



Ancestral Human-Water Feedbacks Help on New Regional Models of Anthropogenic Effects and Interactions with Local Communities

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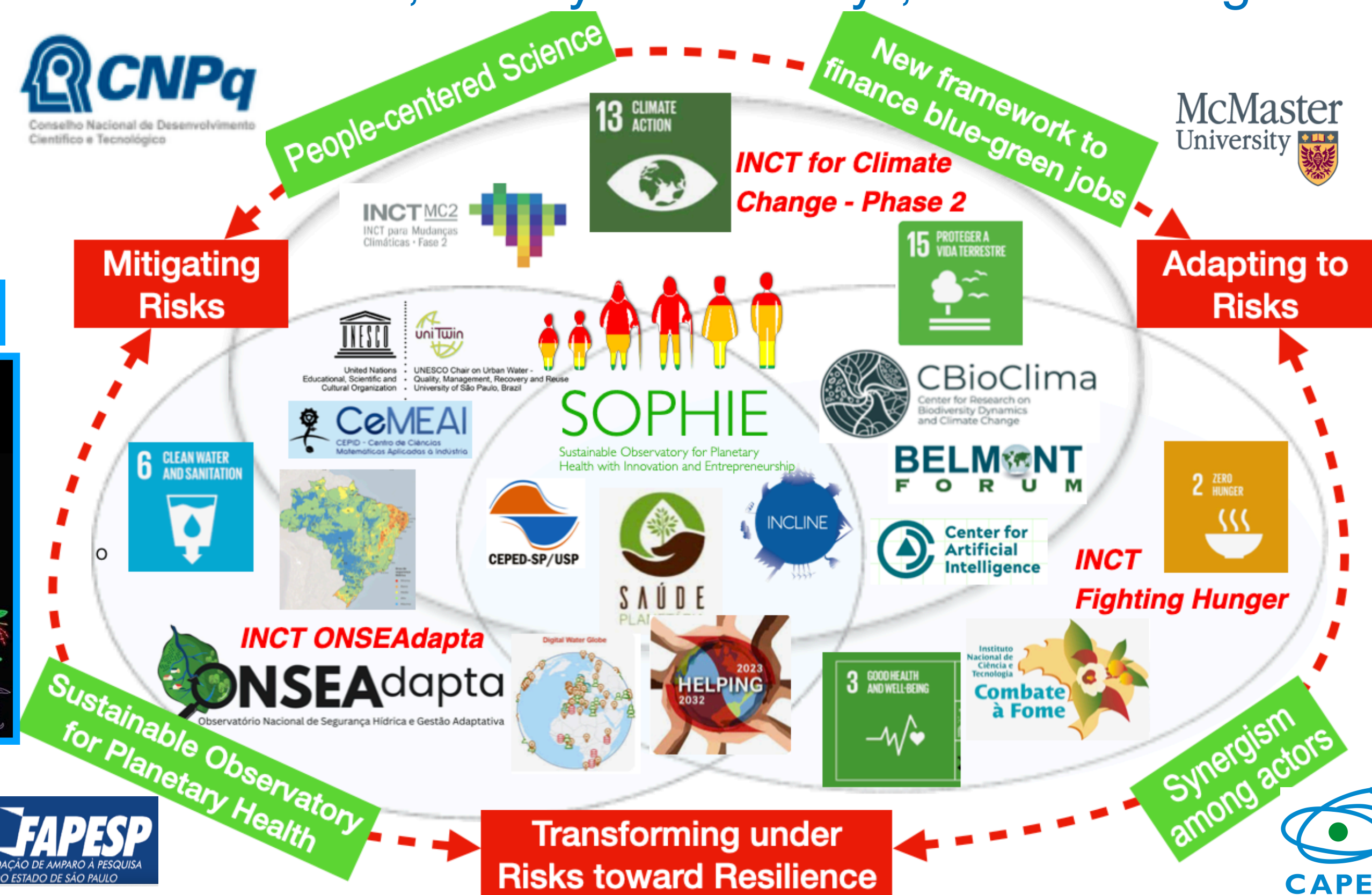
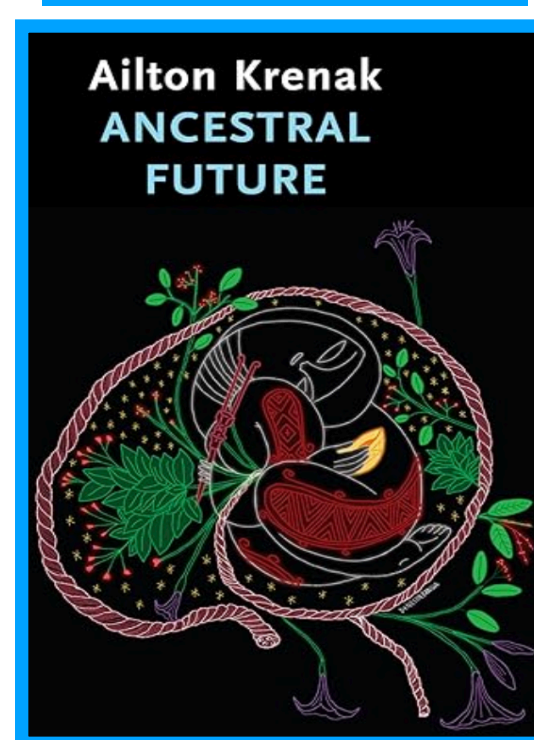


