospheric response to Arctic sea ice loss?”

There is much observational evidence of a significant impact on the large-scale atmospheric circulation of interannual sea ice variability in the Barents-

Kara Seas, where a sea ice concentration decrease in the fall tends to be followed by a negative NAO in winter. Our recent work also suggests that observed Arctic sea ice loss in the last few decades would have resulted in a large negative NAO4e atmospherO62 792 reW*n0000 0 1ase 0 G(\$ PRDF)2ES\$