

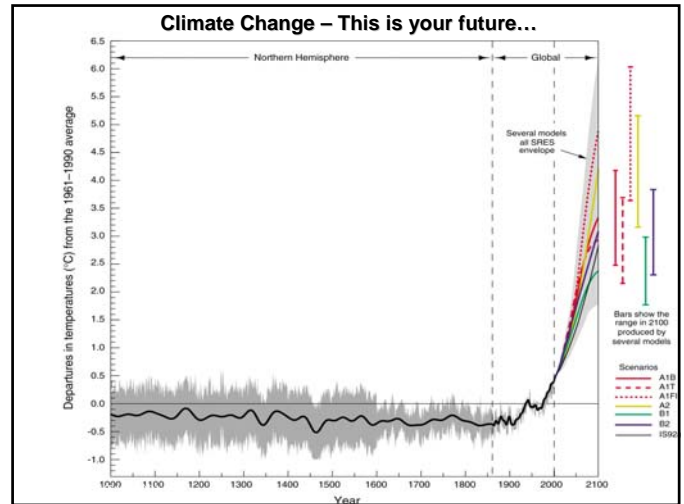
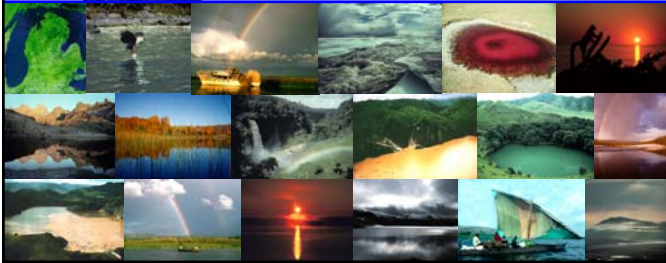
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Teaching:

*Global Change (Bio 110)*  
*Ecosystem Ecology (EEB 476)*  
*Limnology (study of lakes; EEB 483)*

Research:

*Aquatic Ecosystems*  
*Impacts of Climate Change*  
*Biogeochemistry*  
 - Arctic, Africa, Michigan



## My Themes

- Global change on our planet can only be understood by combining "abiotic" and "biotic" components - *must look at the whole Ecosystem*
- *A combination of facts and scientific concepts can help us understand even the most complicated problems*
- Science is *NOT* hard, and everyone can and *MUST* learn enough to make rational decisions about our world's future

## Possible Projects

- The "missing sink" - Where did all the CO<sub>2</sub> go?
- **Microbes rule, Humans drool**
- Does the rainforest really matter?
- The day the Earth turned brown and blue - The limits to food production
- Who's doing who? Climate skeptics and the use and misuse of Science facts
- Who needs more ice? Melting the Earth's glaciers (a.k.a. "Water World 2050", starring B. van der Pluijm as K. Costner...)
- WWF Climate 2007 "rage in the cage" - People vs. Nature
- **Abrupt climate change - can El Nino's run wild?**
- Whatcha gonna do when the rain don't come - Shifts in the Global water cycle