Previous work

JEDI AWAKENS

Climate Justice, Equity, Diversity and Inclusion Accelerate Water security and Adaptation Knowledge Exchange towards Net-zero and Sustainability

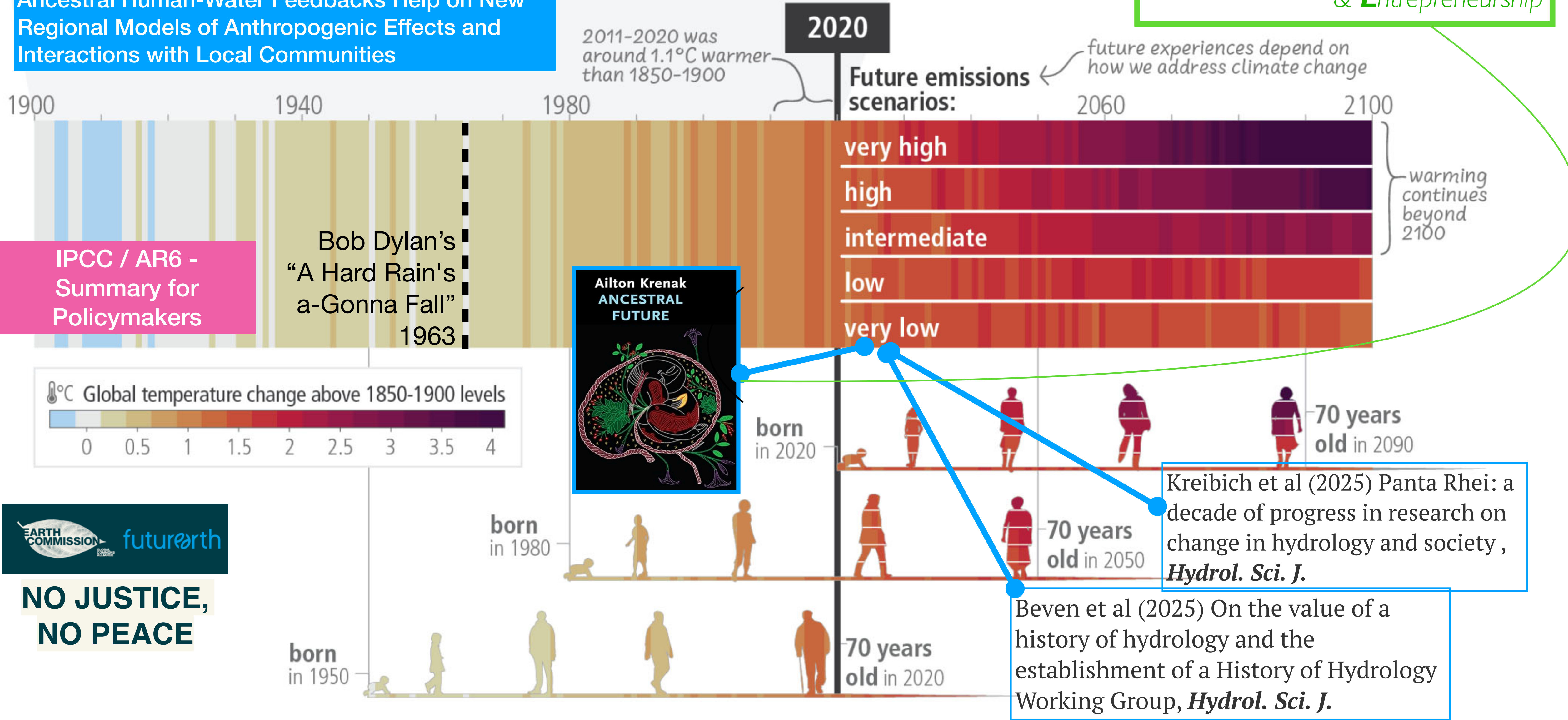
Inspired by:



