



GEOENGINEERING THE CLIMATE: IMPACTS AND THE DEVELOPING WORLD SUMMER SCHOOL

17-21 July 2017, Beijing, China.

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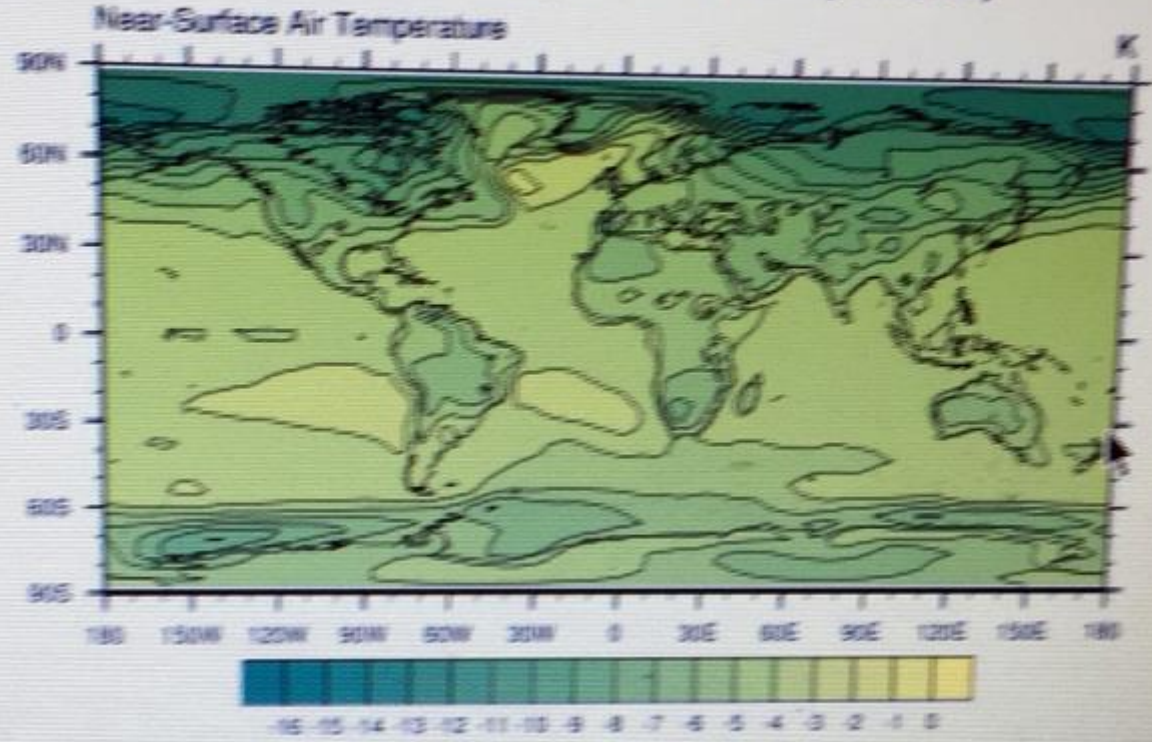
LeA International is privileged to be part of the Summer School *Geoengineering the climate: Impacts and the developing world*, jointly organized by the Joint Centre for Global Change and China Green Development. The school is hosted by the Global College of Global Change and Earth System Science (GCESS), Beijing Normal University, Beijing, China.

The school focuses on interpreting and analyzing computer simulation of Solar Radiation Measurement (SRM) from the international Geoengineering inter-comparison project (GeoMIP) consortium of 12 Earth Simulation models. SRM is the most radical, highly controversial, and rapidly developing form of geoengineering. SRM is a set of proposals to reduce the impacts of climate change by means such as sulphate aerosol injection or marine cloud brightening.

The school also investigates social and ethical aspects of SRM. The GeoMIP simulation and data are from large computer systems that are not available in developing countries and inaccessible with typical internet speeds. The school equips researchers with the state of the art simulation results on geoengineering. Lecturers for the summer school came from Harvard University, Cornell University (USA), Beijing Normal University, Zhe Jiang University (China), Tokyo University (Japan), and Potsdam Institute (Germany). More than 30 geoengineering researchers from China, United States, Philippines, Bangladesh, Germany, New Zealand, India, Mali, United Kingdom, and Japan attended the week-long school.

The graphic on the next page shows the output from the modeling exercise conducted as part of the workshop.

Cooling effects (G1 minus abrupt4xCO2)



Cooling effects (G4 minus rcp45)

