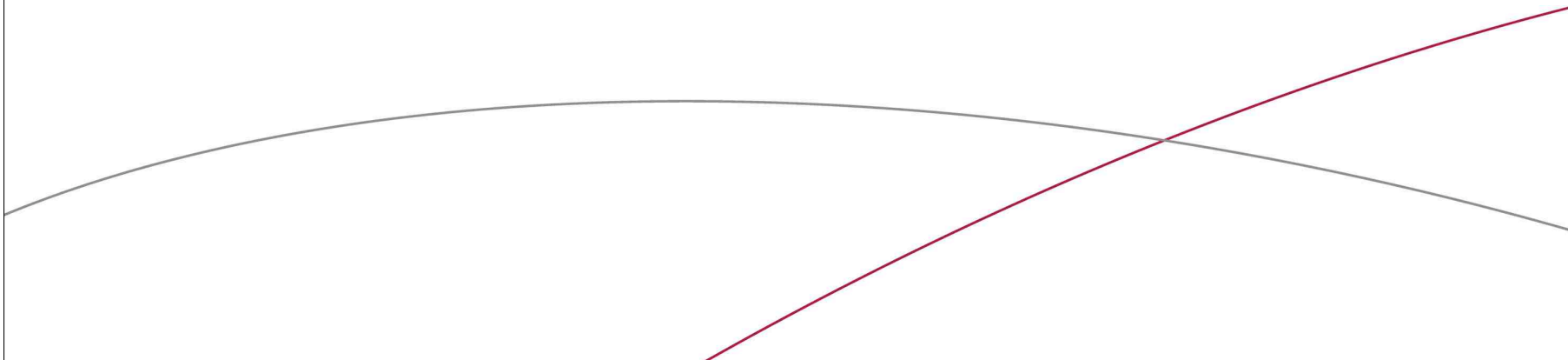


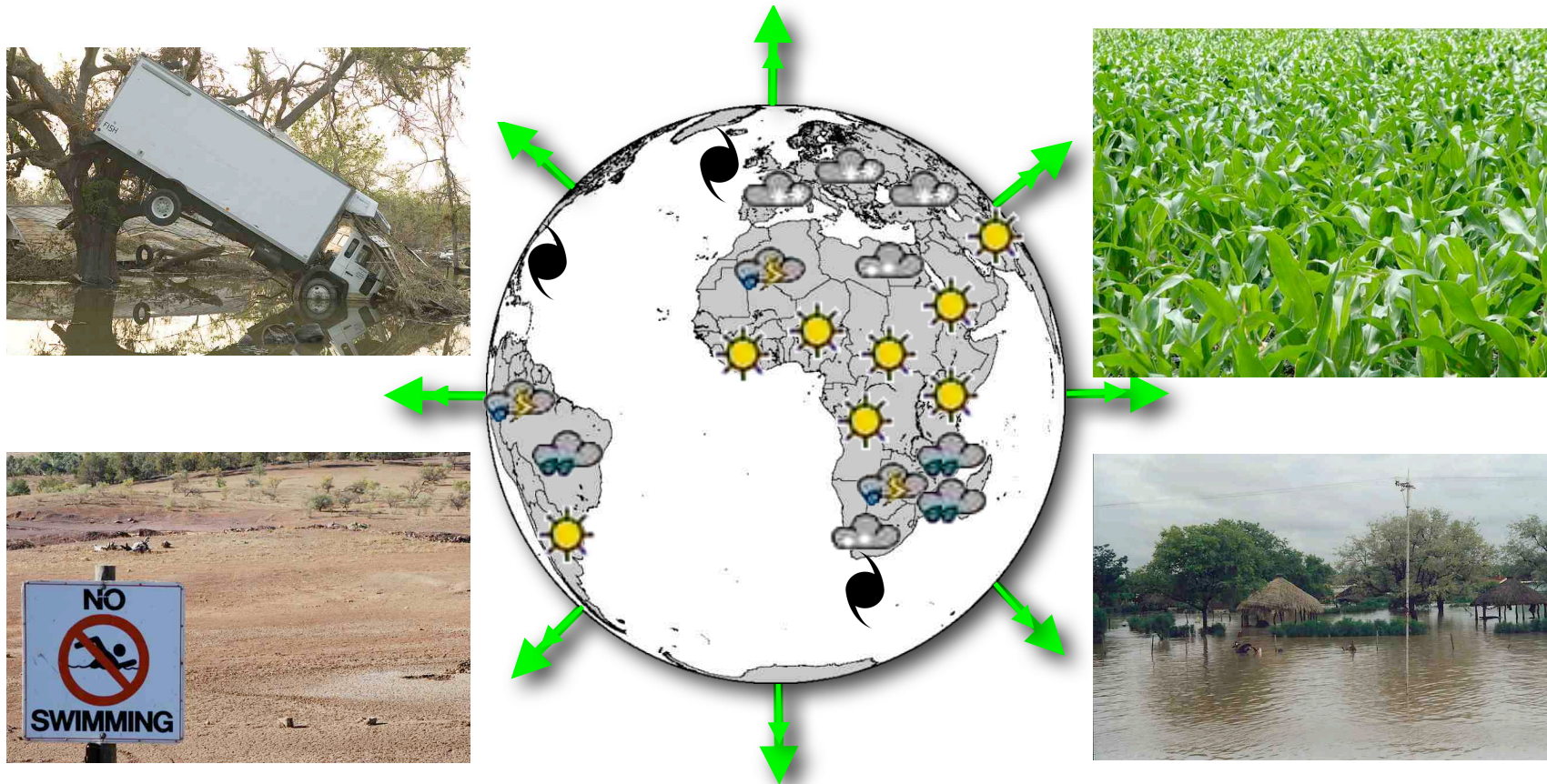
Pat Reid Annual Lecture 2009: Climate Change Adaptation: old wine in new bottle?

