

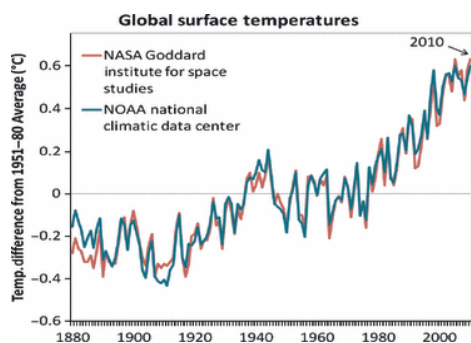
LS 2X03 - Lecture 5 – Climate Change and Human Health

1. Earth's Future Climate
2. Links between GHG emissions, climate change, and health
3. Environmental Health Risks
4. Reducing the Impacts of Climate Change

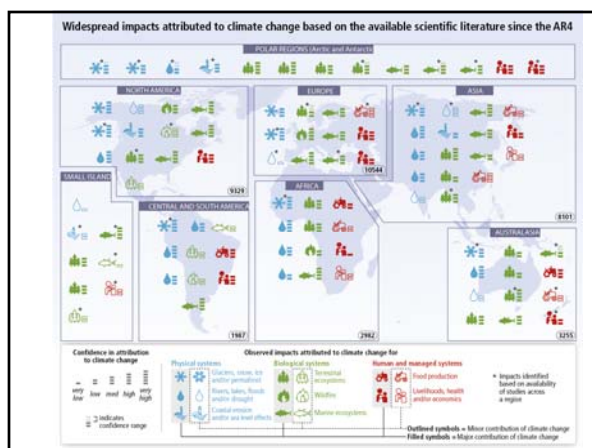
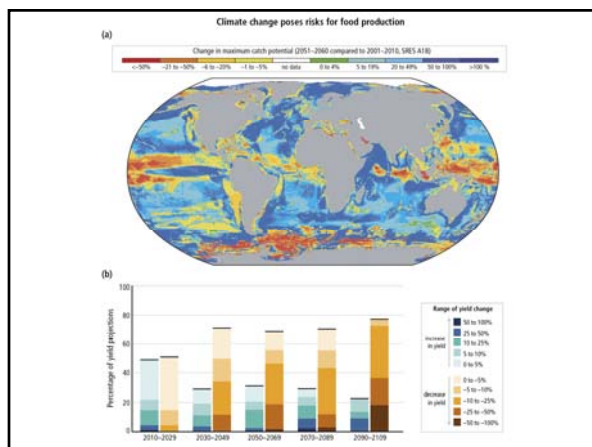
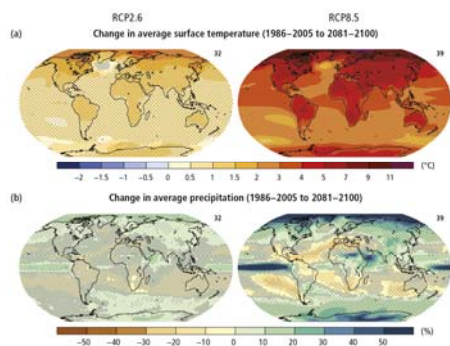
Key Concepts

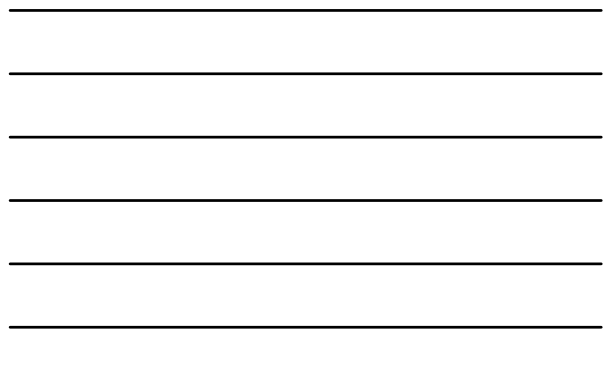
- Differences in Climate Projections
- Direct vs Indirect Health Impacts
- Difference between verifiable outcomes and models
- Potential health benefits from action and mitigation

