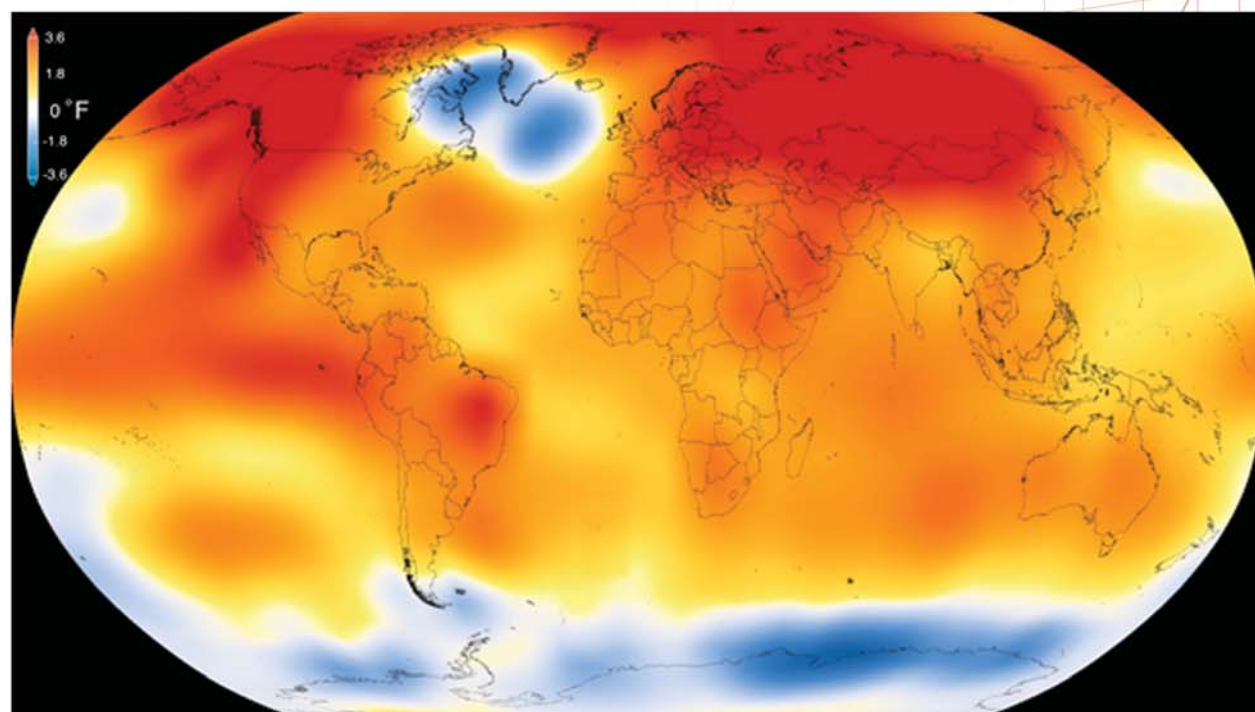




CLIMATE MODELLING AND ENERGY TECHNOLOGICAL SIMULATION IN BUILDINGS

Master Degree Course: ICT in building design



2015 Global Temperatures (NASA/NOAA; 20 January 2016)

A bioclimatic approach to architecture connects directly local climate to the critical choices characterising the architectural, technological, and environmental design process. Hence, in a climate change scenario, the need for precise and local defined climate models is an essential issue. The invited lecture of Jost von Hardenberg, internationally recognised expert in atmospheric physics, will introduce the principal climate modelling techniques at different scales, while G. Chiesa will discuss on typical meteorological data used for technological and energy simulations.

16:00 | Introduction – professor Mario GROSSO, Politecnico di Torino, DAD

16:10 | Climate modelling from global to local scales - dr. Jost VON HARDENBERG, Institute of Atmospheric Sciences and Climate, Consiglio Nazionale delle Ricerche (ISAC-CNR)

17:40 | Break

17:50 | TMY data sources, climate trends & their influence on energy simulation and environmental technological design – dr. Giacomo Chiesa, Politecnico di Torino, DAD

18:50 | Conclusions – prof. Mario Grosso, Politecnico di Torino, DAD

lunedì 6 novembre 2017
ore 16:00 - Sala della Caccia
Castello del Valentino
viale Pier Andrea Mattioli, 39 - 10125 Torino

Info e contatti
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Event

Climate modelling and energy / technological simulation in building
Master Degree Course: ICT in building design / conference