

GLOBE

Kevin Czajkowski



Play the Game



American Geophysical Union Meeting 2007



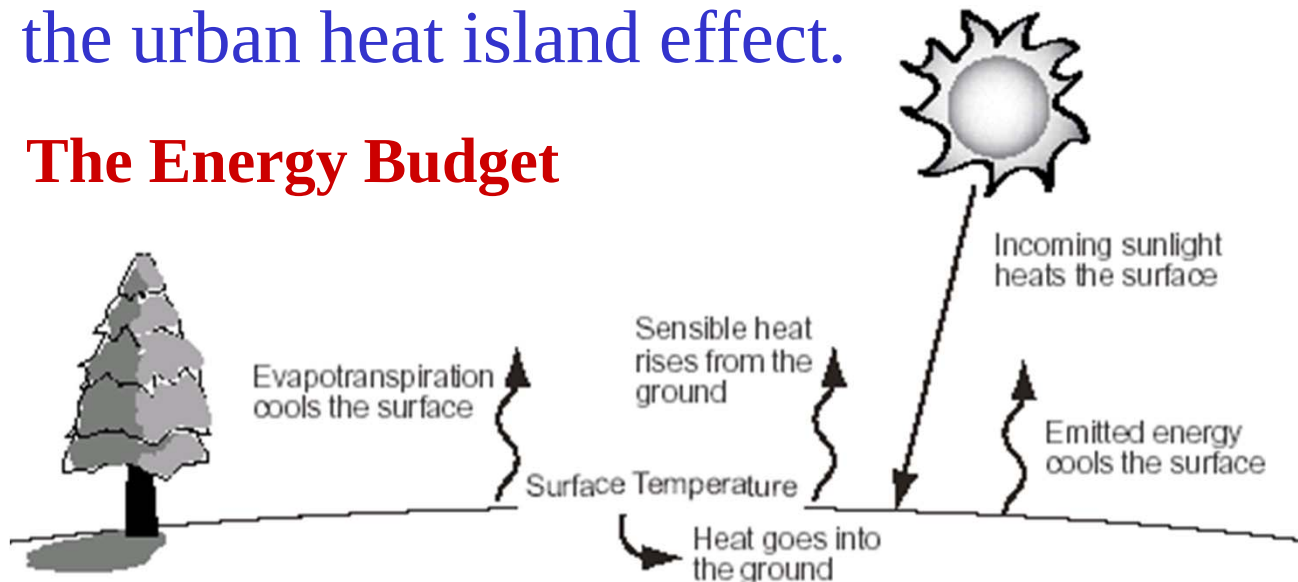
Detroit Public School Student White House Science Fair, 2012



Why do We Measure Surface Temperature?

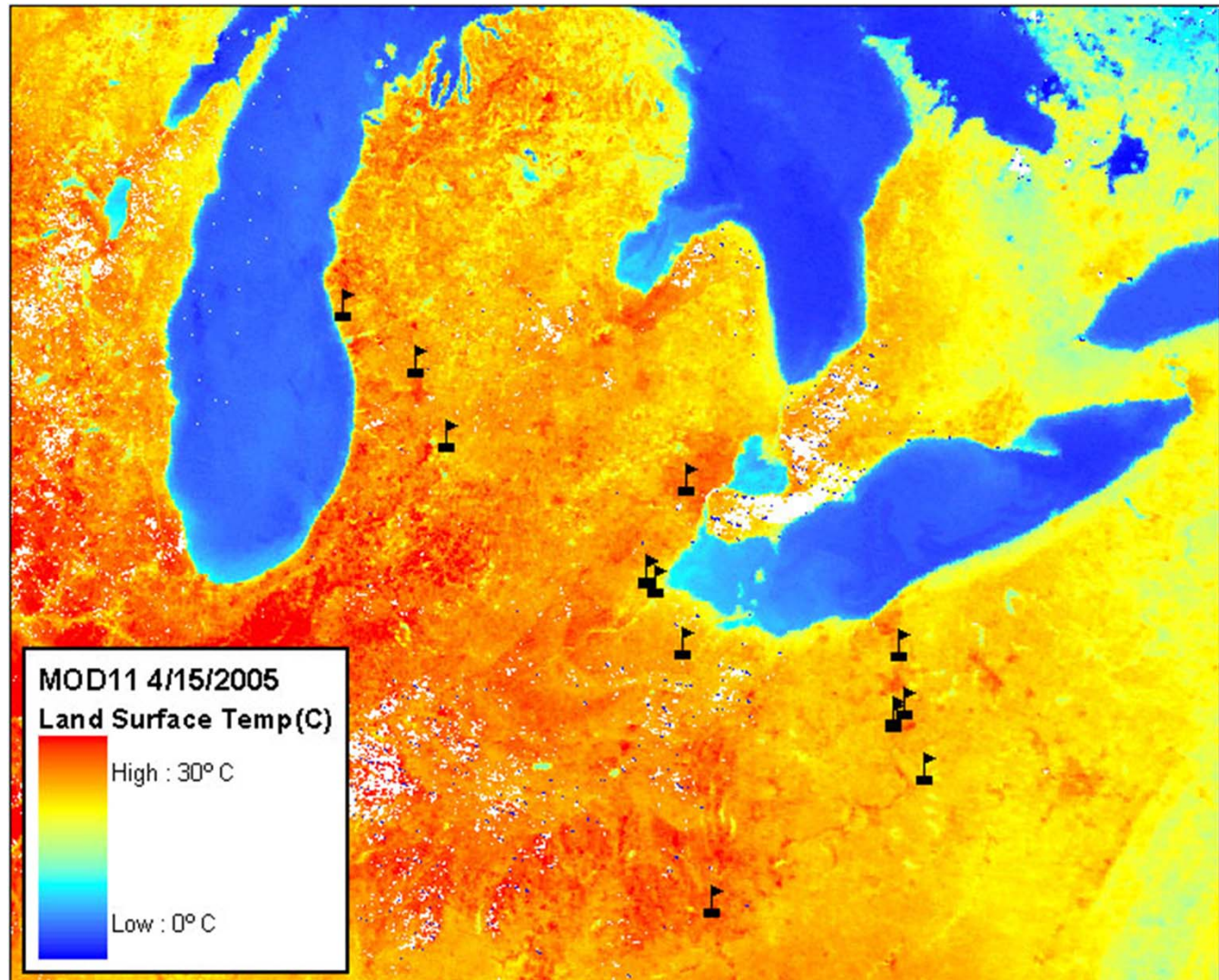
- To help us understand the influences on the rate of heat exchange between the Earth's surface and the atmosphere. This impacts the weather and climate and can help us understand Global Warming and the urban heat island effect.

