Visions for nature and nature's contributions to people for the 21st century

#NatureFutures

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www.ipbes.net

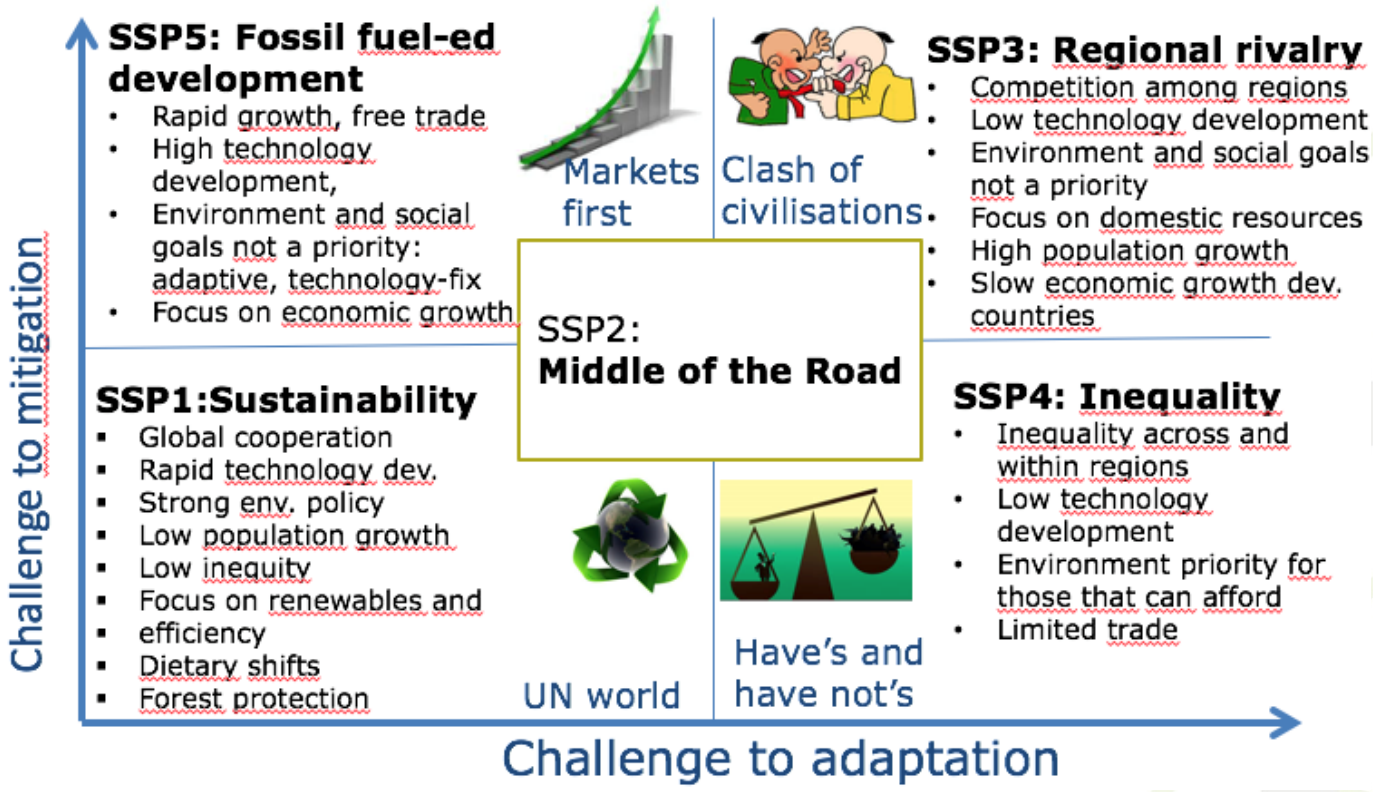
Scenarios can help us explore societal-ecosystem interactions

