

Analysis and risk management of overshoot futures

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1 August 2013

	What policymakers are asking
Can the scientific community provides answers?	
Yes	Focus of research & assessment
No	Research agenda

	What policymakers are asking	What policymakers are not asking
Can the scientific community provides answers?		
Yes	Focus of research & assessment	Should be making policymakers aware
No	Research agenda	Emerging issues

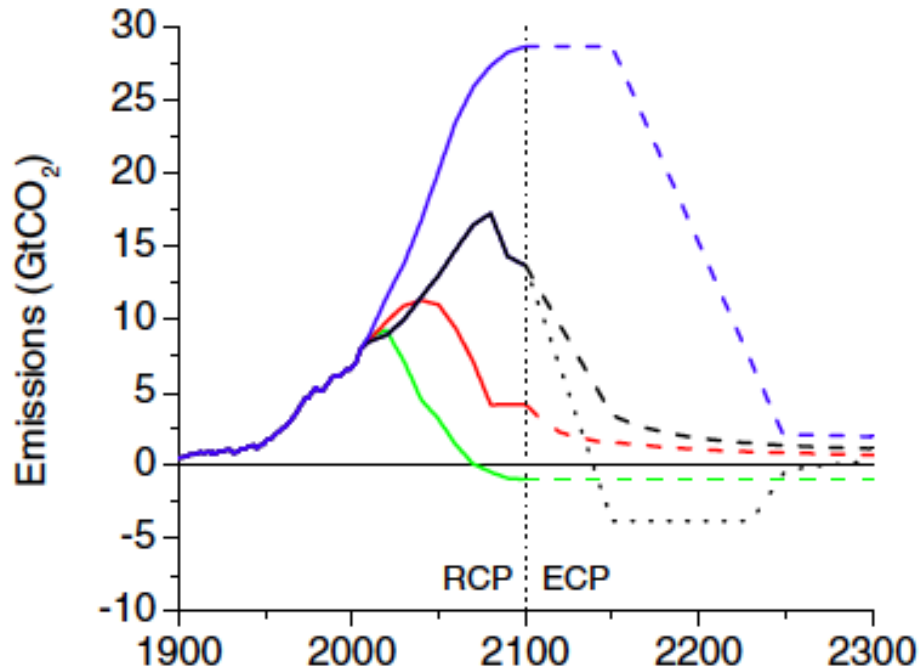
Why Overshoots

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© 2005

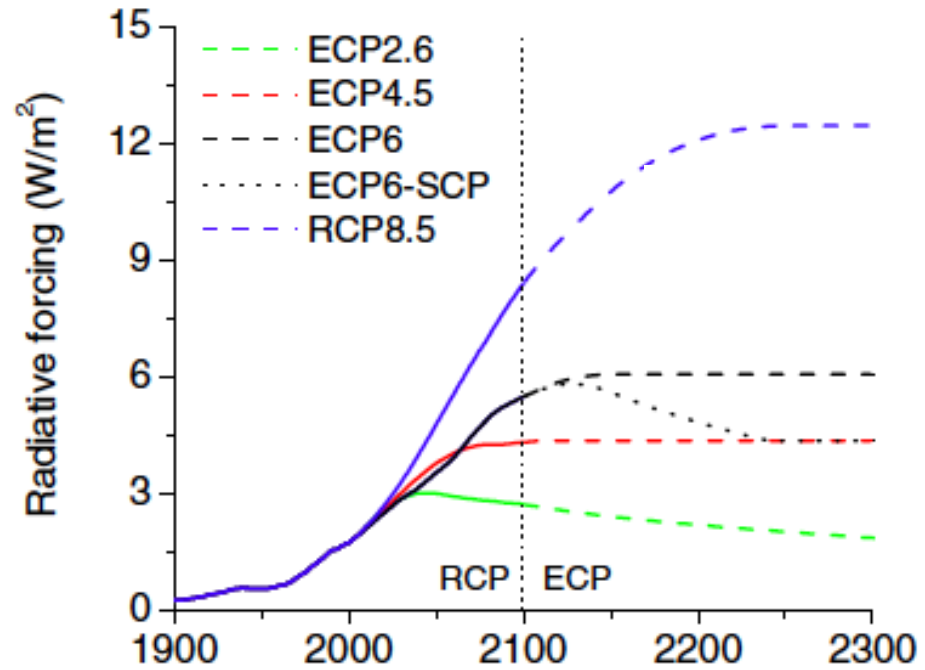
GAME OF CHICKEN.



