## Climate change: facts and myths

Prof. Myles Allen, Universität Oxford, Oxford, UK Prof. Hans von Storch, Institut für Küstenforschung, Geesthacht, DE Moderation: Prof. Lars-Erik Cederman, ETH Zürich

This debate about climate change was hold on the "Day of Teaching" under the umbrella of the 150-years ETH celebration. The purpose of the event was to demonstrate the pedagogical value of public debates in academic life. We have chosen to organize a debate on climate change because it is a topic that is not only scientifically contested but also of profound societal relevance.

ETH Zürich, Switzerland, http://www.ethz.ch

Tag der Lehre / Day of Teaching November 14, 2005

#### **Climate Change: Facts and Myths**

#### **Myles Allen**

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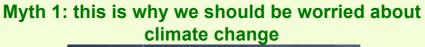
### Fact: we understand most of what is going on, and enough to know what to do about it

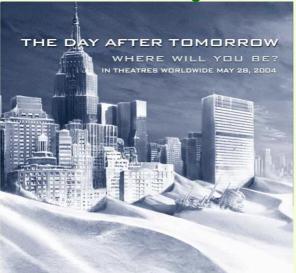
- Climate change is predictable.
- Our current models are up to the job of predicting it.
- We understand current trends surprisingly well.
- The most serious impacts of climate change are also predictable and surprisingly well understood.
- The Big Myth: climate change is Your Fault, and solving it requires You to Mend Your Ways.



