

Accepted Manuscript

Trophic cascades of bottom-up and top-down forcing on nutrients and plankton in the Kattegat, evaluated by modelling

Marcell Elo Petersen, Marie Maar, Janus Larsen, Eva Friis Møller, Per Juel Hansen

PII: S0924-7963(16)30073-2
DOI: doi:[10.1016/j.jmarsys.2017.01.006](https://doi.org/10.1016/j.jmarsys.2017.01.006)
Reference: MARSYS 2934

To appear in: *Journal of Marine Systems*

Received date: 3 May 2016
Revised date: 4 January 2017
Accepted date: 11 January 2017

Please cite this article as: Petersen, Marcell Elo, Maar, Marie, Larsen, Janus, Møller, Eva Friis, Hansen, Per Juel, Trophic cascades of bottom-up and top-down forcing on nutrients and plankton in the Kattegat, evaluated by modelling, *Journal of Marine Systems* (2017), doi:[10.1016/j.jmarsys.2017.01.006](https://doi.org/10.1016/j.jmarsys.2017.01.006)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Trophic cascades of bottom-up and top-down forcing on nutrients and plankton in
the Kattegat, evaluated by modelling

Marcell Elo Petersen¹, Marie Maar^{1*}, Janus Larsen¹, Eva Friis Møller¹, Per Juel Hansen²

- 1) Aarhus University, Department of Bioscience, Frederiksborgvej 399, PO Box 358, 4000 Roskilde, Denmark. Janus@bios.au.dk, efm@bios.au.dk
- 2) Copenhagen University, Marine Biological Section, Strandpromenaden 5, 3000 Helsingør, Denmark, PJHansen@bio.ku.dk

*Corresponding author: Marie Maar, mam@bios.au.dk, phone +45 87158572

Keywords: eutrophication; fish predation; trophic cascades; water quality; Kattegat

Download English Version:

<https://daneshyari.com/en/article/8886040>

Download Persian Version:

<https://daneshyari.com/article/8886040>

[Daneshyari.com](https://daneshyari.com)