Emissions



Radiative Forcing



- **For long-term CMIP experiments, an extension of each RCP was produced using a simple climate model (MAGICC)**
- **These are not IAM results and do not have underlying socioeconomic assumptions**
- **Assume static land use post-2100**
- **Designed in consultation with CMIP and IAV representatives**

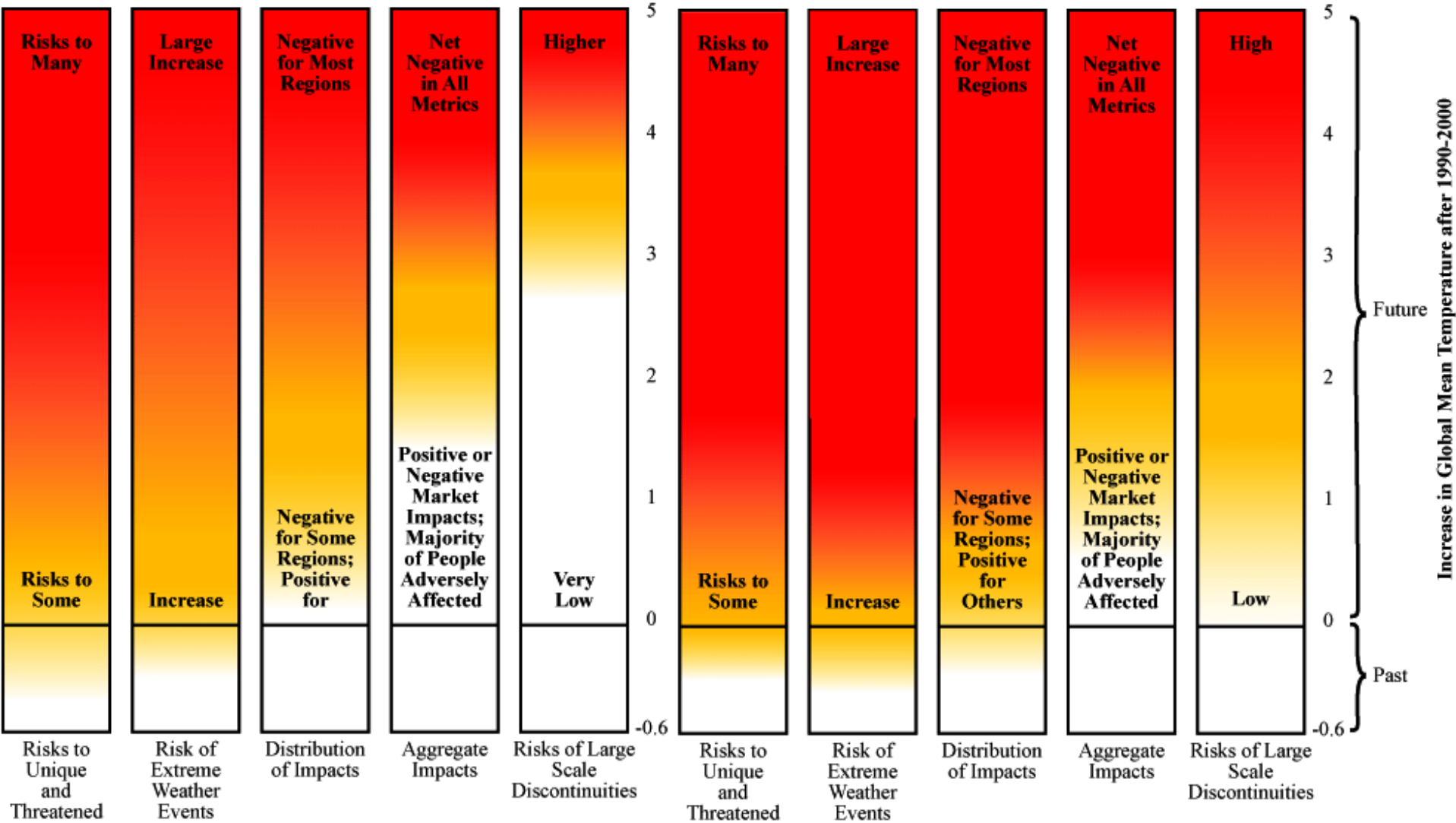
Climate change risks = f {Hazard, Exposure, Vulnerability}