Oxford University





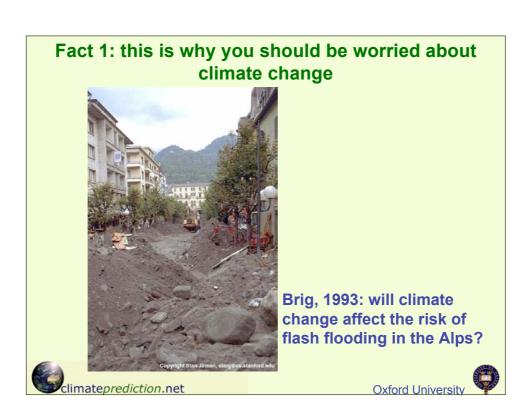


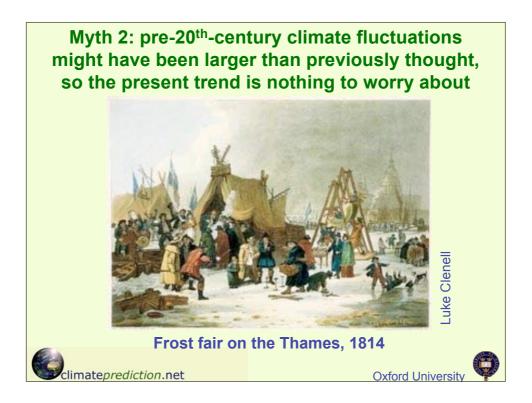


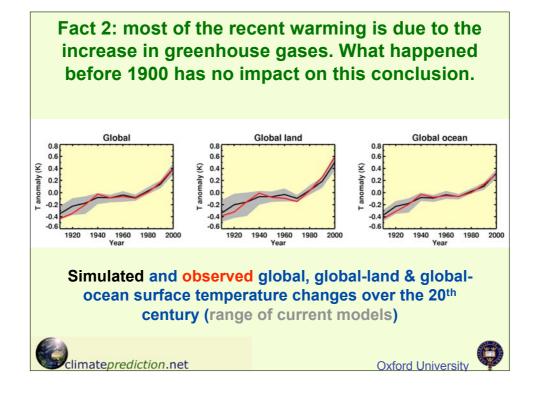
Oxford University

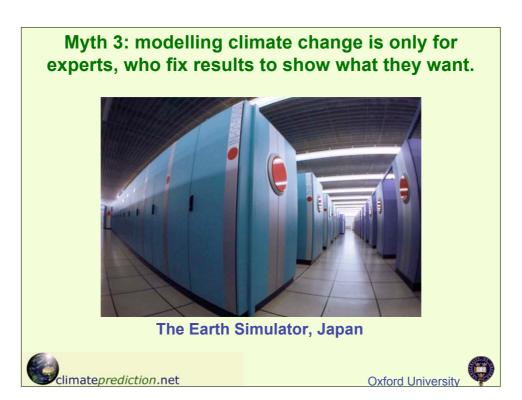


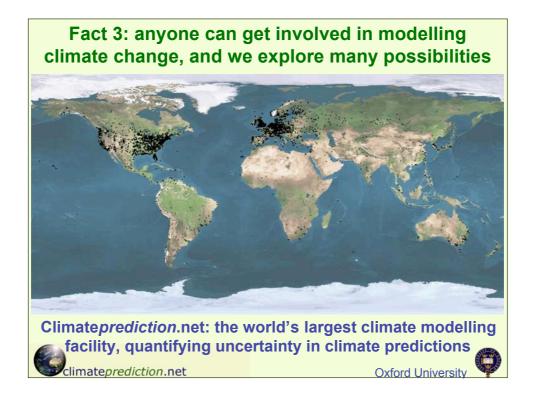


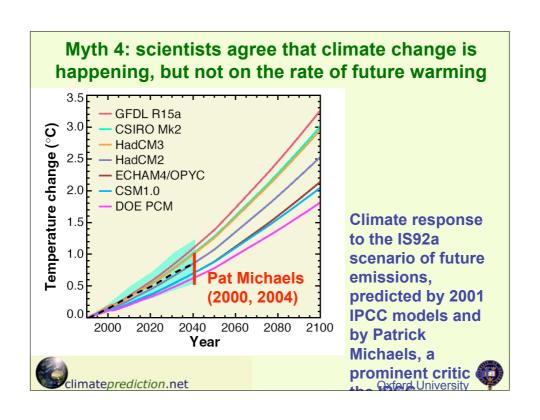


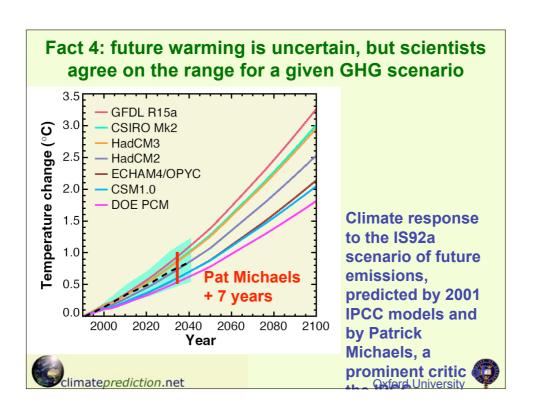


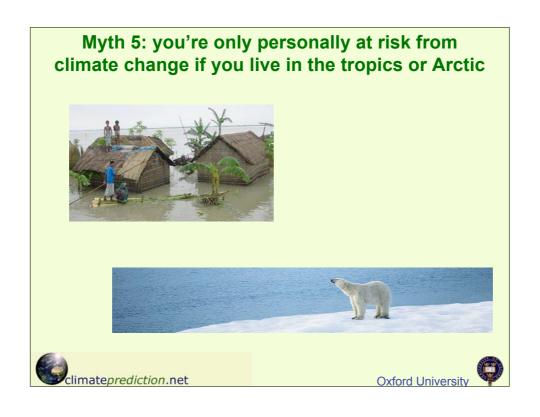


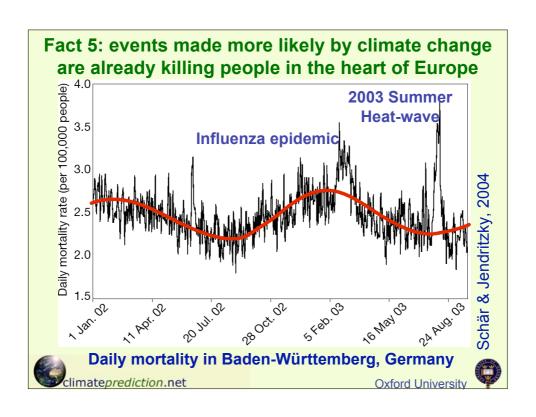


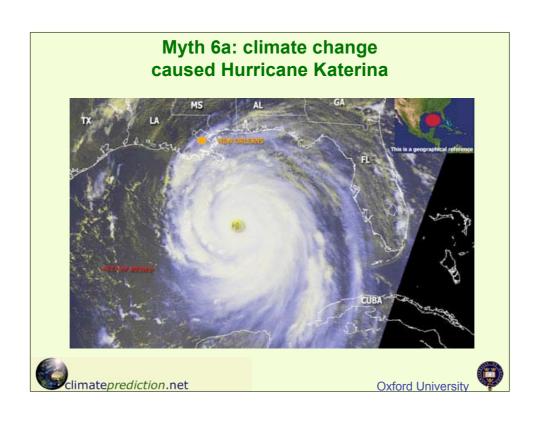


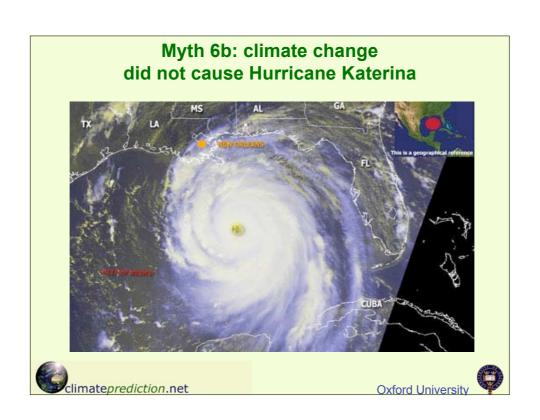


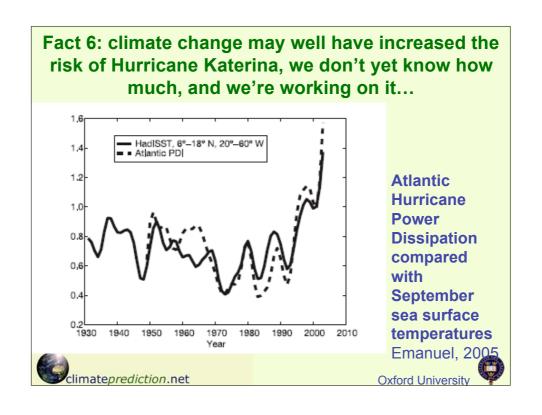


