MARGO
Multiproxy Approach for the Reconstruction of the Glacial Ocean surface

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(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.