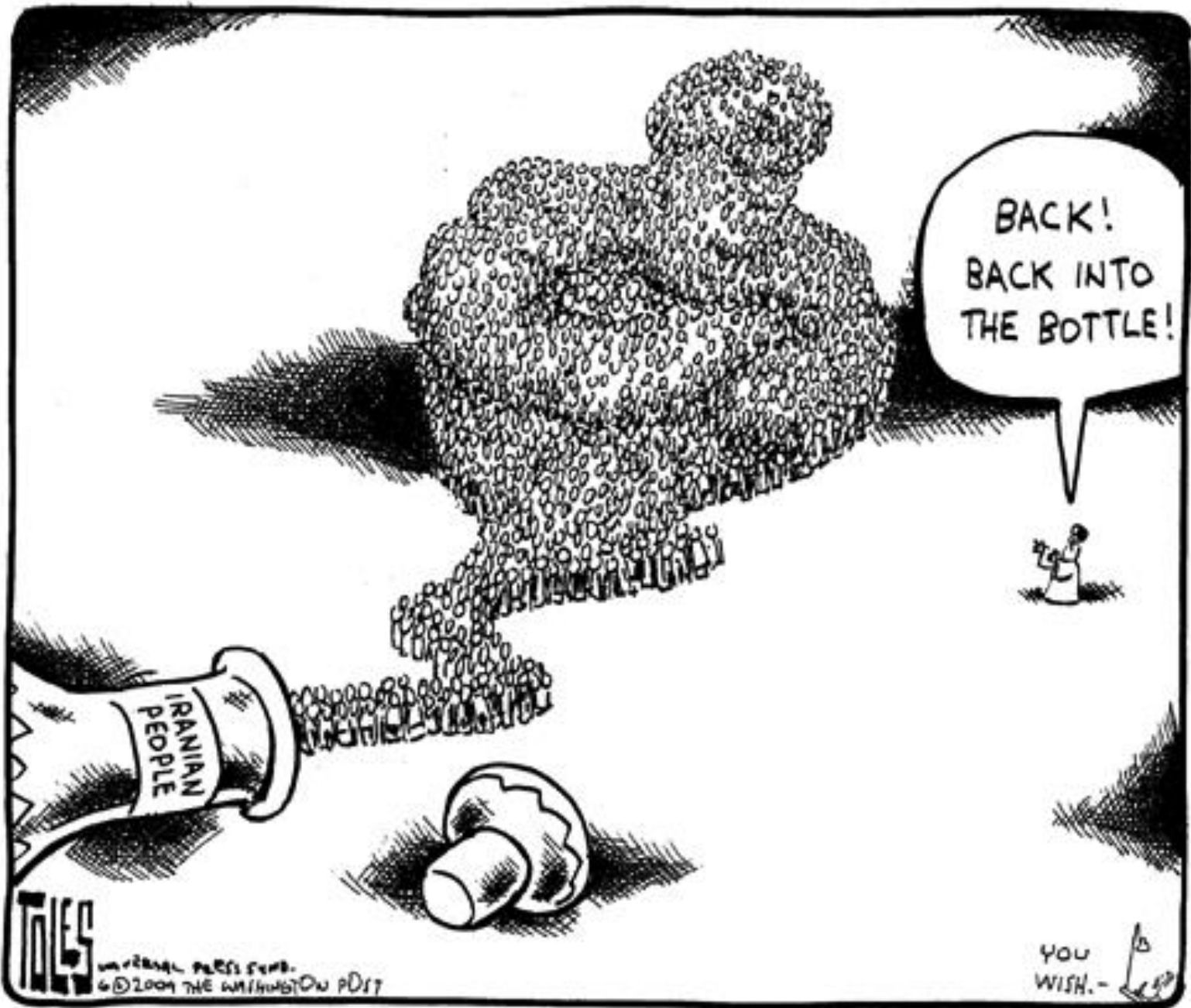


Reasons for Concern

TAR Reasons For Concern

Proposed AR4 Reasons For Concern





BACK!
BACK INTO
THE BOTTLE!