Per Becker
Lund University



Framing Climate Change Adaptation

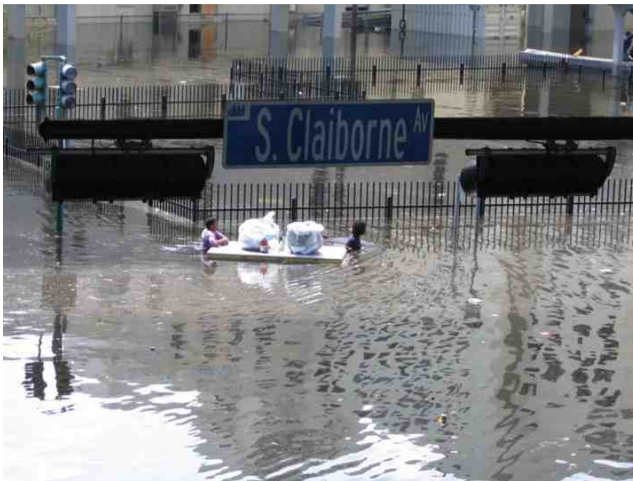
Climate Change Adaptation



Framing Climate Change Adaptation

Climate Change Adaptation

“Adjustment in natural or human systems in response to actual or expected climatic stimuli or their effects, which moderates harm or exploits beneficial opportunities”



Parry M.L., Canziani O.F., Palutikof J.P., van der Linden P.J. & Hanson C.E. (eds.) 2007. *Climate change 2007: impacts, adaptation and vulnerability*. Contribution of Working Group II to the fourth assessment report of the Intergovernmental Panel on Climate Change. Cambridge: Cambridge University Press.