Biodiversity and ecosystem processes, trends

Societal values, investment, preferences and trends

Management targets, goals and outcomes

IPCC Shared Socio-economic Pathways: Global BES assessment

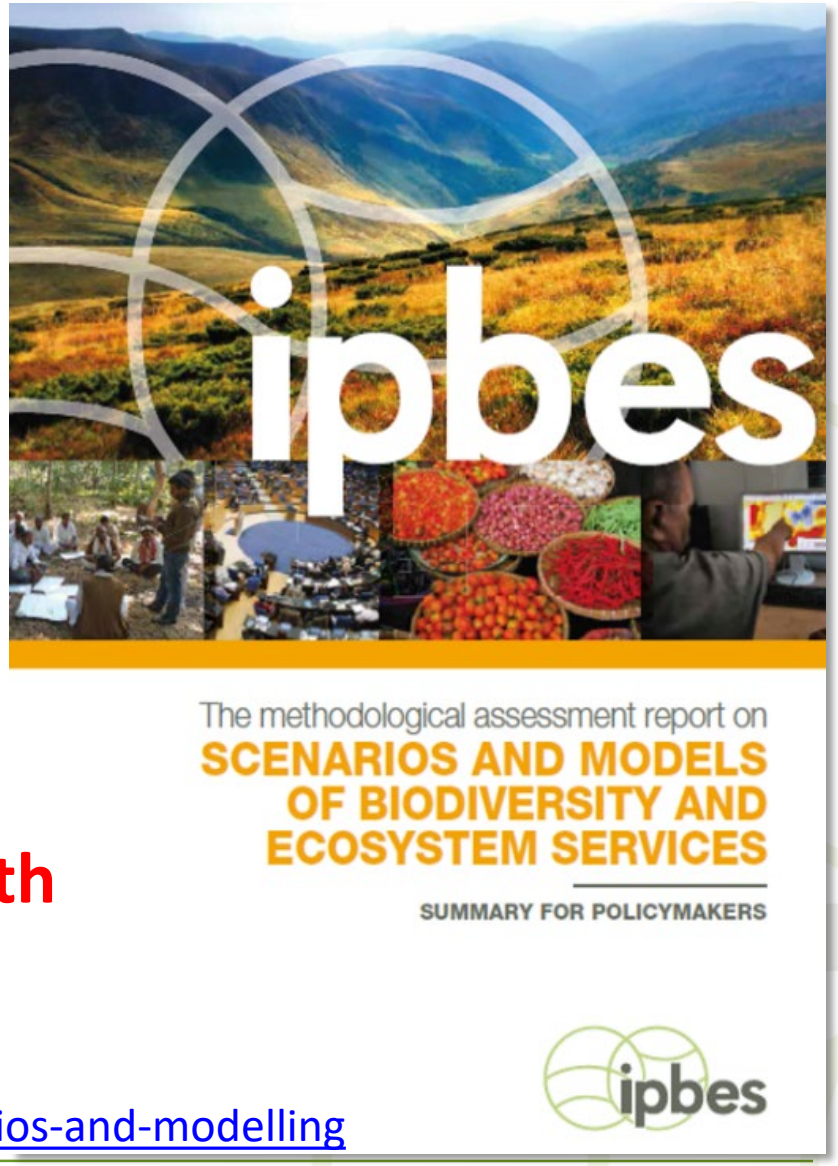


O'Neill et al. 2017 Climate Change

Why do we need new scenarios?

Scenarios are available, and useful tools for policy support, but:

- Most global scenarios are limited to assessing the impact of drivers on Biodiversity and Ecosystem Services
- Most global scenarios are developed for other purposes, e.g. climate change and its impacts
- Most global scenarios lack a participatory approach.



