

A web based systems simulator for climate governance

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Key takeaways

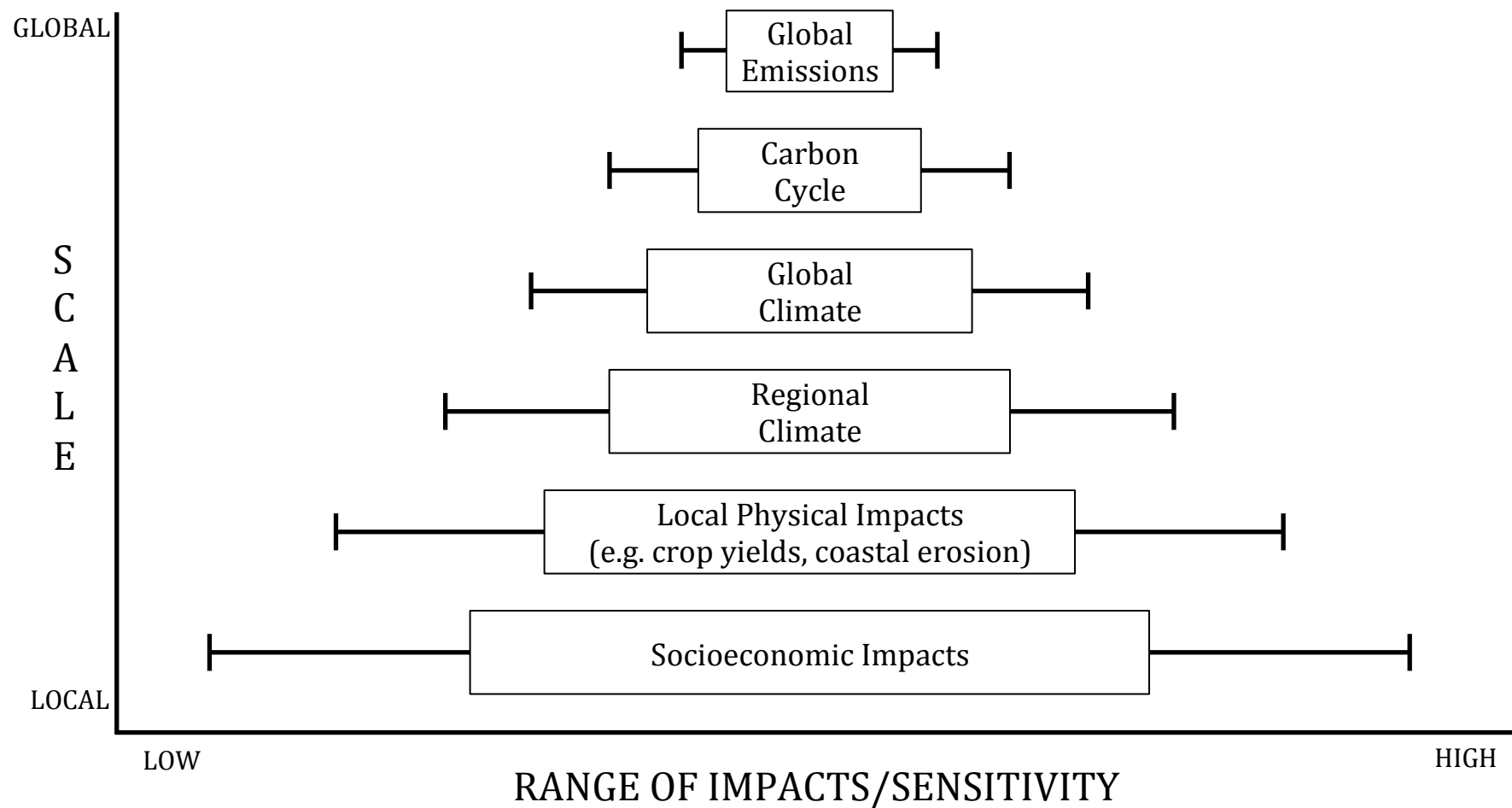
- Why a systems simulator?
- Why web-based?
- What are the interdisciplinary research challenges?

