



futureearth

Research. Innovation. Sustainability.

Driving Research to Action

***5 ways research networks shape sustainable policies
and boost local engagement with global agendas***

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Future Earth

2015 Milestones

- Sendai Framework for Disaster Risk Reduction
- Sustainable Development Goals
- Paris Climate Agreement
- The effort needed to meet these goals is considerable



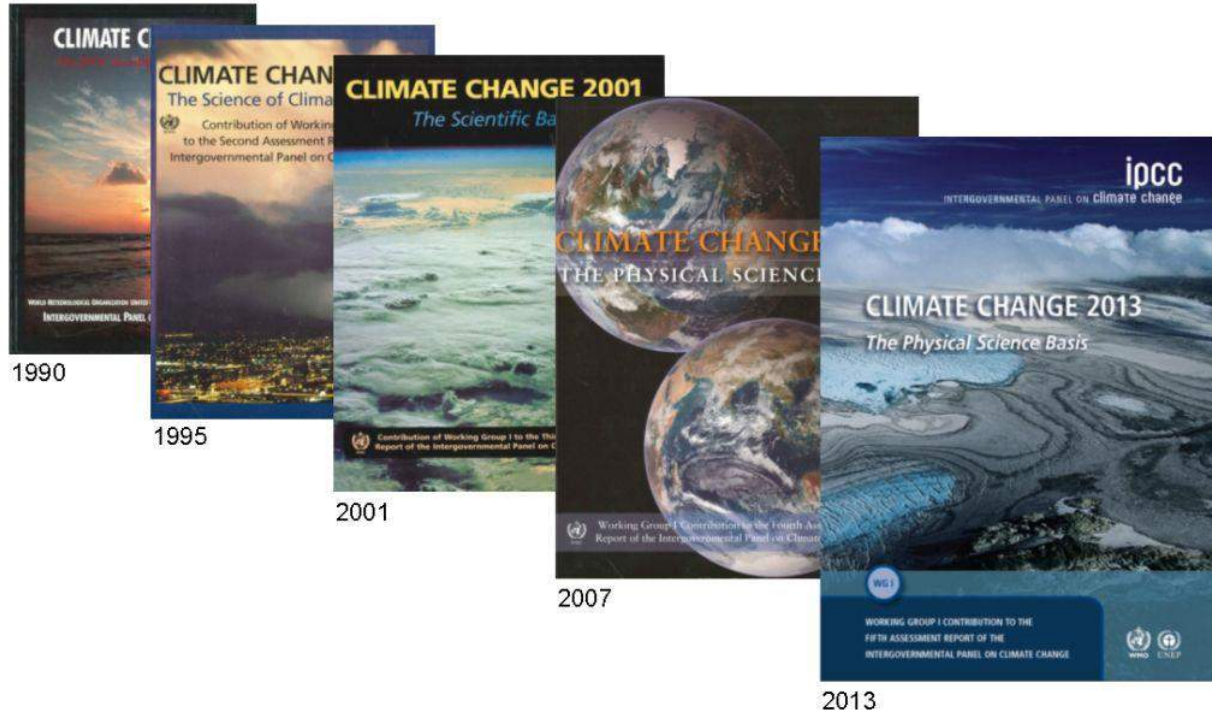
#1

Harness local
knowledge and
give it global
weight





Major global assessments



United Nations
Framework Convention on
Climate Change



**Convention on
Biological Diversity**

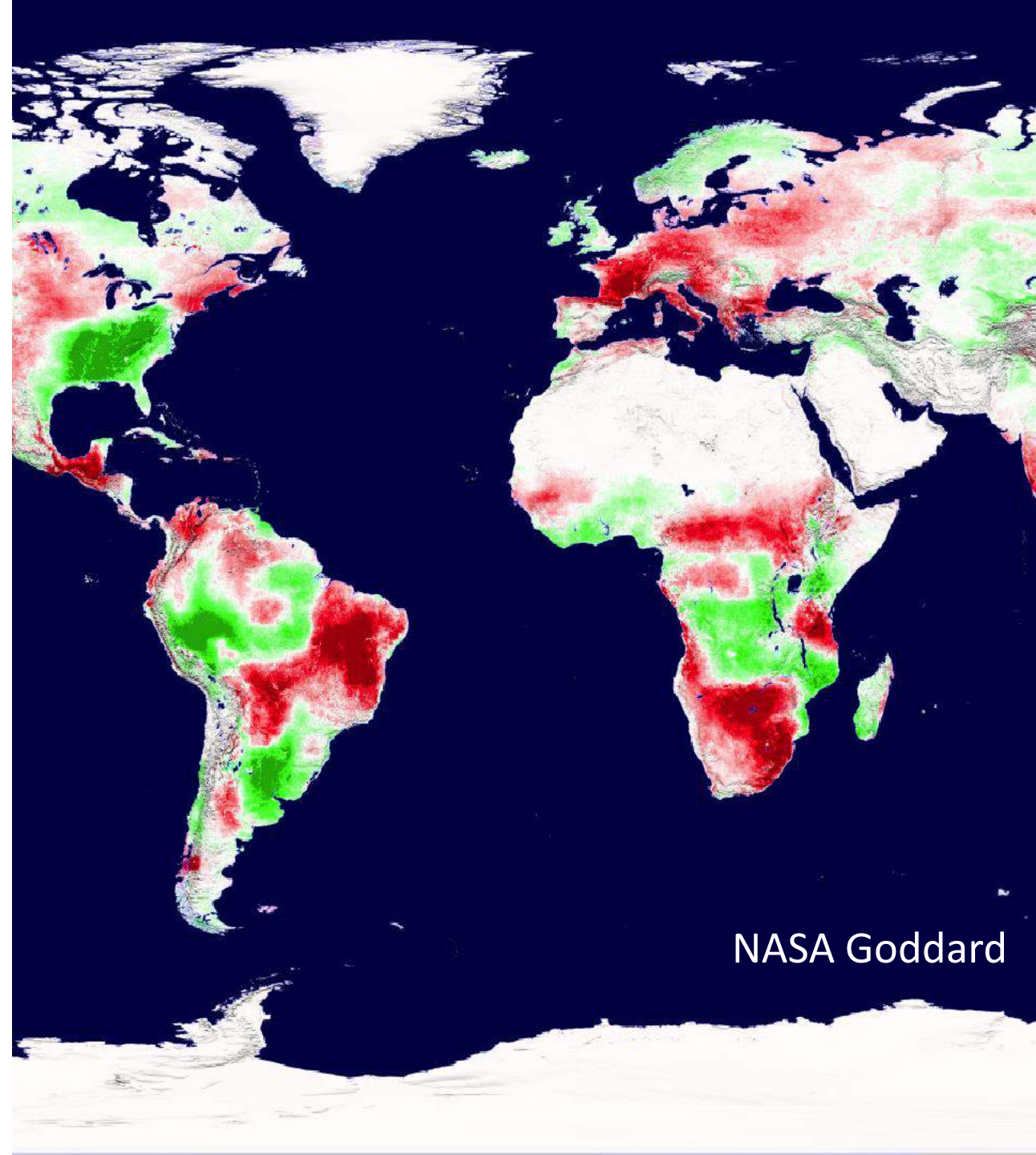
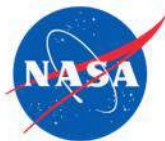
#2