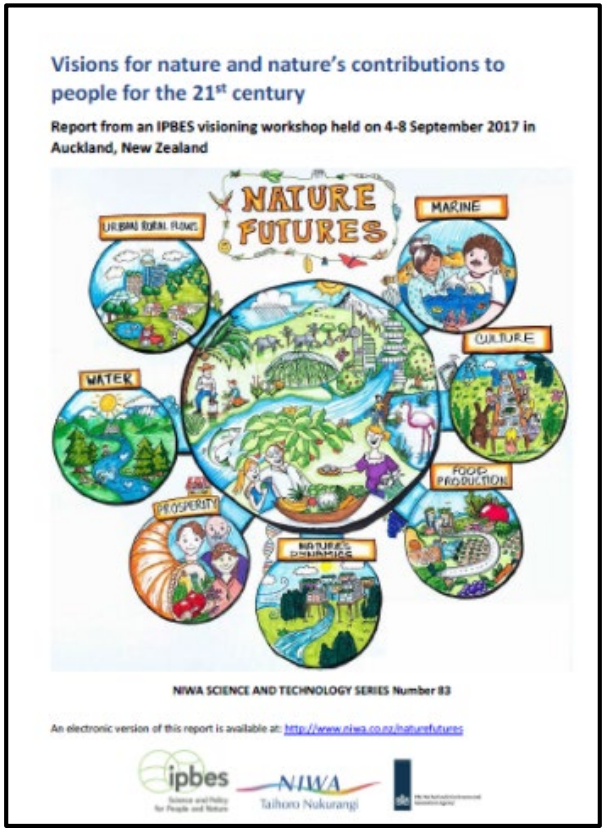
IPBES Expert Group tasked with catalyzing next generation of biodiversity scenarios

https://www.ipbes.net/deliverables/3c-scenarios-and-modelling

“Visioning Nature Futures” Workshop
4-8 Sep 2017, Auckland, New Zealand

- 75 participants, 31 countries
- Scientists and social scientists, governments, industry, local communities, indigenous peoples, IGOs, NGOs

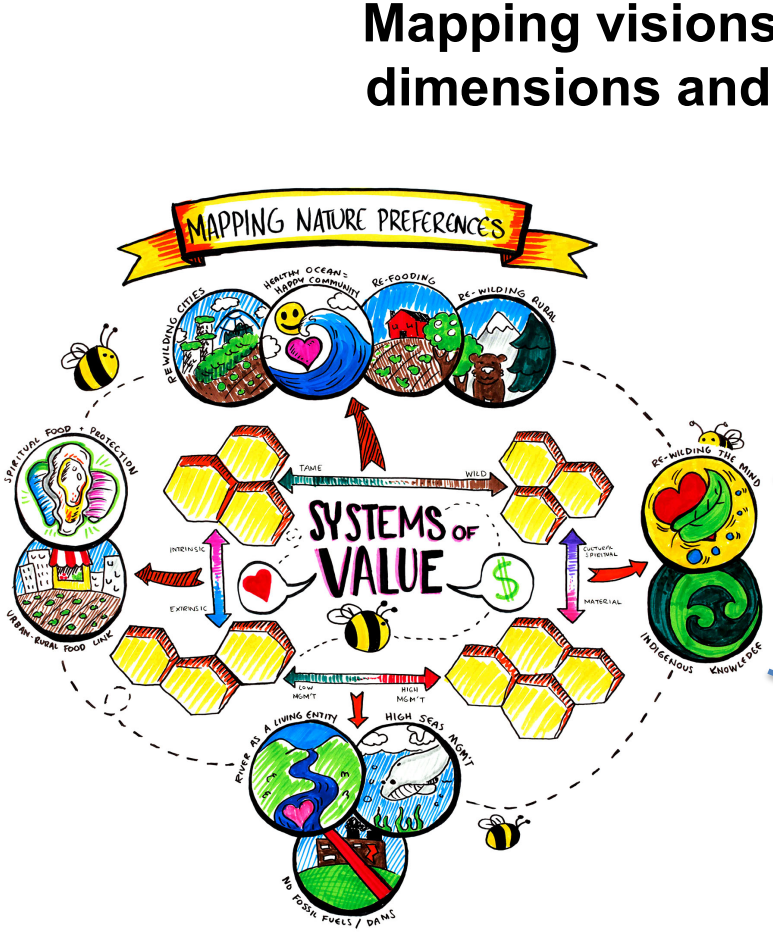
- **Development of seven positive nature futures, including one ocean vision**

