

The most likely future isn't

Herman Kahn, 1967

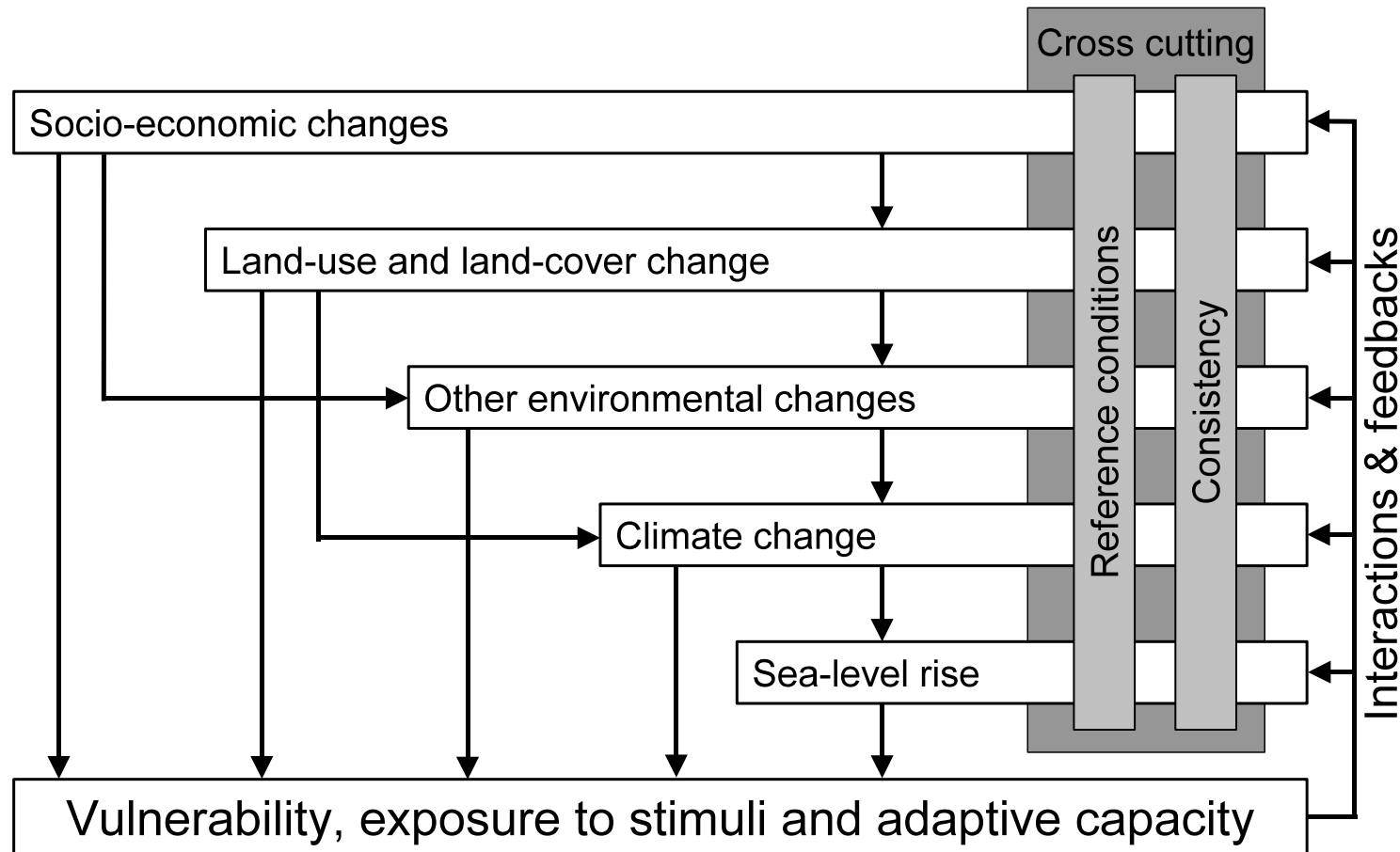
What are scenarios?