Prepare cities for
by co-creating
future vision and
scenarios

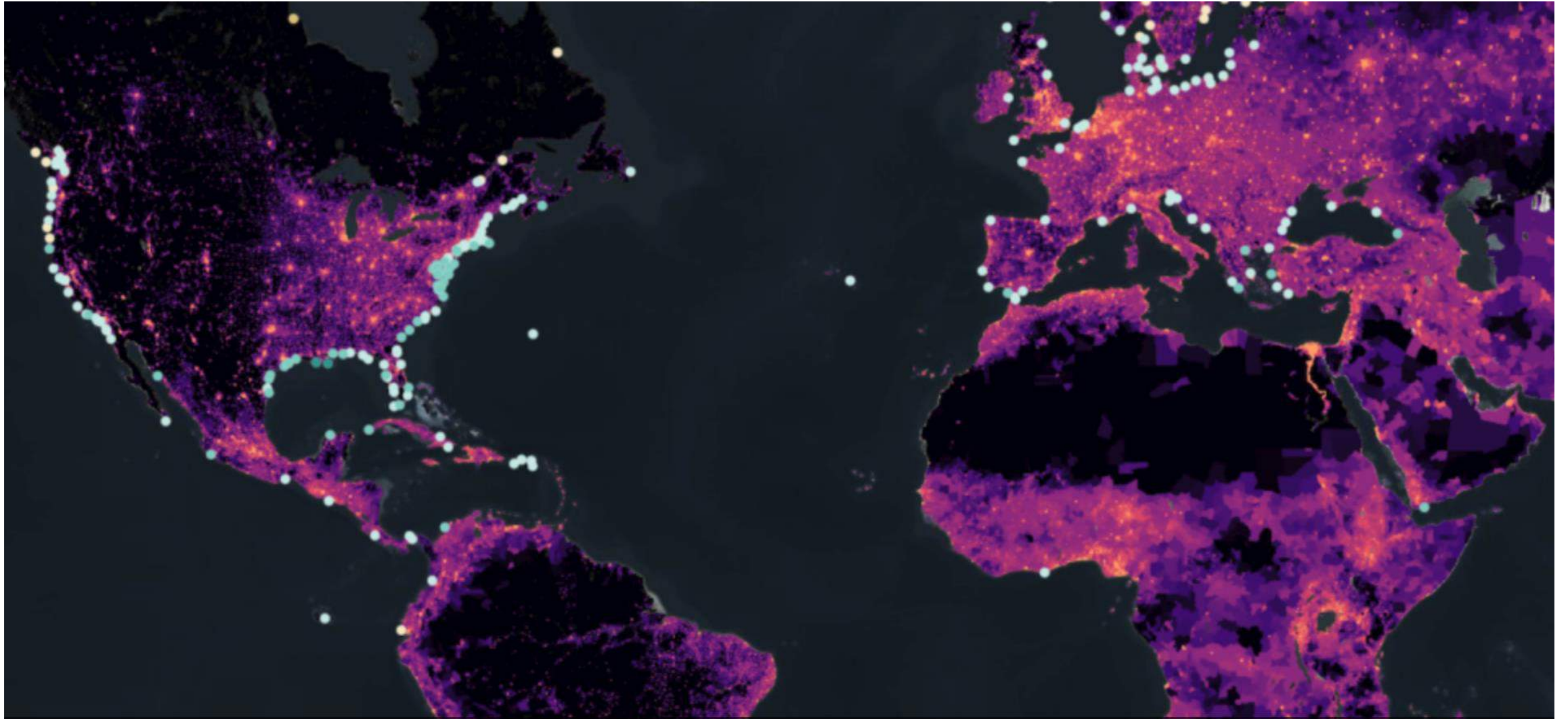


Partnership for Resilience Preparedness (PREP)

- A new public-private partnership to “harness the data revolution” for climate resilience and adaptation
- Making existing climate data more open and accessible
- Creating new “dashboards” to empower decision-making
- Partners include:



NASA Goddard



A map of global population density (purple) overlaid with data on the pace of sea level rise at coastal locations (blue). Darker blue dots represent areas with higher rates of sea level rise. Map: PREPdata

