Associated dataset: Climate change impacts on southern Ross Sea phytoplankton composition, productivity and export

Daniel E. Kaufman  
*Virginia Institute of Marine Science*, dekaufman@vims.edu

Marjorie A.M. Friedrichs  
*Virginia Institute of Marine Science*, marjy@vims.edu

Walker O. Smith Jr.  
*Virginia Institute of Marine Science*, wos@vims.edu

Eileen E. Hofmann  
*Center for Coastal Physical Oceanography, Old Dominion University*

Michael S. Dinniman  
*Center for Coastal Physical Oceanography, Old Dominion University*

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Authors
Daniel E. Kaufman, Marjorie A.M. Friedrichs, Walker O. Smith Jr., Eileen E. Hofmann, Michael S. Dinniman, and John C.P. Hemmings
DATASET ABSTRACT SUMMARY

Title:
Climate change impacts on southern Ross Sea phytoplankton composition, productivity and export

Authors:
Daniel E. Kaufman; Marjorie A. M. Friedrichs; Walker O. Smith Jr.; Eileen E. Hofmann; Michael S. Dinniman; John C. P. Hemmings

Orcid IDs:
0000-0002-1487-7298 (DEK); 0000-0003-2828-7595 (MAMF); 0000-0003-4304-1980 (WOS); 0000-0001-7519-9278 (MSD)

Location (place name):
Ross Sea, Antarctica

Location (bounding box coordinates):
78° S, 164° E;
75° N, 164° E;
75° S, 176° E;
78° S, 176° E

Date:
2017 January 20

Description of Data:
Contained within are model input/output files and data used in figures of the associated publication.

The contained files are in simple text and comma-separated formats. Model input/output files are in layouts associated with the Marine Model Optimization Testbed (MarMOT), an advanced open-source 1D model analysis framework. For information about MarMOT, its source code and input/output, see http://projects.noc.ac.uk/marmot/. For code relating to the Ross Sea version of the MEDUSA model (-RS) please contact the authors (dekaufman@vims.edu, marjy@vims.edu)
Associated Publications:


Subject Keywords:

Ross Sea
Biogeochemical model
Climate scenarios
Phytoplankton
Phaeocystis antarctica
Glider