IRANIAN
PEOPLE

TOLES

UNIVERSAL PUBLISHING
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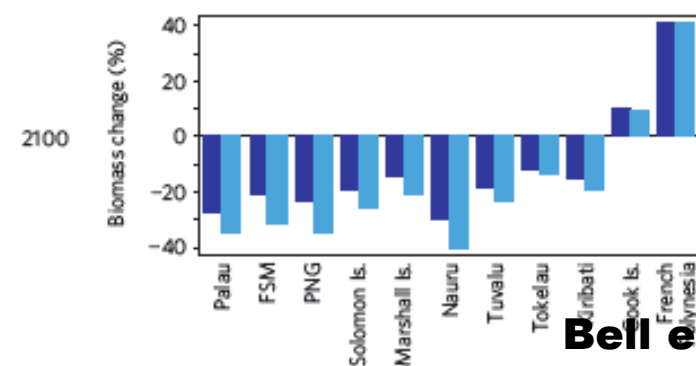
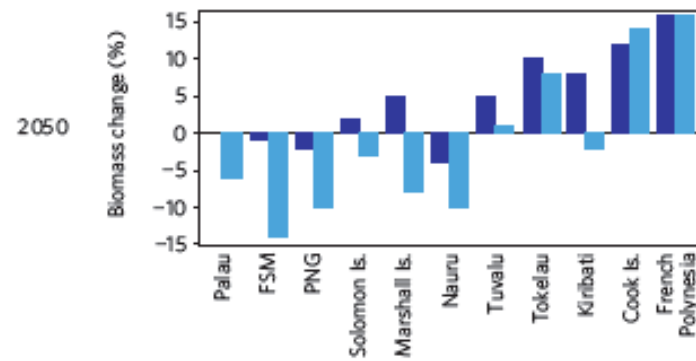
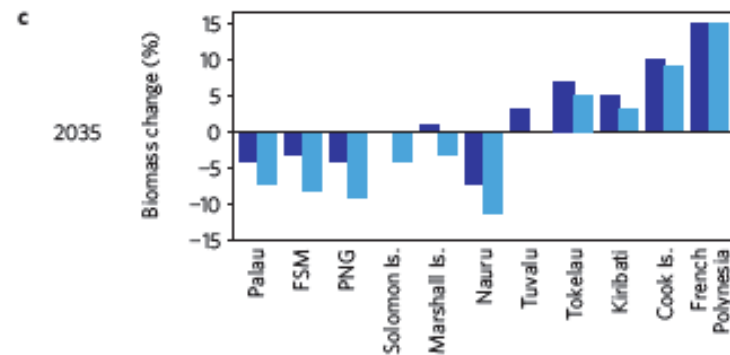
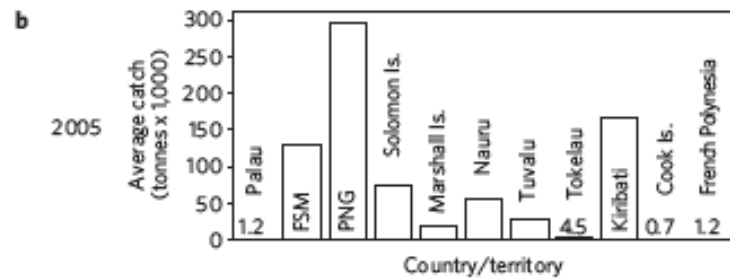
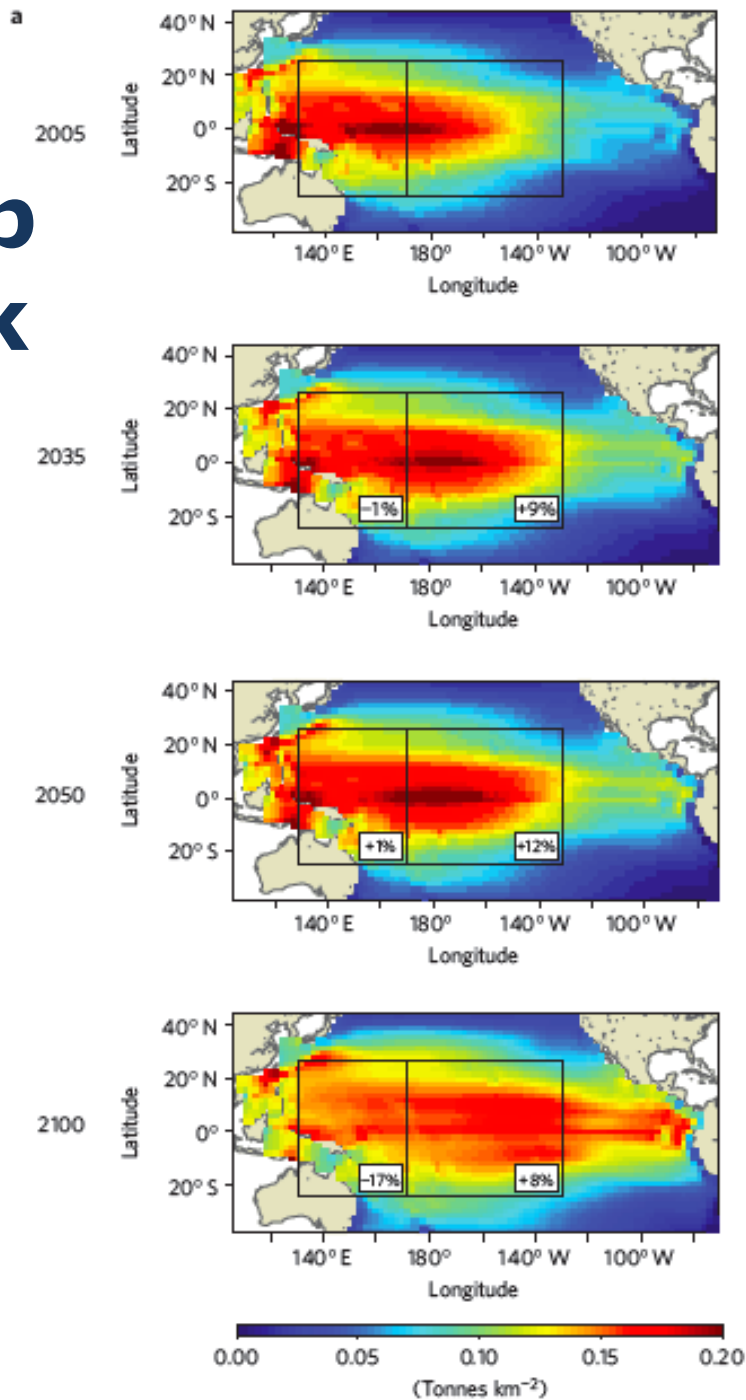
YOU
WISH. -