Framing Climate Change Adaptation

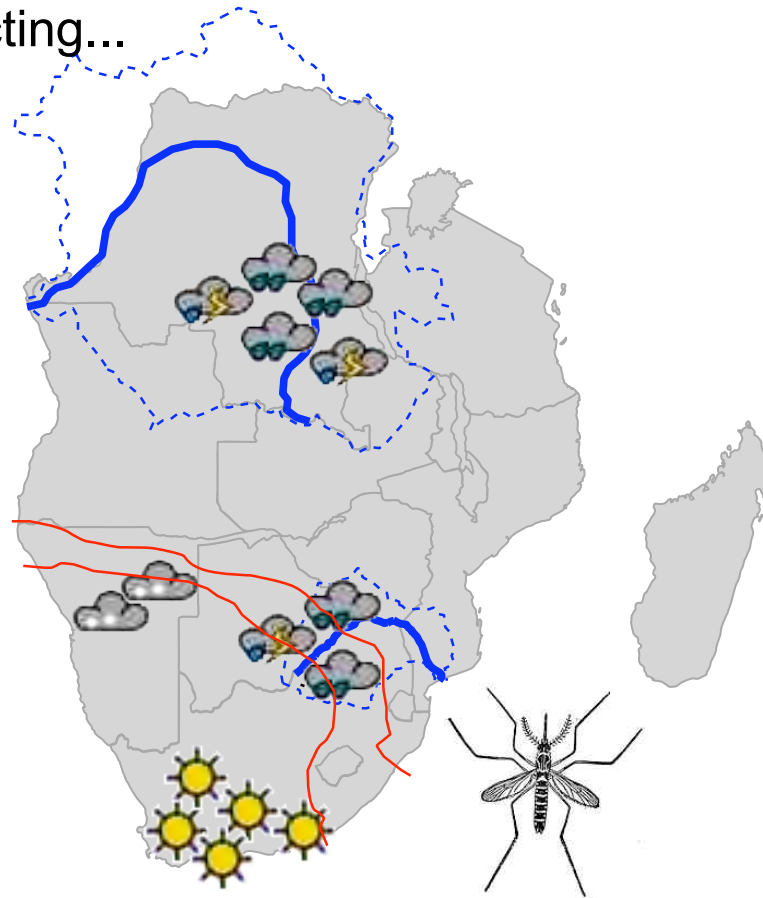
Key misunderstandings in policy and practice:

- Climate Change is a hazard in itself
- Climate Change Adaptation is something novel and distinct

Climate Change as a hazard in itself

Climate Change is not a hazard in itself, but a process of change affecting...

... hydro-meteorological and biological hazards that threaten what humans value



Climate Change as a hazard in itself

Climate Change is not a hazard in itself, but a process of change affecting...

...the vulnerability of what humans value to the impact of hazards



Social and cultural profile

Political profile

Economical profile

Physical and environmental profile



Climate Change as a hazard in itself

Climate Change is not a hazard in itself, but a process of change affecting...

...the capacity of individuals, communities and societies to manage risk



Risk Assessment

Prevention and Mitigation
(risk reduction)

Preparedness

Response

Recovery



Climate Change as a hazard in itself

In short:

1. Changing climate = changing risk
2. Changing climate = past statistics not suitable anymore when assessing risk

Climate Change Adaptation as something novel and distinct

Adaptation

“Adjustment in natural or human systems in response to actual or expected climatic stimuli or their effects, which moderates harm or ~~exploits beneficial opportunities~~” (Parry et al. 2007).

So what do you do in disaster risk management?

Parry M.L., Canziani O.F., Palutikof J.P., van der Linden P.J. & Hanson C.E. (eds.) 2007. *Climate change 2007: impacts, adaptation and vulnerability*. Contribution of Working Group II to the fourth assessment report of the Intergovernmental Panel on Climate Change. Cambridge: Cambridge University Press.

Climate Change Adaptation as something novel and distinct

Adaptation assessment

“The practice of identifying options to adapt to climate change and evaluating them in terms of criteria such as availability, benefits, costs, effectiveness, efficiency and feasibility” (Parry et al. 2007).

So what do you do in disaster risk management?

