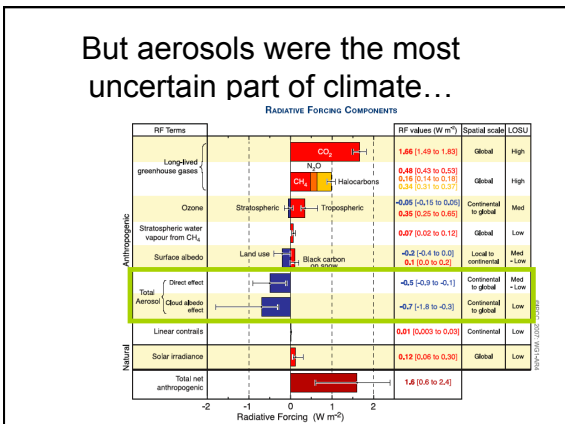
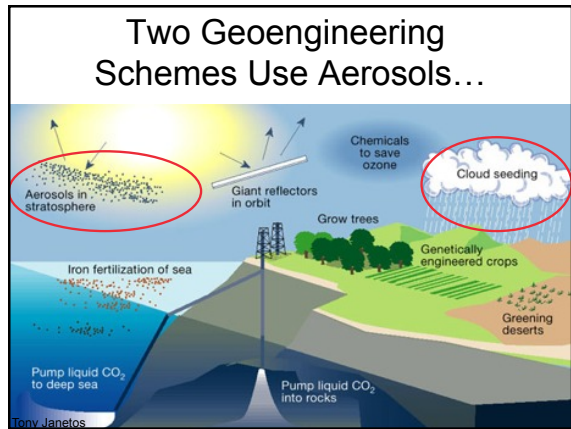


## Can We Engineer the Climate?



### What is GeoEngineering?

- Intentional modification of the Earth system
  - Typically: Method to offset GHG warming by means other than reducing GHG emissions
    - usually at net \$ cost but equivalent CO2 savings
- How do we do this?



### Will Aerosol Particles Prevent Global Warming? Conclusions

Aerosol particles do cool the Earth, and they are offsetting some greenhouse warming.

But we cannot use particles for geo-engineering until we understand their effects.