

Interactive comment on “A model-data comparison of the Last Glacial Maximum surface temperature changes” by Akil Hossain et al.

Akil Hossain et al.

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Received and published: 7 March 2018

Dear Editor and Reviewers,

The corrected version of all figures and tables are uploaded here in supplements.
Please check it out.

Regards Akil Hossain

Please also note the supplement to this comment:

<https://www.clim-past-discuss.net/cp-2018-9/cp-2018-9-AC1-supplement.pdf>

Interactive comment on Clim. Past Discuss., <https://doi.org/10.5194/cp-2018-9>, 2018.

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Discussion paper



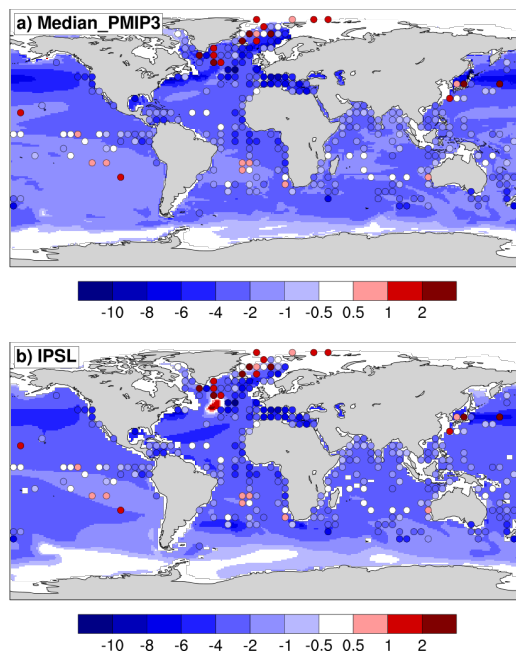


Figure 2: Global reconstructed SST trends of four proxies compared to simulated annual mean SST anomalies as calculated from the ensemble median mean of the models listed in PMIP3 (a) and IPSL-CM5A-LR (b). The colors fill of the circles show the temperature anomalies as recorded by MARGO proxy records. Background color fill: simulated global pattern of annual mean sea surface temperature changes between the LGM and PI climate.

Fig. 1. Figure 2

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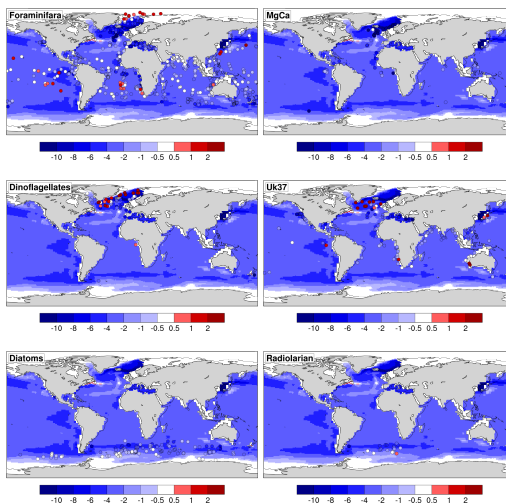


Figure 3: Global SST anomalies of the annual mean LGM LIS experiment output, and temperature trends based on planktonic foraminifera, Mg/Ca, dinocyst, alkenones (U^3_2), diatoms and radiolarian reconstructions of MARGO project. Background color fill: simulated annual mean SST changes between the Tarasov_LIS and PI. The circles localize the three different proxy records, respectively.

Fig. 2. Figure 3

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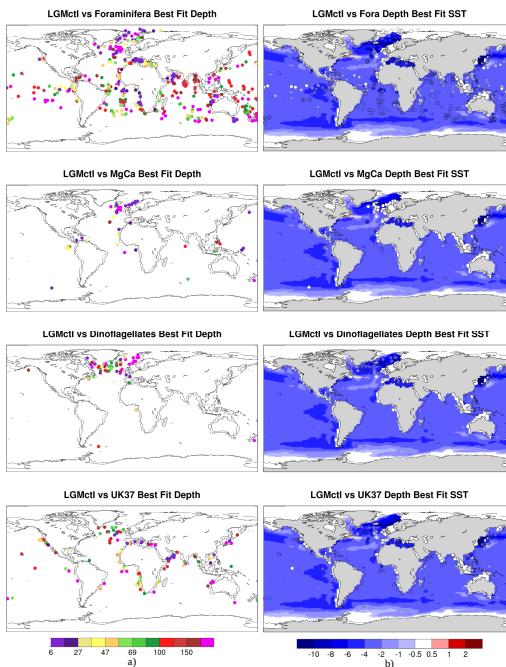


Figure 5: (a) The circles localize the foraminifera, MgCa, dinoflagellates and U^{37} records and the colors fill of the circles represent the different depth (m) mean in which the reconstruction agrees best with model. (b) Background color fill: simulated global pattern of annual mean sea surface temperature changes between the LGM and PI climate. Colors fill of the circles show the temperature change recorded by corresponding depth mean shown in (a) at the sample locations.

Fig. 3. Figure 5