Parry M.L., Canziani O.F., Palutikof J.P., van der Linden P.J. & Hanson C.E. (eds.) 2007. *Climate change 2007: impacts, adaptation and vulnerability*. Contribution of Working Group II to the fourth assessment report of the Intergovernmental Panel on Climate Change. Cambridge: Cambridge University Press.

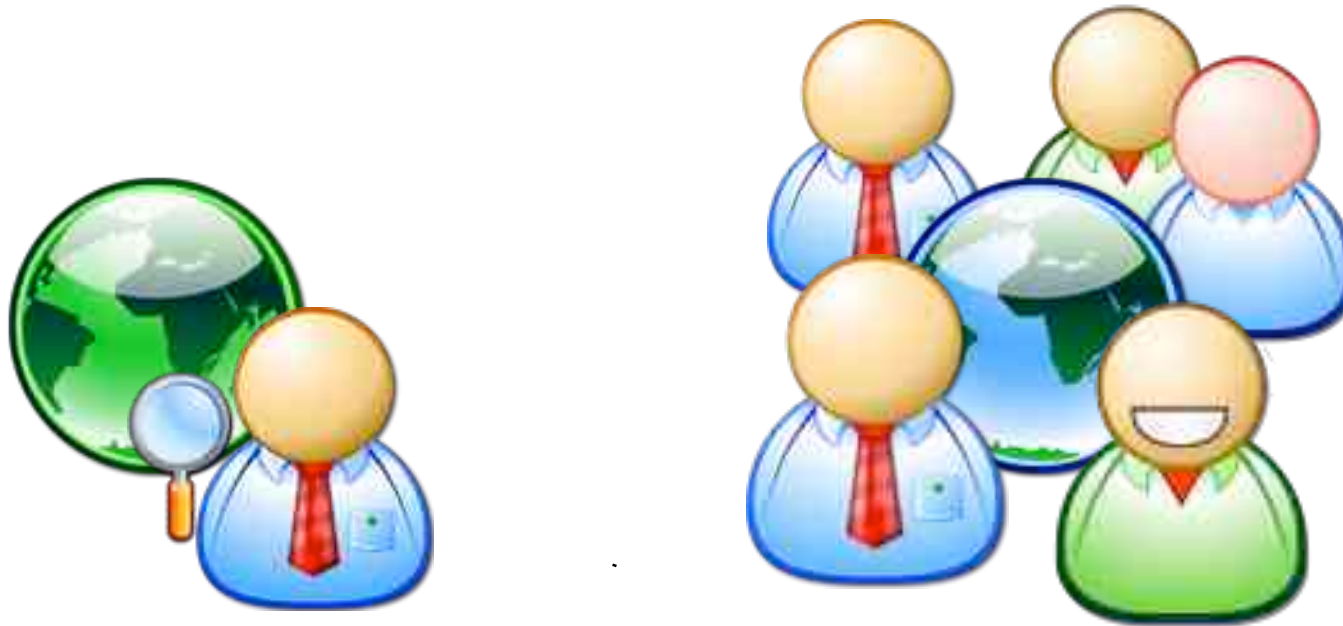
Climate Change Adaptation as something novel and distinct

In short:

1. Climate Change Adaptation in response to potential harm is nothing novel and distinct, it is disaster risk management with a twist

Old wine in new bottle

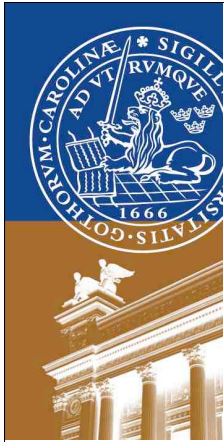
Problem:



Old wine in new bottle

Summary:

- Climate Change Adaptation in response to potential harm is an old wine in a new bottle
- Climate Change is a process of change that affects risk and our ways of managing risk. Hence, all disaster risk management efforts must take into consideration a changing climate



Thank you!

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