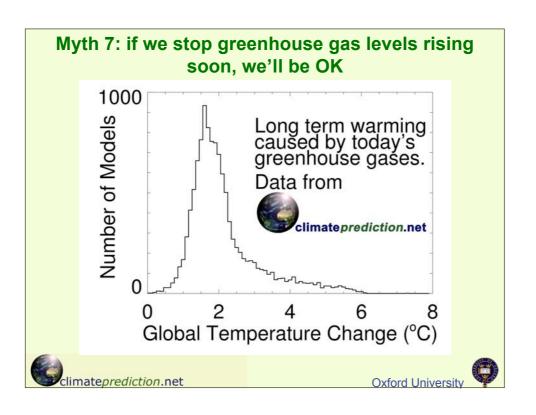


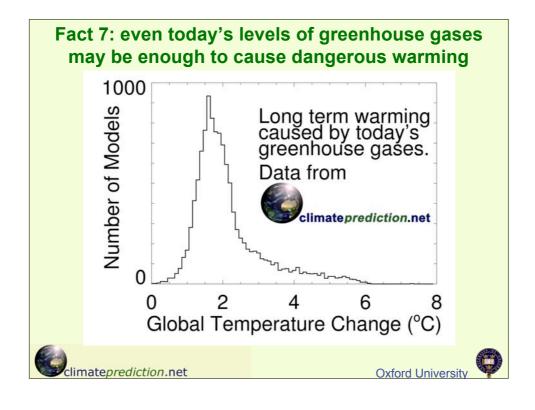












# Myth 8: "Solving climate change requires a fundamental change in the way we live and interact with each other and the world"

- This is the Big Myth: Everyone wants it to be true.
- Environmentalists want us to believe we need to change the way we live.
- Fossil fuel companies want us to fear the solution will hurt (so we put it off as long as possible).
- Anti-Capitalists want us to believe it is Proof of the Failure of Capitalism.
- The strange thing is, it isn't true.