Why is adaptation a critical issue?



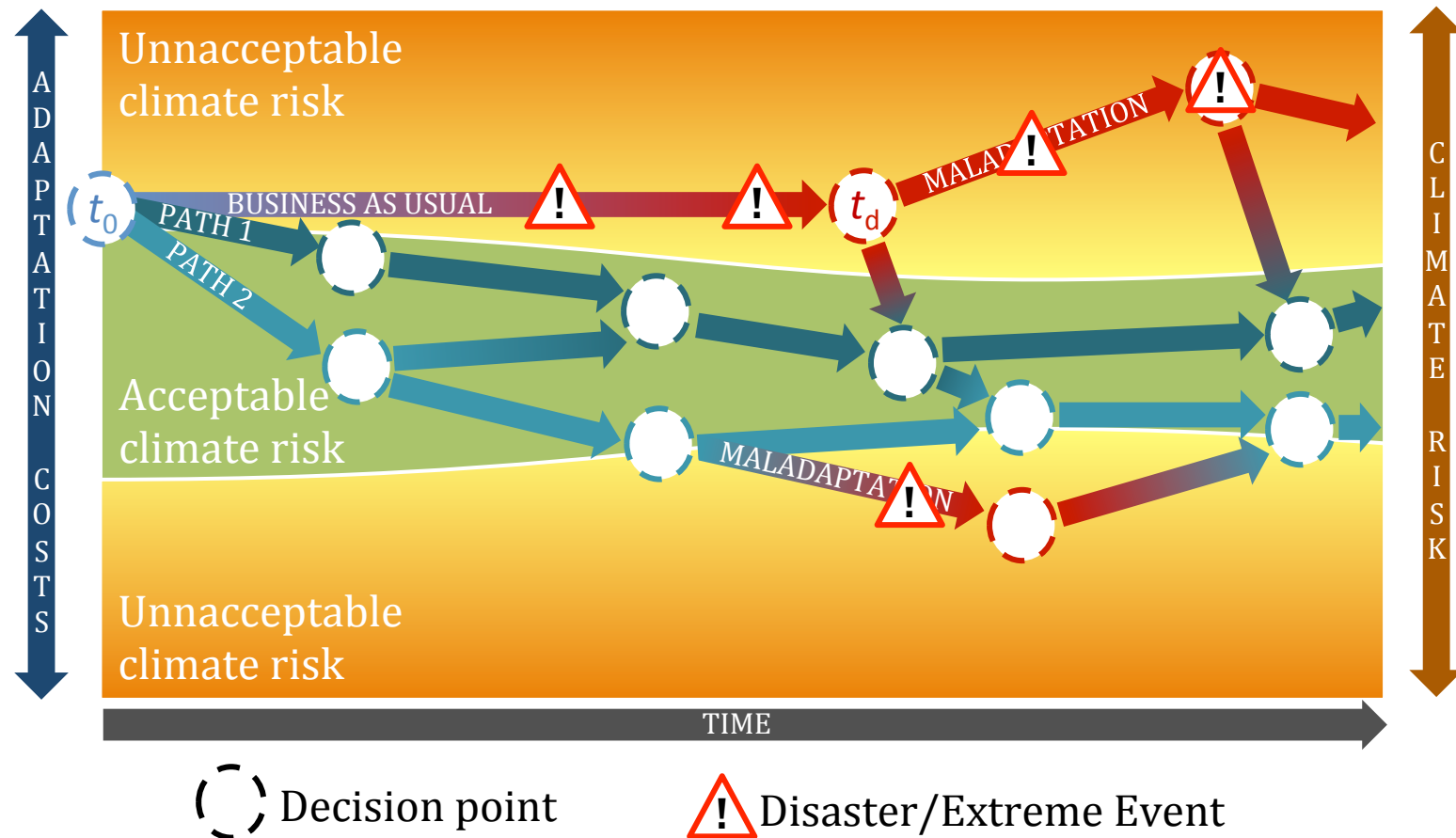
Maximising the potential to adapt and already widespread and
These judgements must be made with the dominant system in the local range
opportunities will consequently be a judgement of future risk