#3

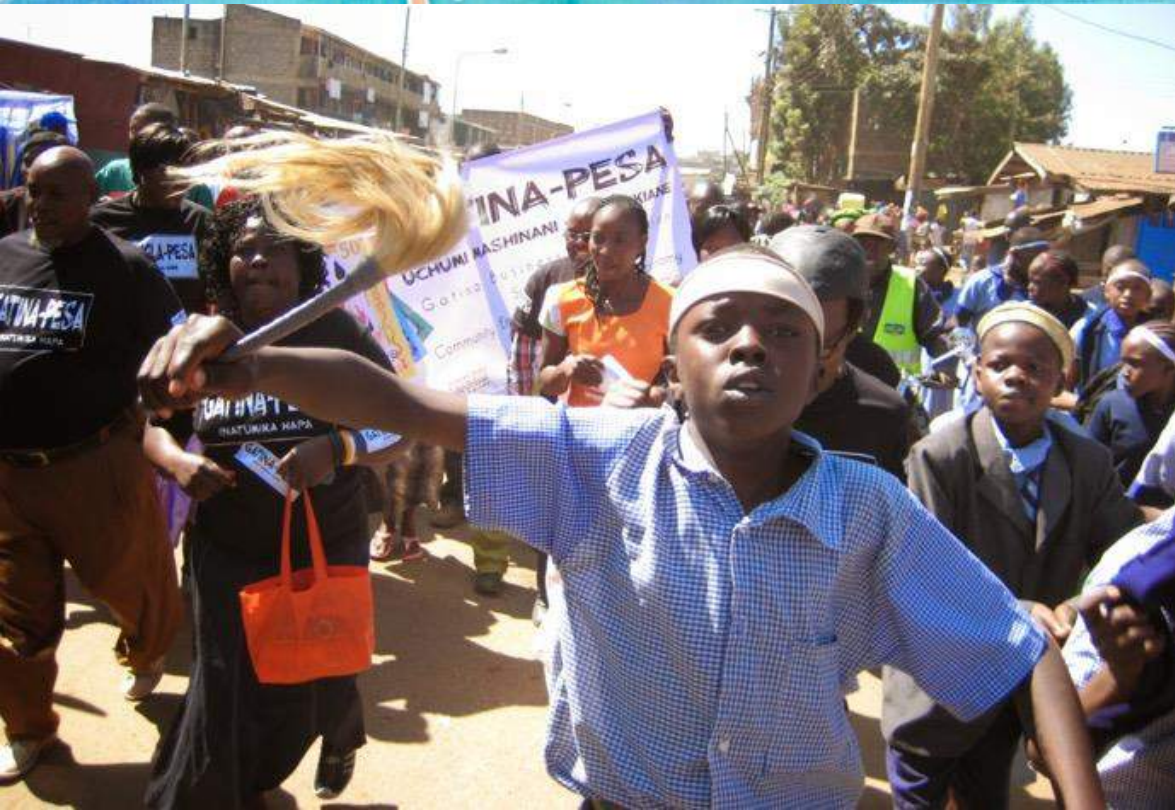
Providing
inspiration and
sparking
innovation in cities





SEEDS OF GOOD ANTHROPOCENES

- “How do you retain hope in a time that isn’t hopeful?” – Elena Bennett (McGill University)
- Collects, maps & analyzes examples of how communities are already making transformations to sustainability
- 500+ “seeds” collected so far
- See them at:
goodanthropocenes.net