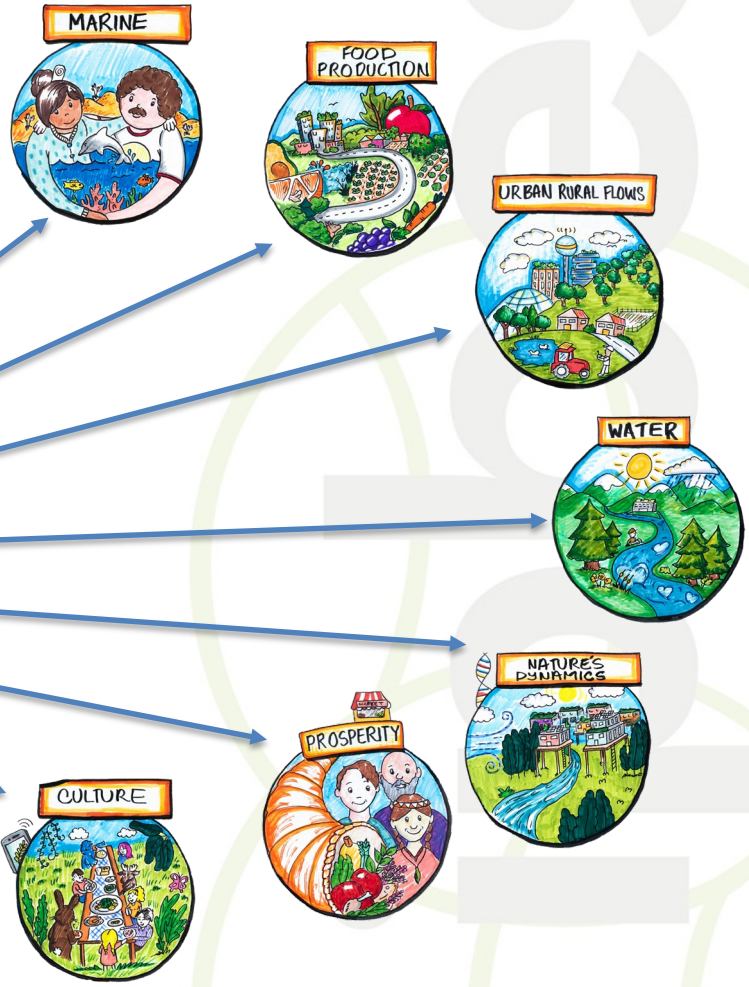


Lundquist and 74 co-authors. 2017. Visions for nature and nature’s contributions to people for the 21st century. NIWA Science and Technology Report No. 83. https://www.niwa.co.nz/naturefutures

Creating scenarios from Auckland Nature Futures 25-28 June 2018, The Hague, Netherlands

