GLOBAL RESILIENCE PARTNERSHIP

Planning for water and future food systems under uncertainty

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#ResilientFuture

Anthropocene is novel, turbulent, accelerating and hyperconnected

L
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ERSHIP

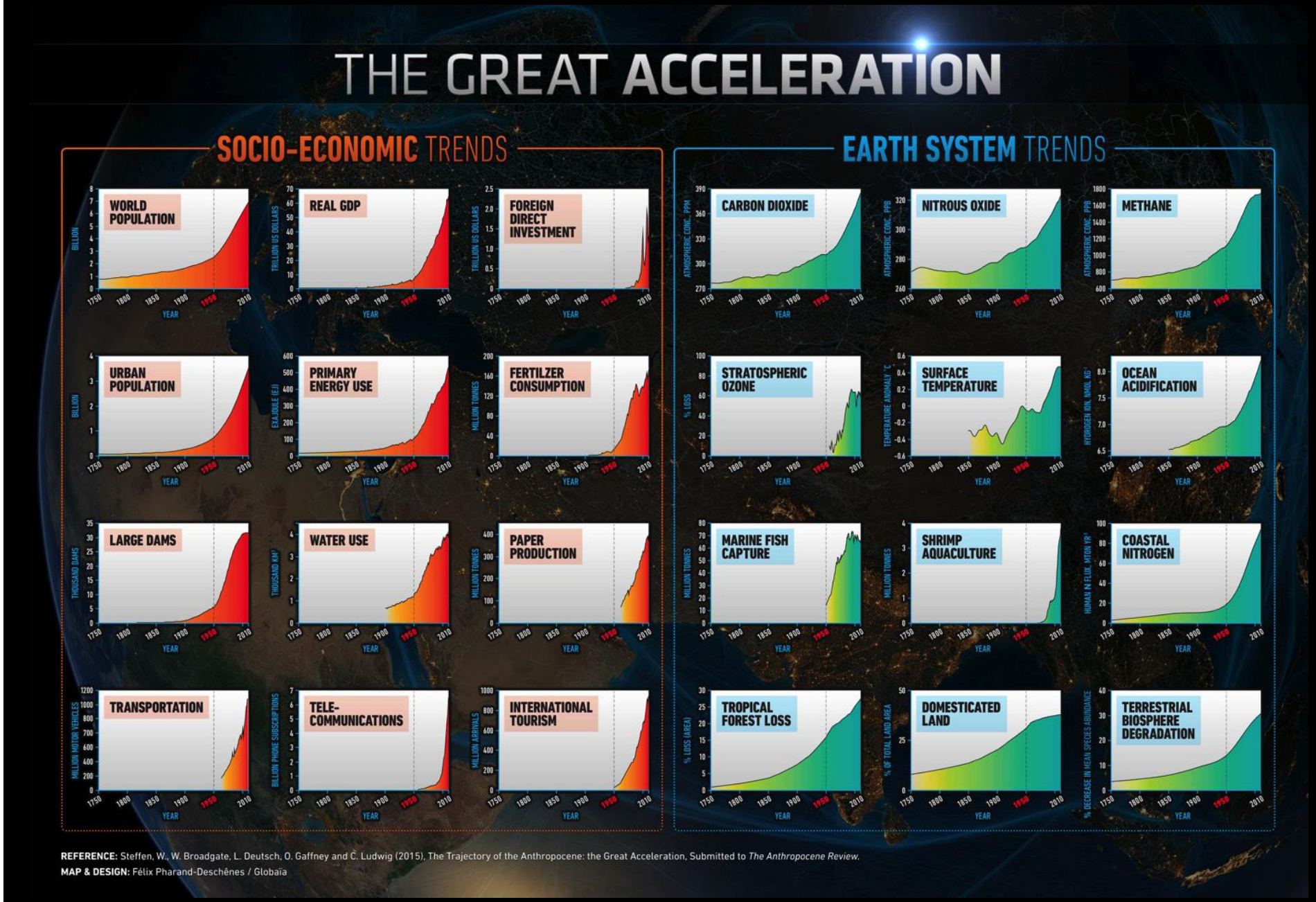
Future

SCALE

SPEED

SPREAD

CONNECTIVITY



http://www.anthropocene.info

CC and Water

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- Freshwater biodiversity in particular is rapidly declining at the global scale, with a loss of 81% since 1970 (WWF, 2016). Almost 30% of approximately 28,000 freshwater species that have been assessed for the Red List are categorised as being under immediate threat of extinction (IUCN, 2018).
- Climate changes alter the form, intensity, and timing of water demand, precipitation, and runoff. Water is the primary medium through which we experience climate change. Past climate conditions are no longer an adequate predictor of the future.
- Teleconnections across the Earth System are beginning to be understood – Anthropocene risks.

Five Attributes for Future Resilience

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- Diversity
- Redundancy
- Connectivity
- Inclusivity and Equity
- Adaptive Learning

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Water Resilient Food and Irrigation Systems

GLOBAL RESILIENCE PARTNERSHIP

- Treating the food system as a system – adopting interconnected systems thinking that embraces the complexity of how we produce, distribute, and add value to food:

- Adopting multi-level inclusive governance and supporting inclusive participation

- Enabling continual innovation, new knowledge and learning

Water Resilient Food and Irrigation Systems

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- Incorporating diversity and redundancy—living resilience
- Ensuring system preparedness
- Plan for the long term

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Partners

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Credit @ Groundswell International

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THANK YOU

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