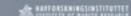


Melting of Northern Greenland during the last interglacial

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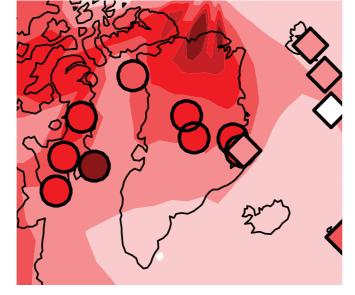
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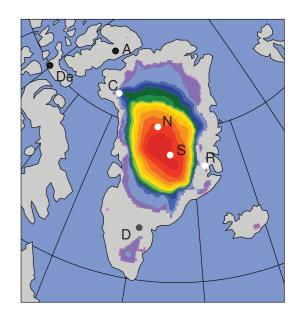


New approach to simulate past Greenland ice sheet

IPCC 2007 (Otto-Bliesner et al., Science, 2006)



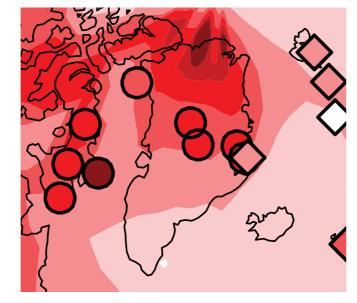
Scaled modern precipitation and temperature as forcing



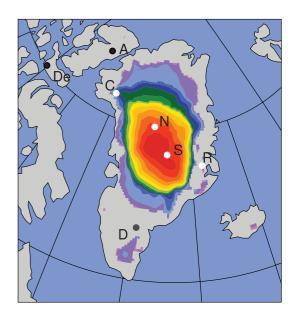


New approach to simulate past Greenland ice sheet

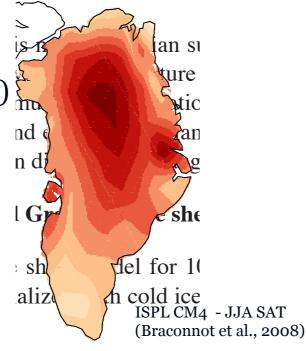
IPCC 2007 (Otto-Bliesner et al., Science, 2006)



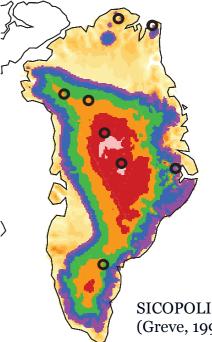
Scaled modern precipitation and temperature as forcing



This study (Born and Nisancioglu, Climate of the Past, 2012)