Mapping visions across dimensions and drivers



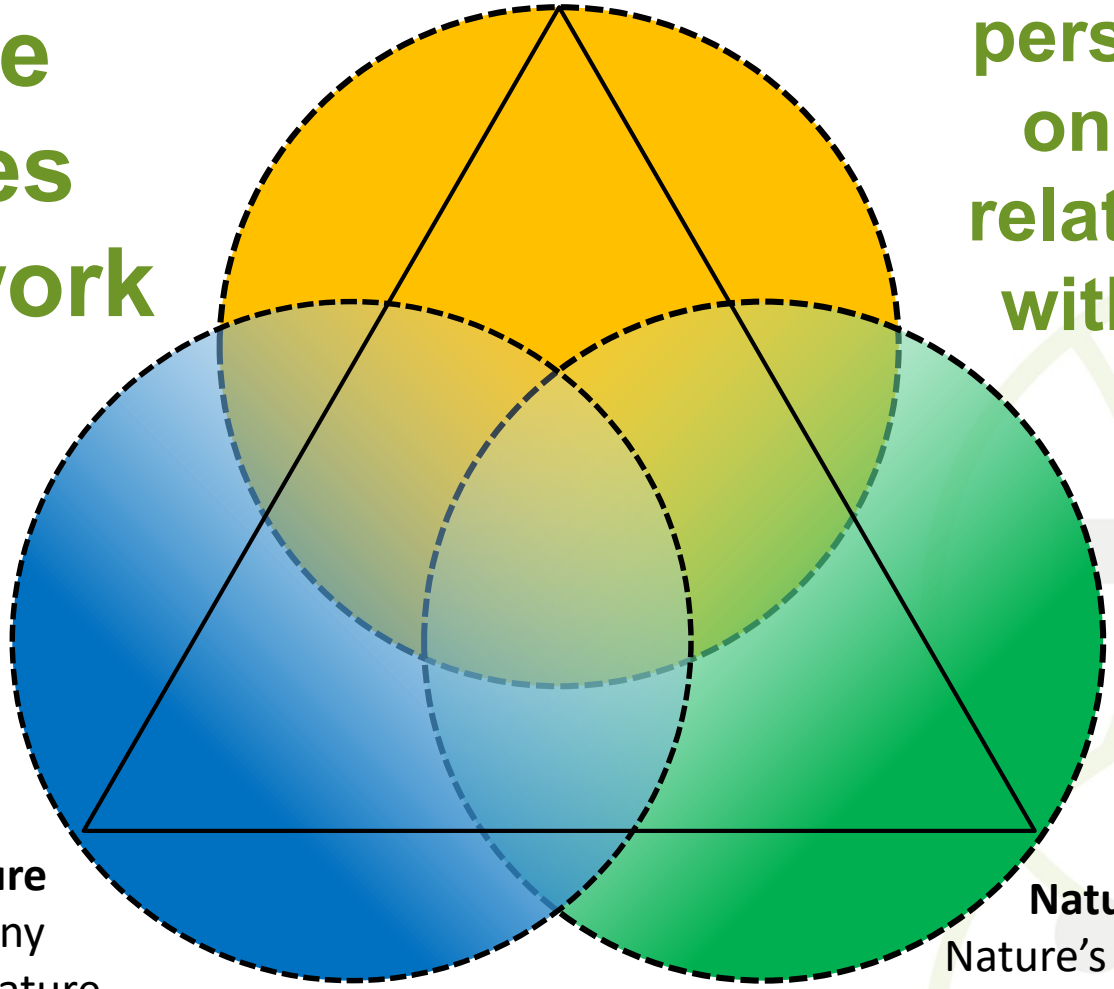


Pereira, L. …. C. Lundquist. (Draft manuscript). Developing global and integrative nature-people centred scenarios: the Nature Futures framework. *People and Nature.*

IPBES Nature Futures Framework

Emerging perspectives on human relationships with nature

Nature for Nature
Intrinsic value of nature
Space allocated for nature



Nature as Culture
Living in harmony
People one with nature

Nature for Society
Nature's benefits to people
Ecosystem services

Lundquist et al. (Submitted). A pluralistic Nature Futures Framework for policy and action. *Science (Policy Forum)*