...but adaptation at the local scale involves an 'explosion' of uncertainty



(Adapted from Ranger et al 2010)

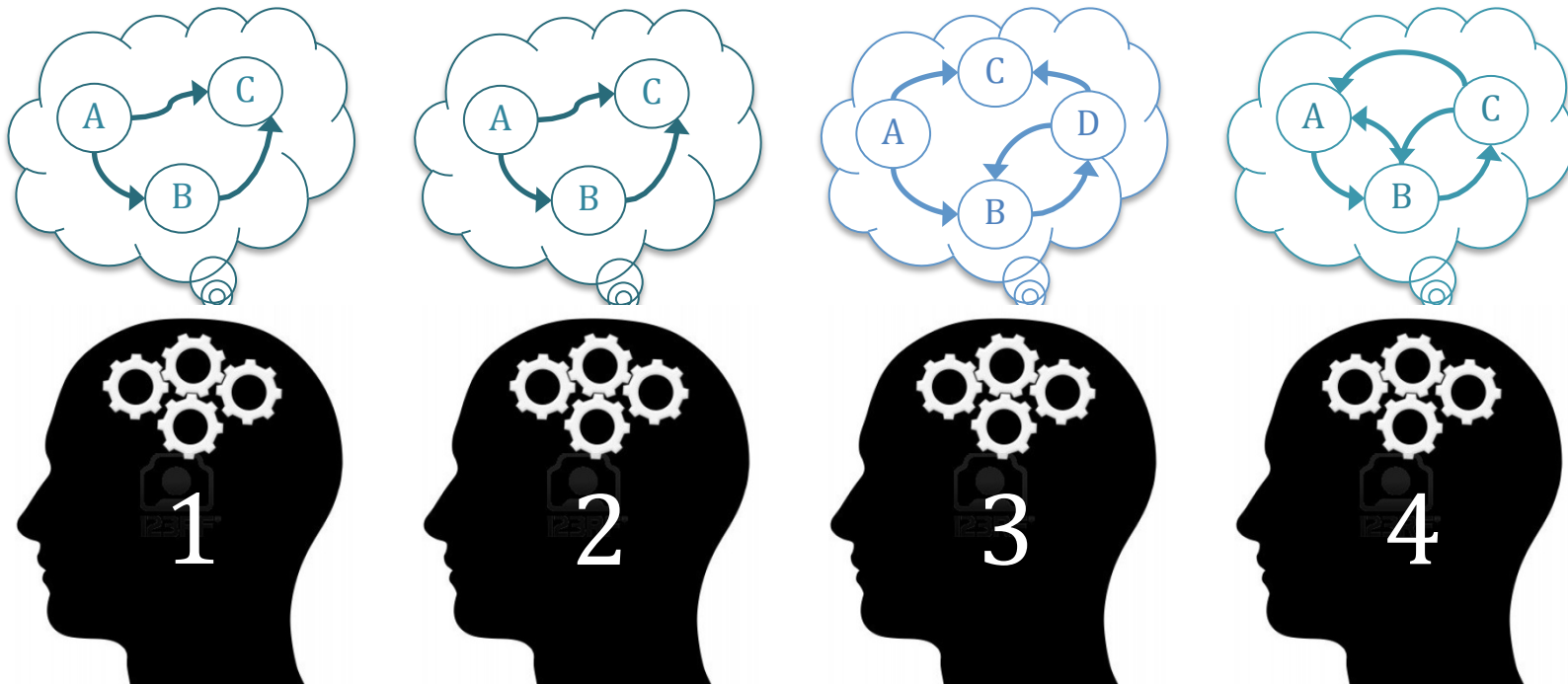
