

Referee report for "Metos3D: A Marine Ecosystem Toolkit for Optimization and Simulation in 3-D – Part 1: Simulation Package v0.3.2"

I'd like to compliment the authors on the improvements made, in this new version the readability of the manuscript has been strongly improved and I believe my points have been addressed satisfactorily, so I'm happy to recommend it for publication taking into account these last following minor comments:

Lines 73ff: A fully coupled system includes the computation of the biogeochemical sources and sinks as well, i.e. the actual ecosystem model.

Lines 612ff: That depends on the implementation of the biogeochemical model. Some models have taken into account the preference of order of the transport schemes and operate in the same way as the transport schemes.

Line 933 compared

(All line numbers refer to the "track-change" enabled version of the manuscript.)