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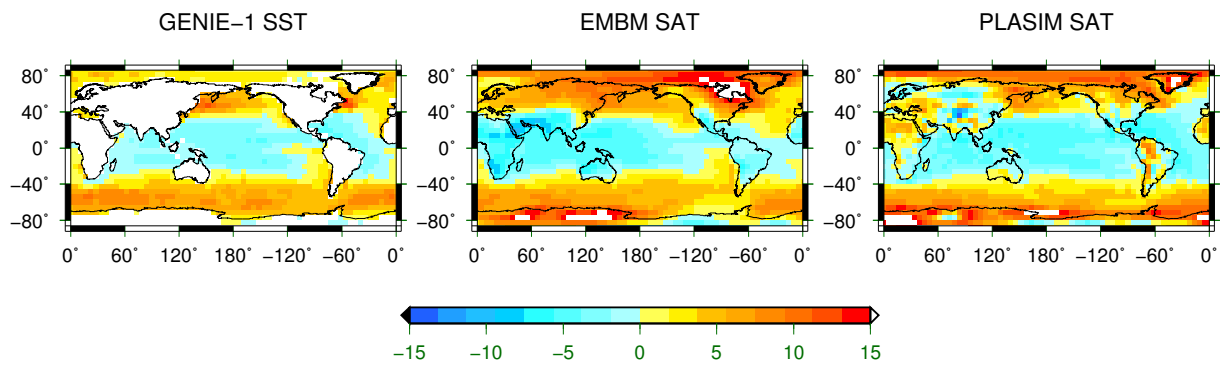
## **Building a traceable climate model hierarchy with multi-level emulators**

**G. T. Tran et al.**

*Correspondence to:* Giang T. Tran ([giang.tran@noc.soton.ac.uk](mailto:giang.tran@noc.soton.ac.uk))

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## 1 Figures



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4 Figure S1. The difference in temperatures (°C) between model runs (with modern ice sheet  
5 and CO<sub>2</sub> concentration) and observation: GENIE-1's GOLDSTEIN SST – Locarnini  
6 climatology (Locarnini et al., 2006) (left), EMBM SAT –NCEP-DOE Reanalysis 2 SAT at  
7 1000mb (Kanamitsu et al., 2002) (middle) and PLASIM SAT – NCEP-DOE Reanalysis 2  
8 SAT at 2m (right).

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