c) The extent to which current and future generations will experience a hotter and different world depends on choices now and in the near-term

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SUSIE - Sustainable Observatory for Planetary Health with Innovation & Entrepreneurship

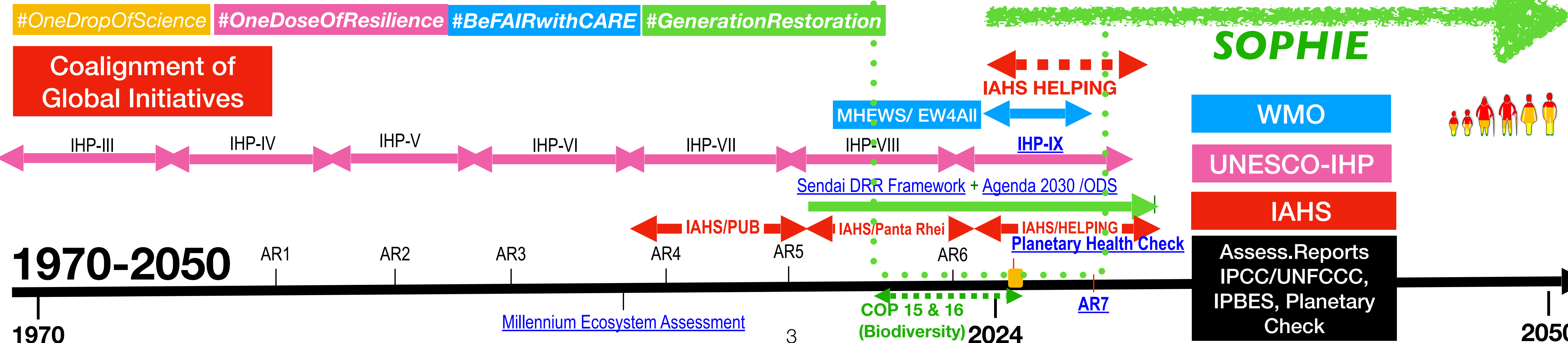
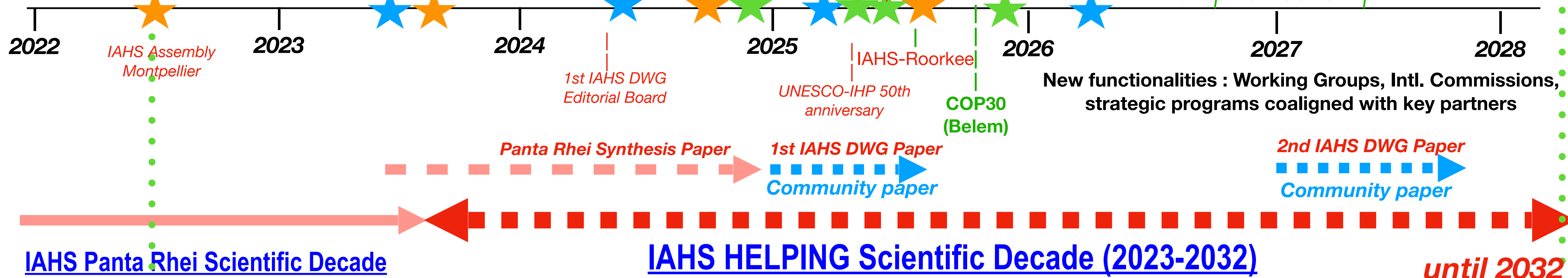