Relation between visions and perspectives

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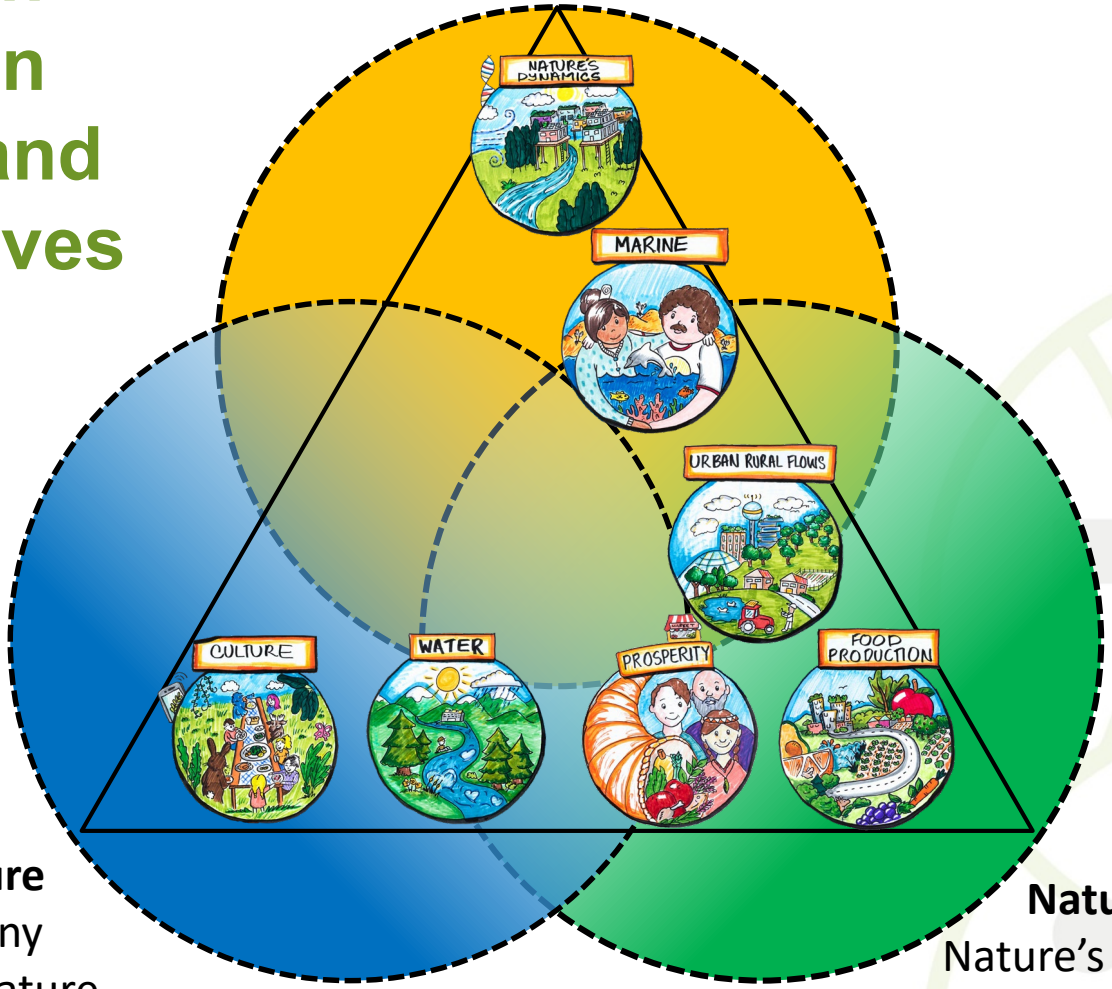

