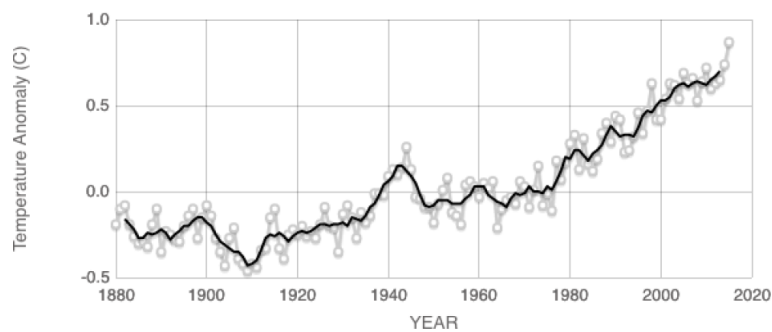


# Proposal

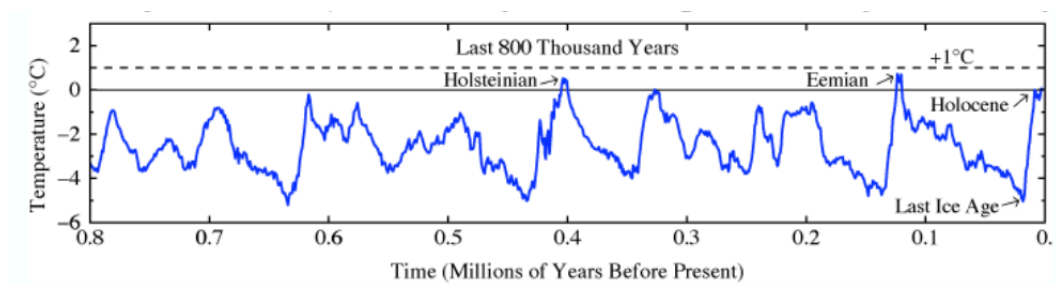
*Steven Shen*

## 1 Statement of the Problem

Does the temperature Rise abnormally compared with the past cyclical temperature rising?  
Is CO<sub>2</sub> the Main Cause?  
Has there been a 'pause' in global warming?



Source: climate.nasa.gov



## 2 Review of Previous Work

There has been ferocious dabates on this problem. The major two are the 'warmer' and the 'lukewarmer'.

Supporters of the 'warmer' and 'lukewarmer' views tend to favour different global temperature datasets, which show different temperature trends in recent years. A

favourite of the warmers is NASA' s GISS data, whose land-ocean version combines land temperature observations with sea surface temperature data. This data set was recently revised, with the new version showing a larger upward trend in temperature in recent years. The lukewarmers tend to favour the UAH data from satellite observations, also recently revised, with the new version showing a lower trend than before.

### **3 Description of Data**

see “./data/log.txt“