The Energy Budget



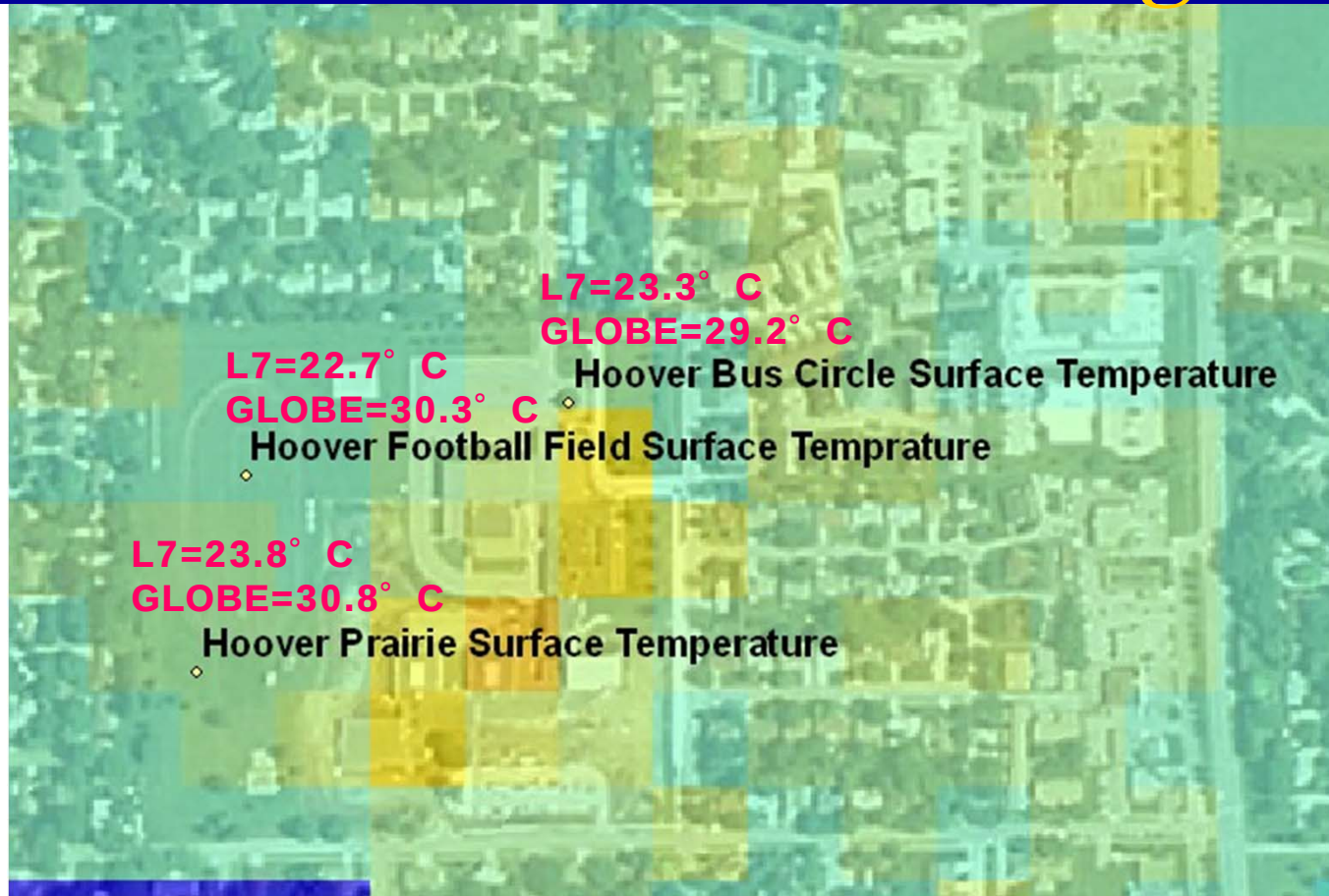
How accurate are estimations of surface temperature from satellites?