6-19-09

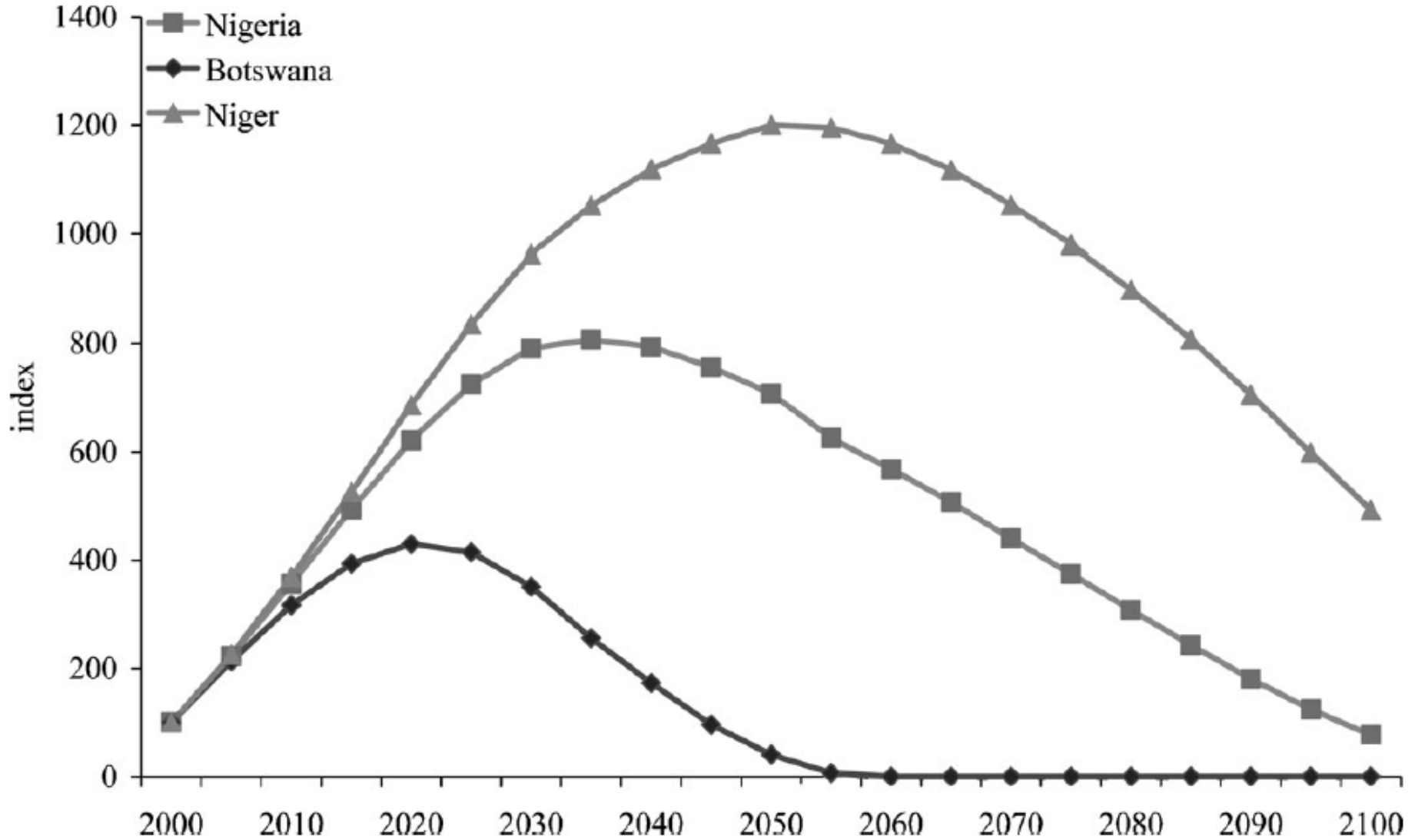




Skipjack tuna



Malaria deaths due to climate change, SRES A1B

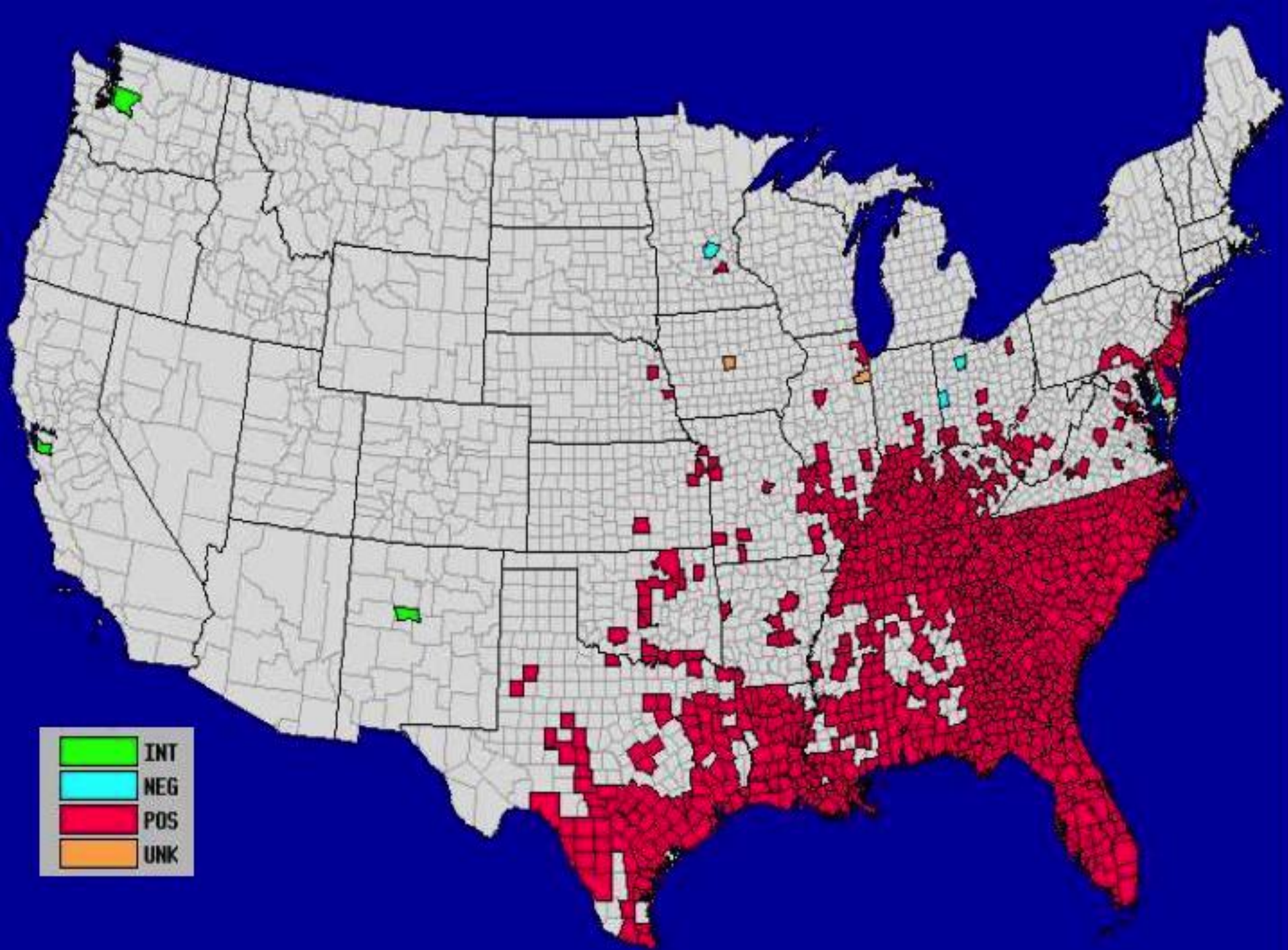






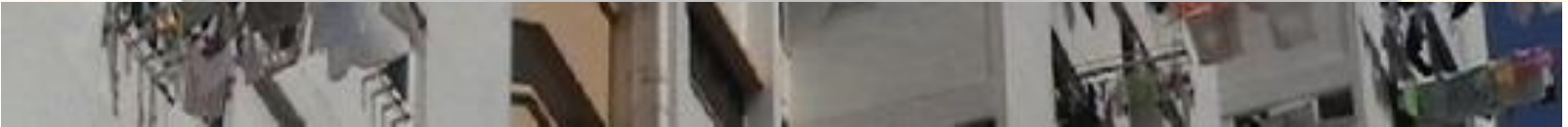
Countries/areas at risk of dengue transmission, 2008











Shared Socioeconomic Pathways