"A scenario is a coherent, internally consistent and plausible description of a possible future state of the world" (IPCC, 1994)

Scenarios are:

- alternative images of how the future can unfold
- not forecasts or predictions
- important tools for assessing future developments in complex systems with high uncertainties

Projecting climate alone is not sufficient



Source: Carter et al., 2001

Parallel Session 1.3.1 (Thread 1) Room 6
Day 1: 1400-1530 – Tues 29th June 2010

Scenarios of the future for adaptation

Convenors: **Timothy Carter** (Finnish Environment Institute, SYKE, Finland) and
Mark Stafford Smith (CSIRO Climate Adaptation Flagship, Australia)

14:00 – 14:05	Welcome and introduction to session <i>Timothy Carter</i>
14:05 – 14:15	Oral presentations Systematic and transparent exploration of scenario spaces: Socio-economic scenarios for local climate change adaptation <i>Henrik Carlsen, Swedish Defence Research Agency, Stockholm, Sweden</i>
14:15 – 14:25	Perverse adaptation strategies: Four scenarios <i>Earl Saxon, Independent consultant, Washington DC, USA</i>
14:25 – 14:35	Future makers or future takers? A scenario analysis of climate change and the Great Barrier Reef <i>James Butler/Erin Bohensky, CSIRO Sustainable Ecosystems, Townsville, QLD, Australia</i>
14:35 – 14:40	<i>Discussion on first group of papers</i>
14:40 – 14:50	Mapping population and climate change vulnerabilities: Challenges of reaching policy audiences <i>Sean Finnegan, Population Action International, USA</i>
14:50 – 15:00	Looking ahead and adapting? Comparative analysis of future scenarios for the fisheries sectors in Peru, Senegal, Ghana and Vietnam <i>Marie-Caroline Badjeck, The WorldFish Center, Penang, Malaysia</i>
15:00 – 15:10	Understanding Design for planning alternative landscape futures to adapt to climate change: Learning from temporal inconsistencies in vulnerability and adaptation studies <i>David Brunckhorst, Institute for Rural Futures, Armidale, NSW, Australia</i>
15:10 – 15:15	<i>Discussion on second group of papers</i>
15:15 – 15:25	Poster plugs
15:25 – 15:30	Summing-up and close <i>Mark Stafford Smith</i>

Poster Session (Day 1: 6.15 pm – 7.30 pm, Foyer)

Scenarios of the future for adaptation

1. The Limits of Adaptation
Clive Attwater, SGS Economics and Planning, Hobart, TAS, Australia
2. Adapting to the confluence of impacts in Australian cities: One shock away from disaster and the benefit of resilience planning
Donovan Burton, Climate Risk Pty Ltd, Paddington, QLD, Australia
3. Promoting resilience to disasters and climate change: a review of current activities and future research needs
Riyanti Djalante Macquarie University, Australia
4. Towards systematic and adaptive governance: understanding framings and relational dynamics of “climate change adaptation”
Andrea Grant, Monash University, Melbourne, VIC, Australia
5. Modelling scenarios of future adaptation using an agent based simulation framework
Sarah Hickmott RMIT University, Melbourne, VIC, Australia
6. Scenario Planning for Climate Change Adaptation
Silvia Serrao-Neumann, Griffith University Australia
7. Stakeholders, scenarios and systemic planning
Leon Soste, Future Farming Systems Research Division, DPI Victoria, Australia
8. Scenario Planning for a resilient irrigated agribusiness community in Sunraysia
Caroline Welsh, Department of Primary Industries, VIC, Australia

New scenarios for adaptation: what is needed?

Please let us know your views

1. What approaches, if any, do you favour for characterising the future?
2. General scenario needs: What kinds of global futures could be used to address key research questions relating to adaptation?
3. Specific scenario needs: What are some of the critical scenario needs you have identified in your research?
4. What time horizon into the future is important?
5. What is the maximum number of framing global storylines that would be manageable by adaptation researchers?
6. If new scenarios can be made available in time, would you be interested, willing and able to perform rapid analyses that could feed into the IPCC AR5 process?

New scenarios for adaptation: what is needed?

Please let us know your views

Methods of communication:

1. **With whom?** Richard Moss, Tim Carter, Mark Stafford Smith
2. **By email:** rhm@pnl.gov; tim.carter@ymparisto.fi;
Mark.Staffordsmith@csiro.au
3. **On paper**
4. **Verbally:** if you buy one of us a drink at the bar!

Your views will be compiled and next steps considered by the Conference Steering Group on Thursday 1 July