There are multiple adaptation paths



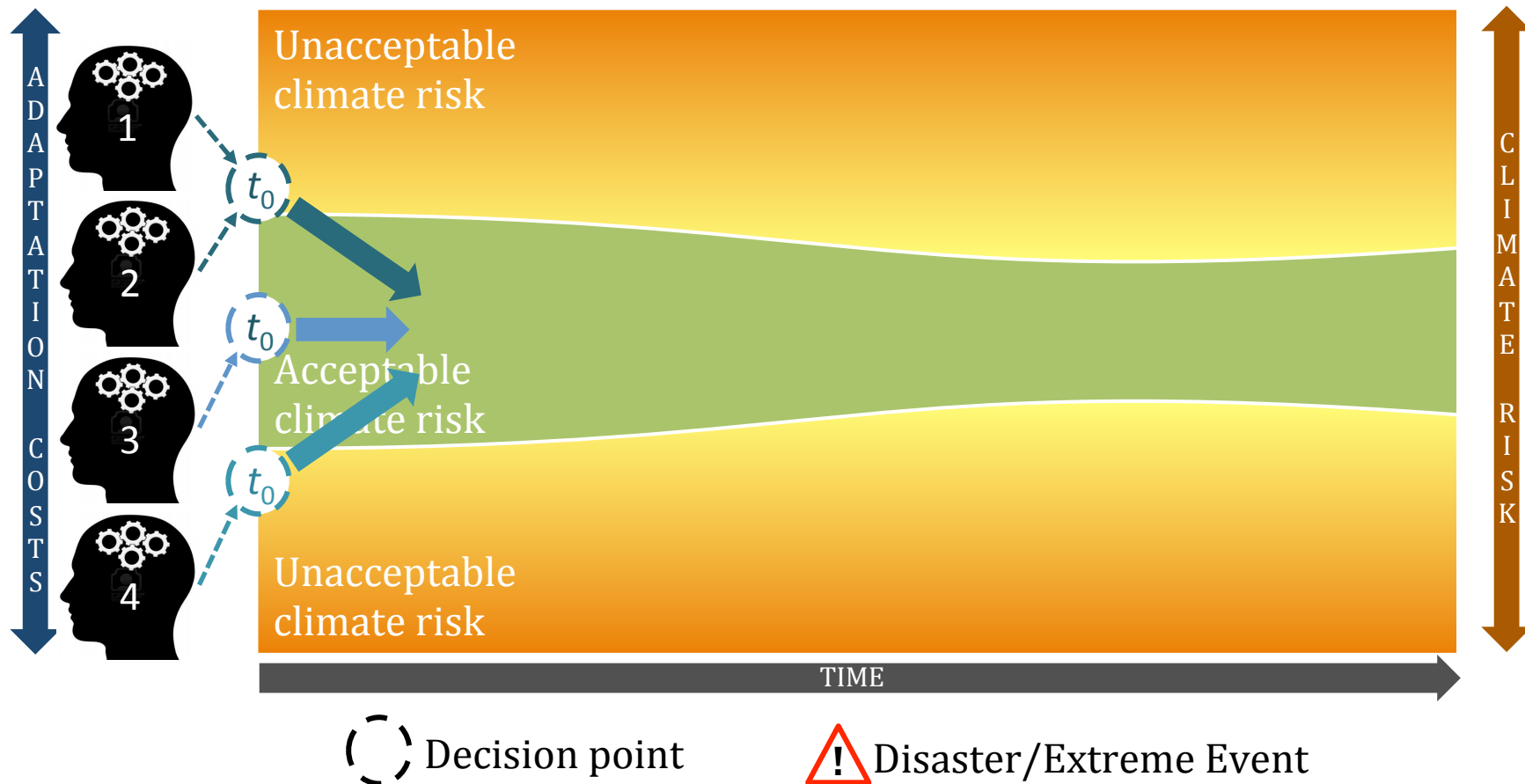
How to decide on a course of action?