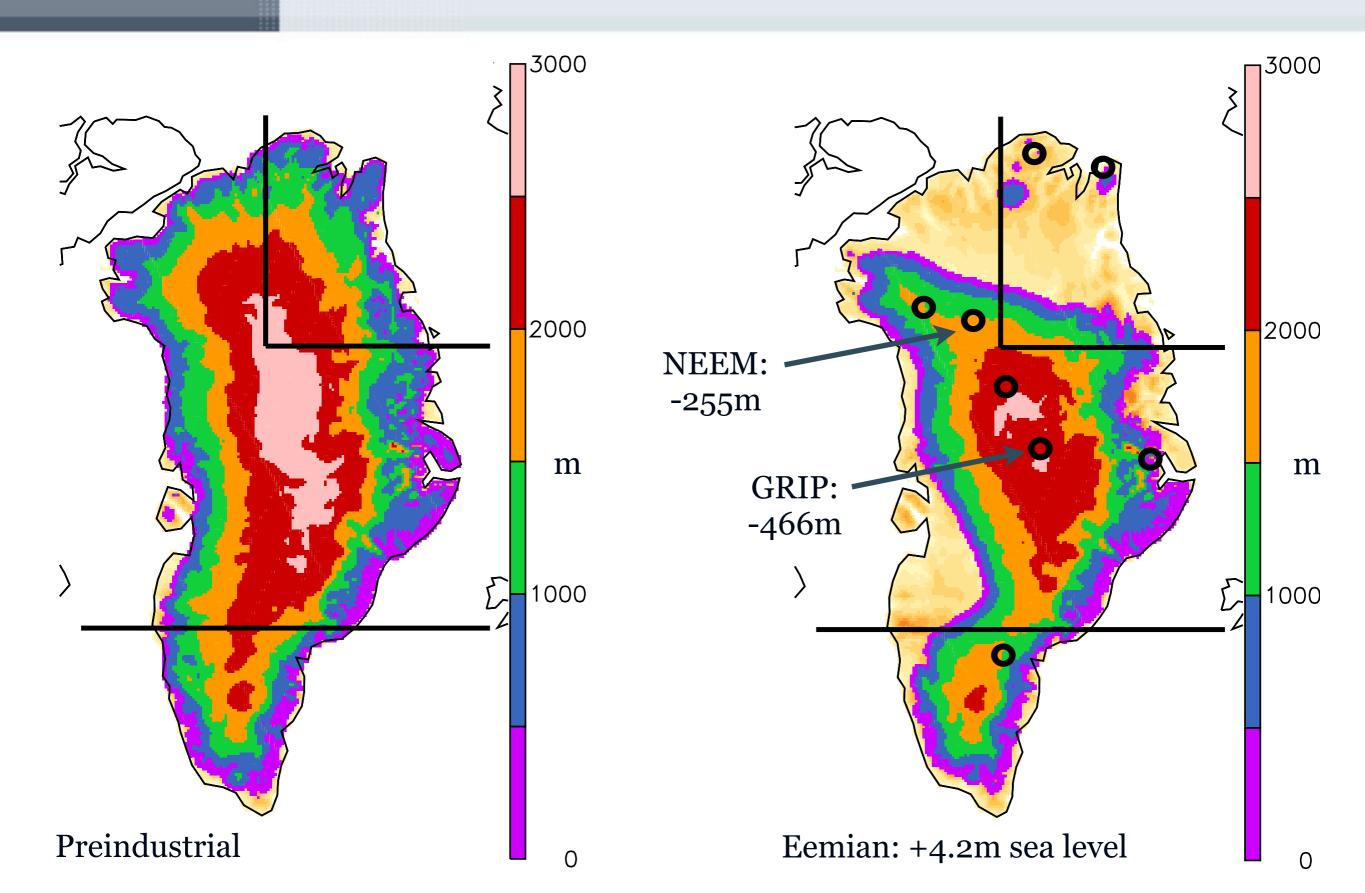
Simulated Eemian precipitation and temperature as forcing



SICOPOLIS - ice thickness (Greve, 1997)

Surface height changes

AMICS

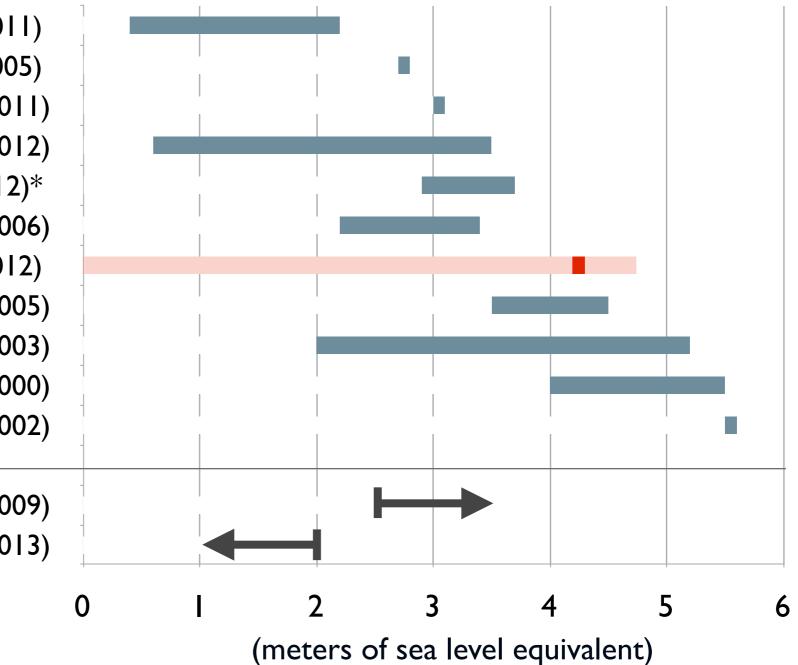




Contributions from Greenland to sea level

Robinson et al. (CP, 2011) Greve (Ann. Glac., 2005) Fyke et al., (GMD, 2011) Stone et al. (CPD, 2012) Quiquet et al. (CPD, 2012)* Otto Bliesner et al., (Science, 2006) Born & Nisancioglu (CP, 2012) Lhomme et al., (QSR, 2005) Tarasov & Peltier (JGR, 2003) Cuffey & Marshall (Nature, 2000) Huybrechts (QSR, 2002)

Kopp et al. (Science, 2009) Dahl-Jensen et al. (Nature, 2013)



ACDC "Ice-Ocean Interactions", West Greenland, August 2014

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