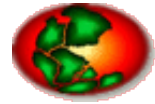




MARGO

Multiproxy Approach for the Reconstruction of the
Glacial Ocean surface



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MARGO Objectives

- i. to compile consistent "microfossil assemblage" and other proxy data sets (core tops + LGM) that will be used in a second step to reconstruct SST, sea ice, etc., based on various statistical techniques and geochemical equations;
- ii. to apply different "microfossil assemblage" - based techniques and geochemical equations to the newly compiled data sets in order to reconstruct a suite of solutions for LGM SST and $d18O(\text{water})$ on basin-wide and global scales;
- iii. the mapping of differences and similarities between the results of different SST approaches, in comparison with the $d18O$ distribution for LGM conditions.

MARGO@pangaea.de