#OneDropOfScience #OneDoseOfResilience #BeFAIRwithCARE #GenerationRestoration

2022-2032

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SOPHIE - The Sustainable
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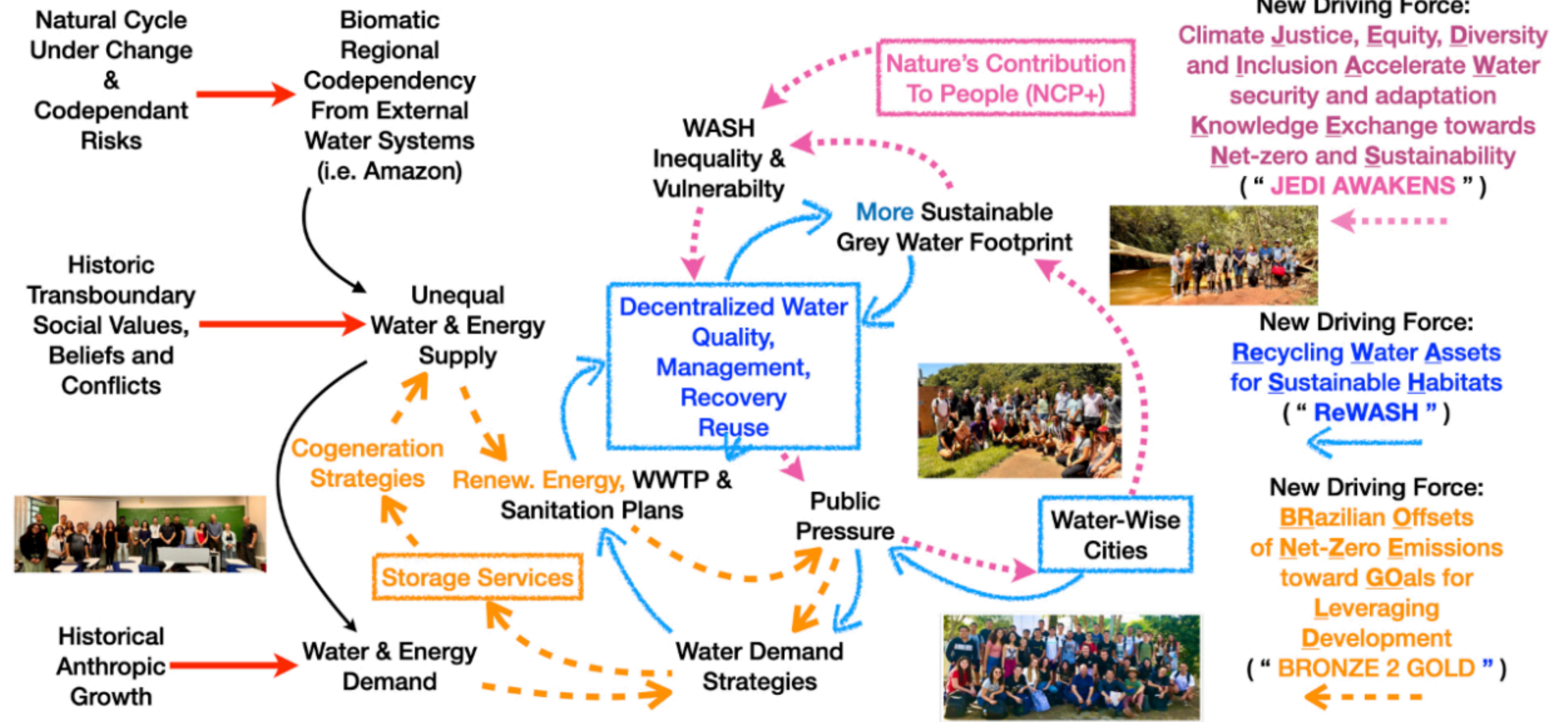
Regional-to-Local Codependent Human-Water Cycles for Community Resilience

SOPHIE - The **S**ustainable **O**bservatory for **P**lanetary **H**earth with **I**nnovation & **E**ntrepreneurship
...but ameliorates ...

**Coevolution of the Amazon
Sanitation Hygiene Paradox...**
("C.A.S.H. Paradox")

... worsened by
GWF in Rapidly-urbanized areas...

... with feasible Human-Water
Feedbacks from Panta Rhei



Amazon Forest trees in 2002. Honesly I am not sure my kids will see them alive in the next decades, but I am confident some legacies from IAHS' PUB, Panta Rhei and HELPING Scientific Decades will provide pathways for adaptation, mitigation and resilience ...