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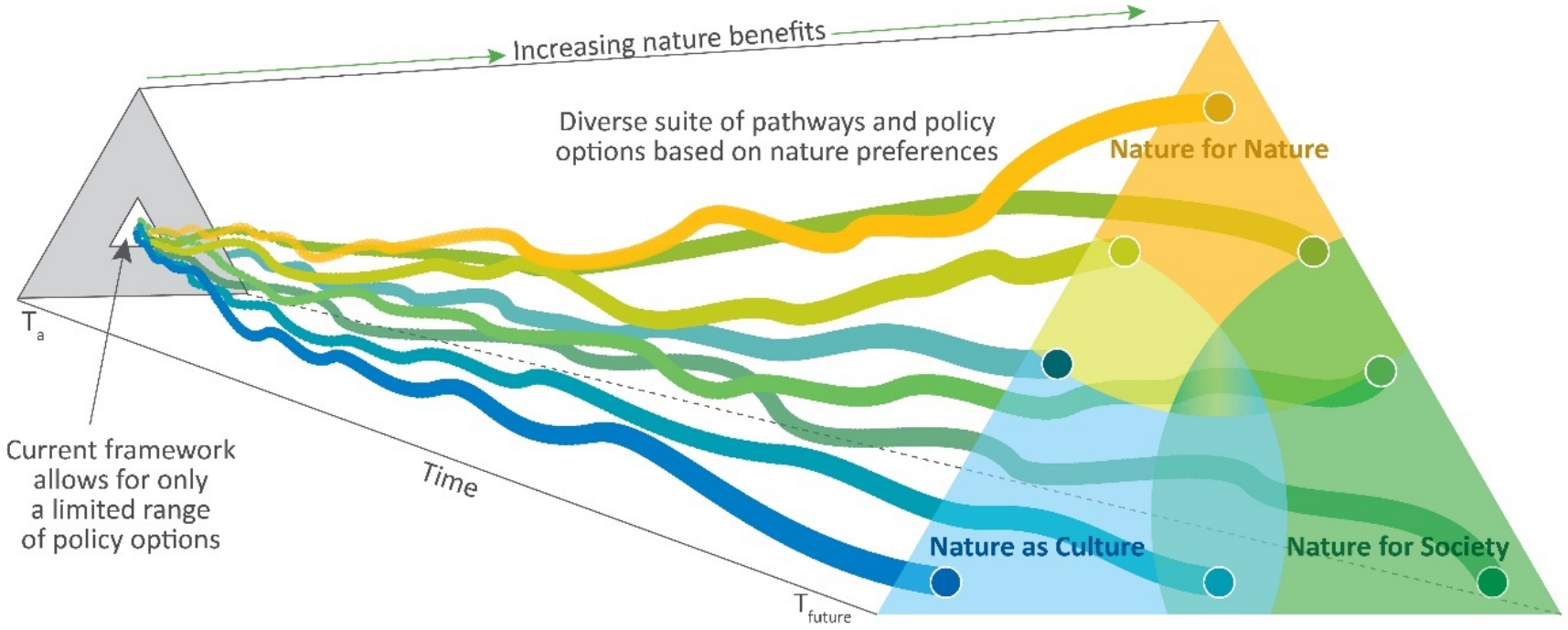
From the Nature Futures Framework to Scenarios



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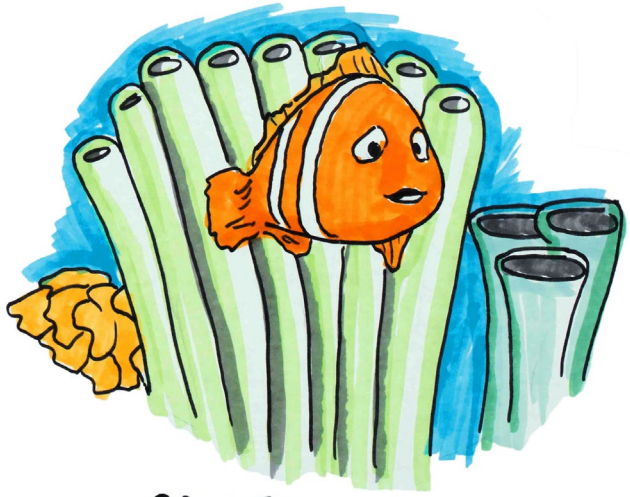
Thanks to everyone who attended the *Visioning Global Ocean Futures* workshop (Saturday)!

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