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# AOMIP : Publications

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## 2011

- Aksenov, Yevgeny et al., (2011): Arctic pathways of Pacific water: AOMIP model experiments, *JGR*, submitted
- Dupont, Frederic, (2011): Effect of sea-ice biology in a biophysical model of the Pan-Arctic Ocean and response to Arctic warming, *JGR* accepted
- Gao, Guoping et al., (2011): An Unstructured-Grid, Finite-Volume Sea Ice Model(UG-CICE): Development, Validation and Application , *JGR*, accepted
- Holloway, Greg, (2011): Oceans and ocean models as seen by current meters, *JGR*, under revision
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- Johnson, Mark A. et al., (2011): Evaluation of Arctic sea ice thickness simulated by AOMIP models, *JGR*, submitted
- Michael Karcher, John N. Smith,Frank Kauker, Rüdiger Gerdes and Bill Smethie (2011): Arctic Ocean circulation variability and the dispersion of $^{129}$ Iodine, *JGR*, submitted
- Kuzmina, Natalia (2011): On the structure and dynamical features of intrusive layering in the Eurasian Basin in the Arctic Ocean, *JGR*, under revision
- Kwok, Ron (2011): Observational assessment of Arctic Ocean sea ice motion, export, and thickness in CMIP3 climate simulations, *JGR*, under revision
- Moshonkin S.N., G.V. Alekseev, A.V. Gusev, N.A. Diansky, V.B. Zalesny, A.V. Pnyushkov.
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- Martensson, Sebastian, Simulated long-term variability of ridged sea-ice in the Arctic Oceanusing a coupled multi-category sea-ice ocean model, *JGR*, under revision
- Maslowski, Wieslaw, Volume and Freshwater Export Through the Canadian Arctic Archipelago - Part I: Evaluation of Seasonal and Interannual Results from a High-Resolution Model, *JGR*, submitted
- Maslowski, Wieslaw, Volume and Freshwater Export Through the Canadian Arctic Archipelago - Part II: Control Mechanisms, *JGR* , submitted
- Nguyen, A. T., D. Menemenlis, and R. Kwok ( 2011 ), Arctic ice?ocean simulation with optimized model parameters: Approach and assessment , *J. Geophys. Res.* , 116 , C04025, doi:10.1029/2010JC006573
- Platov G. A. (2011). Numerical Modeling of Deepwater Generation in the Arctic Ocean: Part I. Idealized Tests, *Izvestiya, Atmospheric and Oceanic Physics*, 2011, Vol. 47, No. 3, pp. 362–376. © Pleiades Publishing, Ltd., 2011. Original Russian Text © G.A. Platov, 2011, published in Izvestiya AN.Fizika Atmosfery i Okeana, 2011, Vol. 47, No. 3, pp. 393–408.
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- Popova, Ekaterina, What controls primary production in the Arctic Ocean? Results from an ecosystem model intercomparison, *JGR*, submitted
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Yakovlev N. G., (2009): Reproduction of the Large-Scale State of Water and Sea Ice in the Arctic Ocean in 1948–2002: Part 2. State of sea ice and snow cover

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Aksenov, Yevgeny, Bacon, Sheldon, Coward, Andrew C., Nurser, A.J. George, The North Atlantic inflow to the Arctic Ocean: High-resolution model study

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- Rudels, Bert, Volume and freshwater transports through the Canadian Arctic Archipelago - Baffin Bay system, *JGR*, under revision
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