Adaptive management literature tells us:

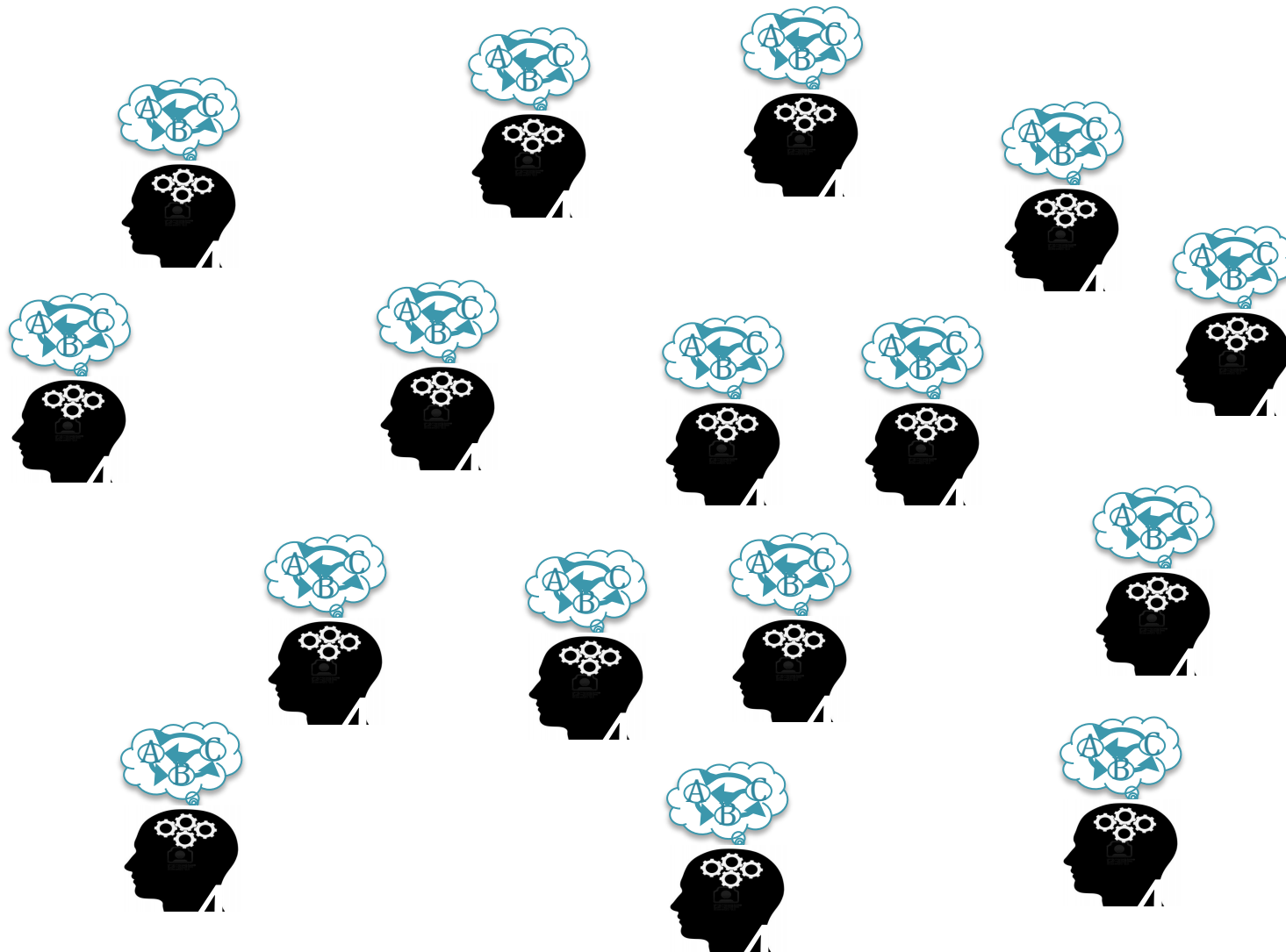
Uncertainty + disagreement = inaction



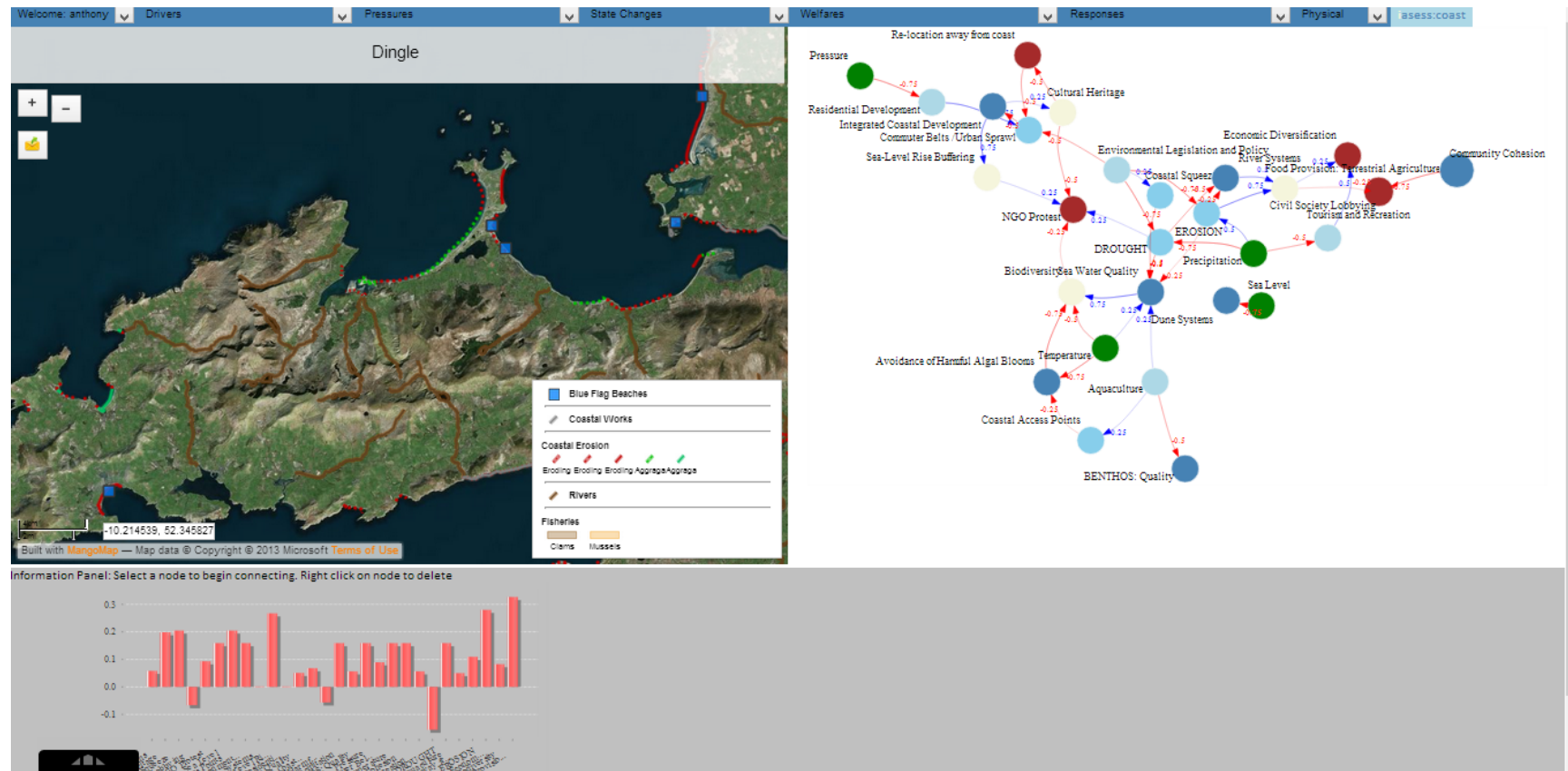
At present, where are we in the landscape of climate risk?



How does it scale?



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In Theory...

- Web 2.0
- Groupware
- Simple analysis
- Distributable

Research challenge

- Technical
- Legal
- Social
- ...

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- Environmental Protection Agency



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