

Models

- Questions?
- What about uncertainty?
 - Models may have different average states
 - Want to model *climate change*

What happened in the 20th century and why

- Six years after the IPCC First Assessment we see that there is discernable evidence that humans have influenced climate
- Instrumental record and internal variability from models
 - Very unlikely that warming is due to internal variability alone
- Natural and human forcing give the result we expect
 - Without human forcing only the first half of the 20th century looks correct