MOD11 Surface
Temperature
Image with
GLOBE Ts
Schools, April 15,
2005

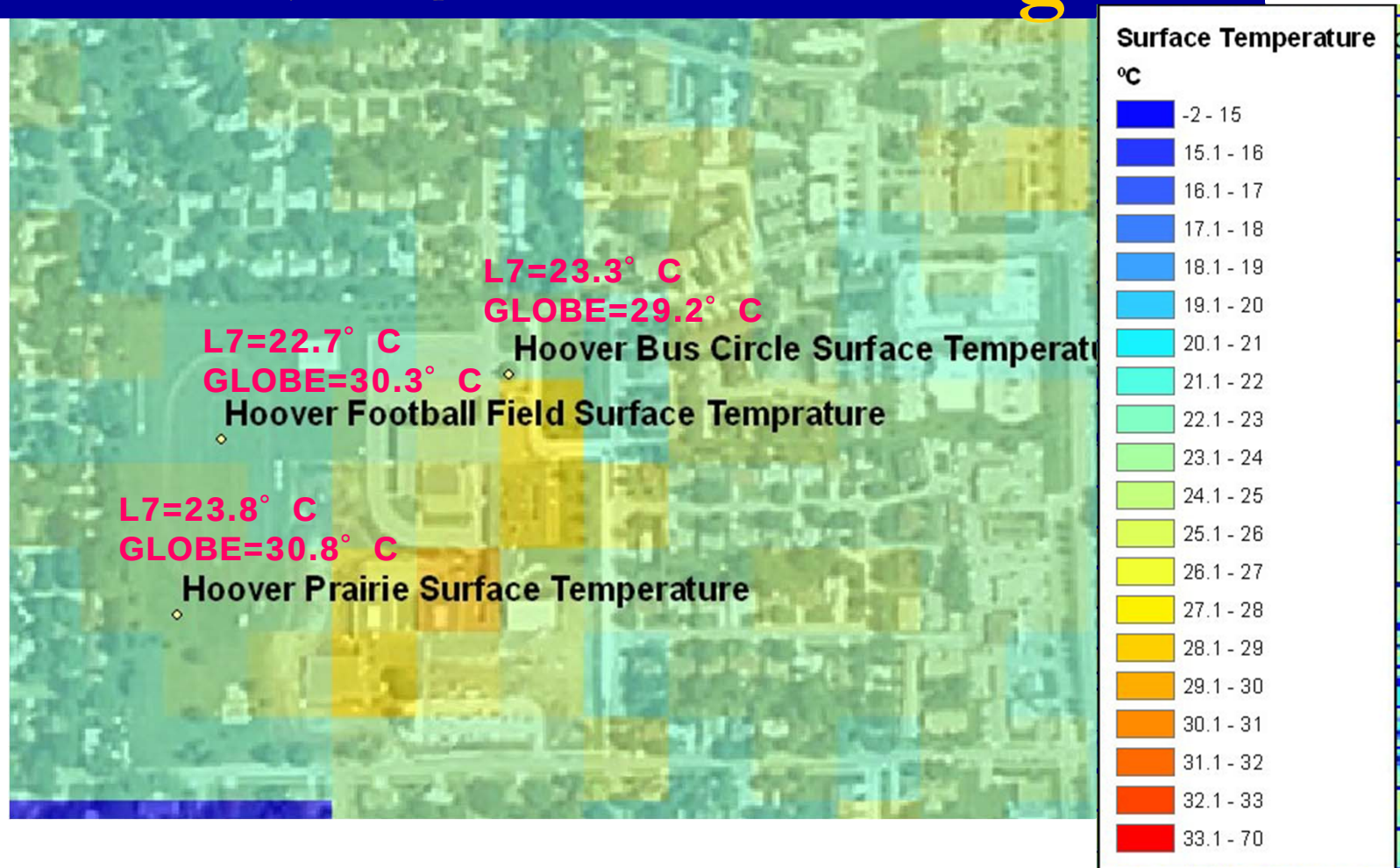


•Image from the Institute for Computational Earth System Science(ICESS), University of California, Santa Barbara, Zhengming Wan, Product PI

Surface Temperature with the Landsat7 Thermal Image



Surface Temperature with the Landsat7 Thermal Image



Play the Game



Play the Game = Do Science