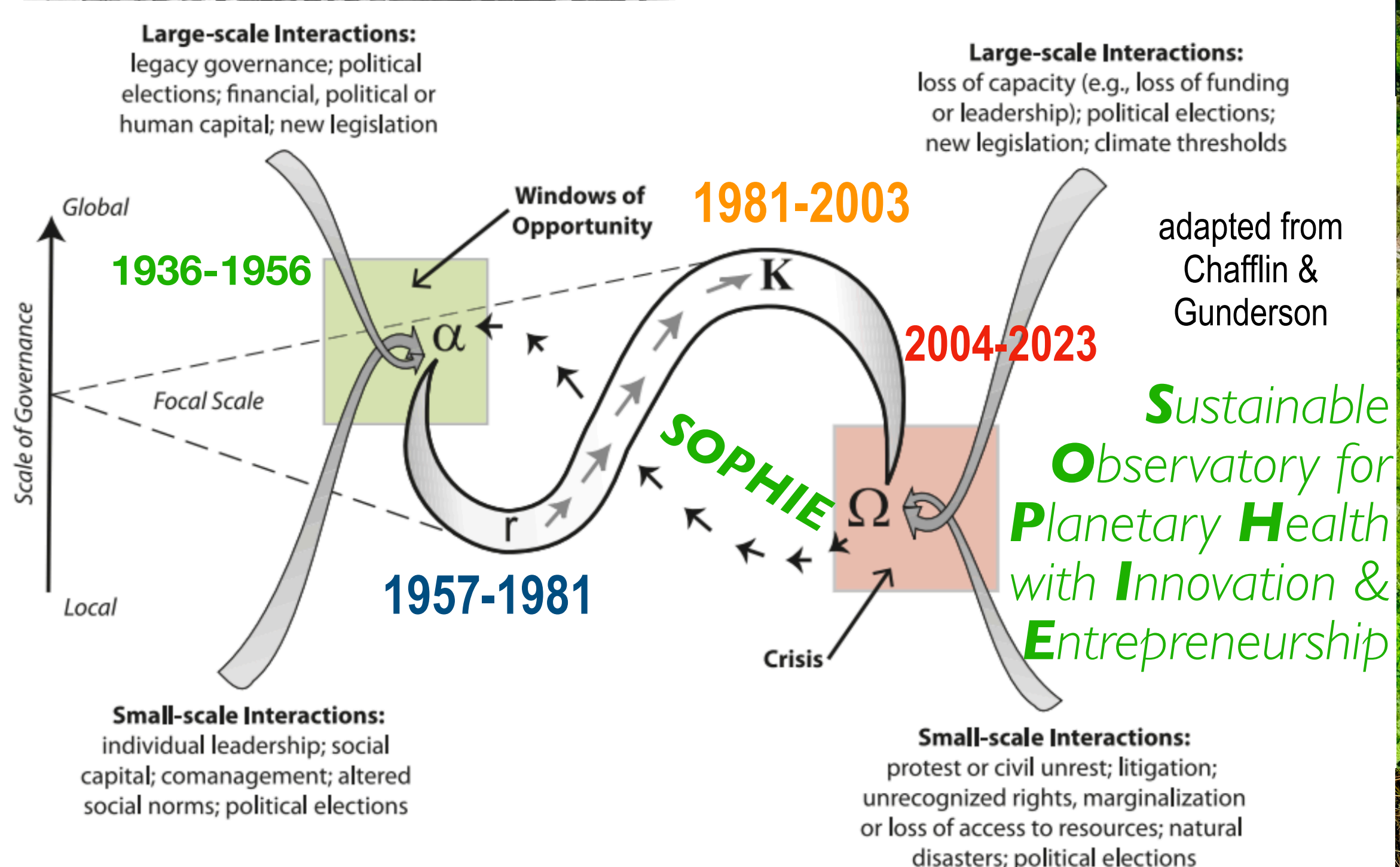


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UAV-3D model
for digital twin of
blue-green
systems with
ancestral water
knowledge
through SOPHIE



Source:
G. Marinho-Silva (2024)
New knowledge cogeneration model for water infrastructure
transition adapted to water storage risks, FAPESP 23/14179-4



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