Climate Trends

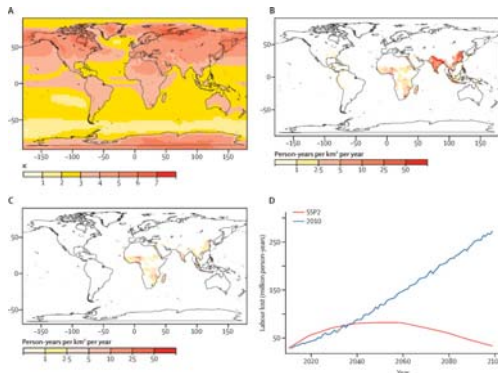


1. Earth's Future Climate

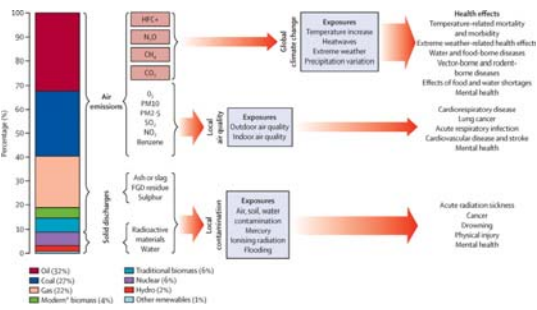




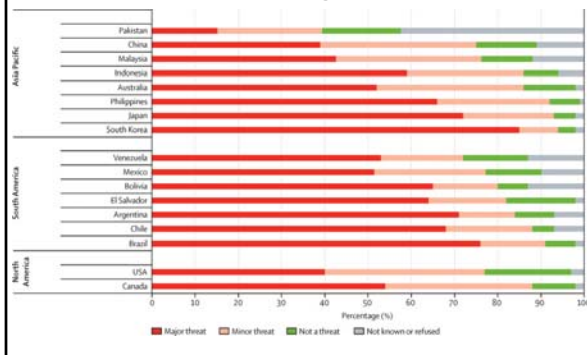
Impact on Outdoor Labour



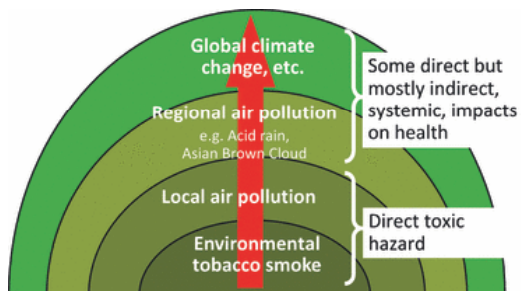
Global Energy System and Health Impacts



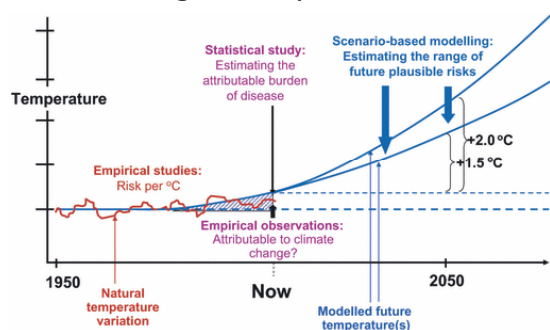
Perceptions of the Threat of Climate Change



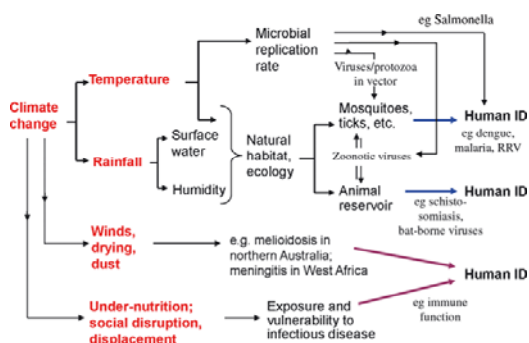
3. Environmental Health Risks



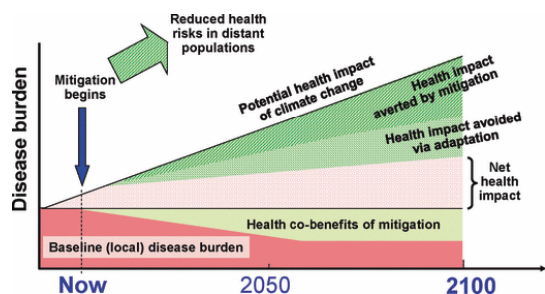
Forecasting the Impacts on Health



Climate Change and Infectious Diseases



4. Reducing the Impacts of Climate Change



Mitigation, Actions and Health

In the picture;

• Red Arrows:

• Green Arrows:



End of Lecture Question

1. What could be done to make our Health Care systems "smarter" in the face of climate change?

•

End of Lecture Question

1. What could be done to make our Health Care systems "smarter" in the face of climate change?

•

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Conclusion

- Climate change is having and will continue to have widespread impacts on ecosystems
- These impacts are directly and indirectly linked to impacts on human health and human well-being
- The mitigation of these impacts requires an accurate understanding of the linkages between causes, and also forecasting of these impacts

TO DO!

1. For next Lecture: read Article 5
 2. Tutorials this week: Outline of Term Paper + Group Discussion
- Bring Term Paper Outline Review Grid (will be posted on A2L)
 - Bring Discussion Worksheet (will be posted on A2L)