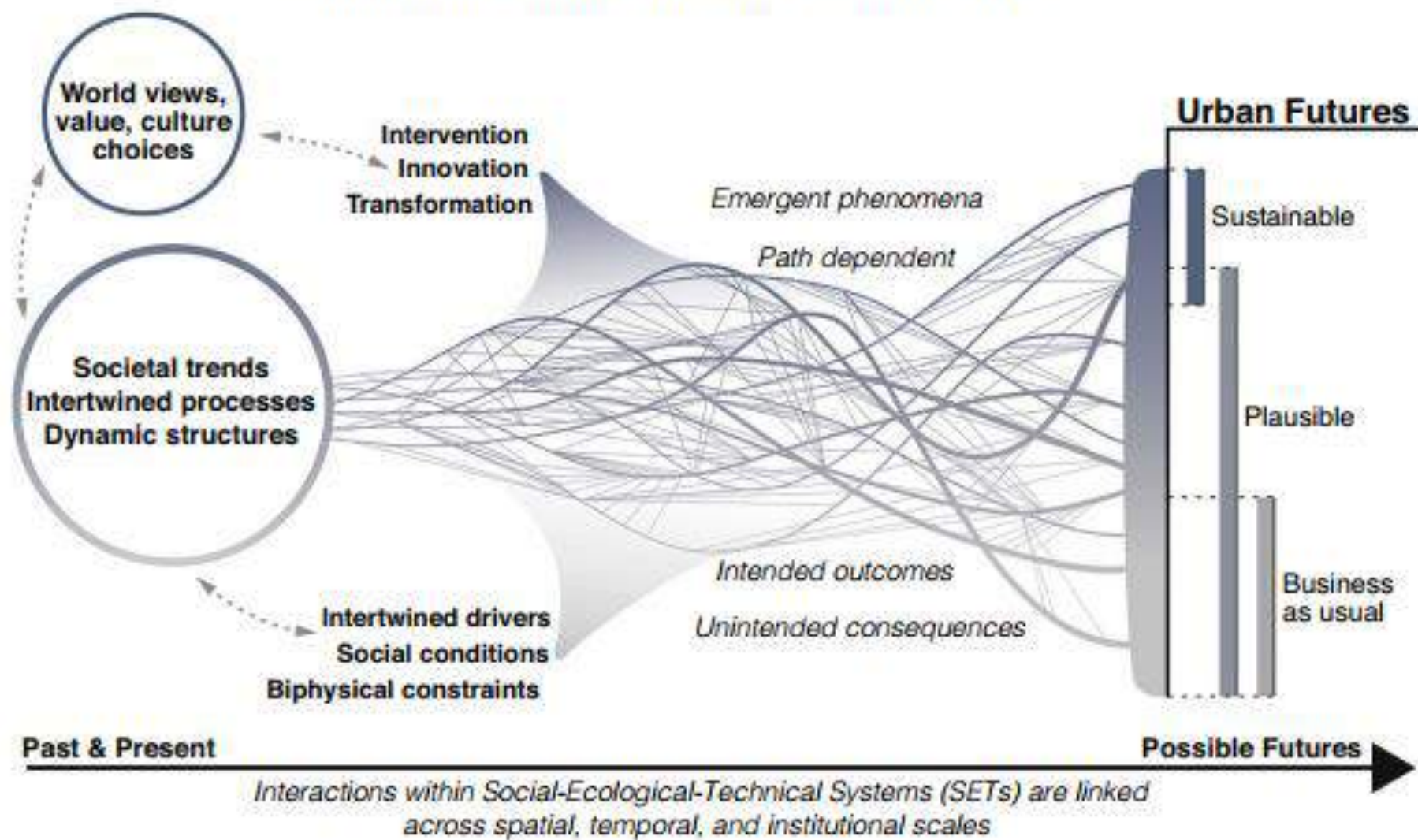


#4

Research networks
provide a solid
knowledge base
for long-term
planning in cities



Societal Goals: *The urban future we want*



#5

Research networks
move knowledge
to action



Knowledge-Action Networks



Decarbonisation



Emerging
Risks
& Disasters



Natural Assets



Ocean



Transformations



Urban



Finance
& Economics



Health



SDGs



SSCP



Water-Energy-Food Nexus





Our vision is for people to thrive in a sustainable and equitable world



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Thank you for your attention!

M'Lisa Lee Colbert

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Image: NASA