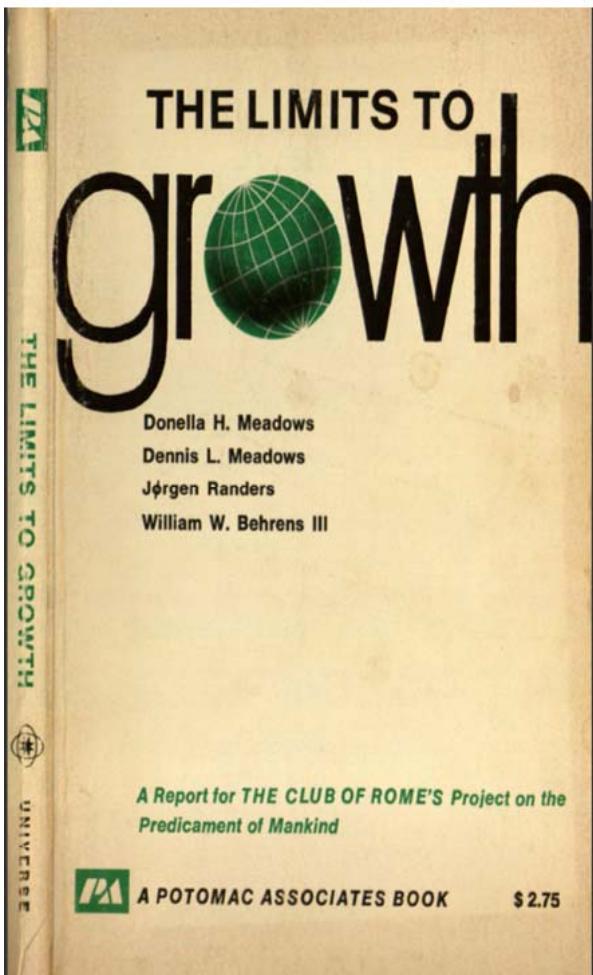


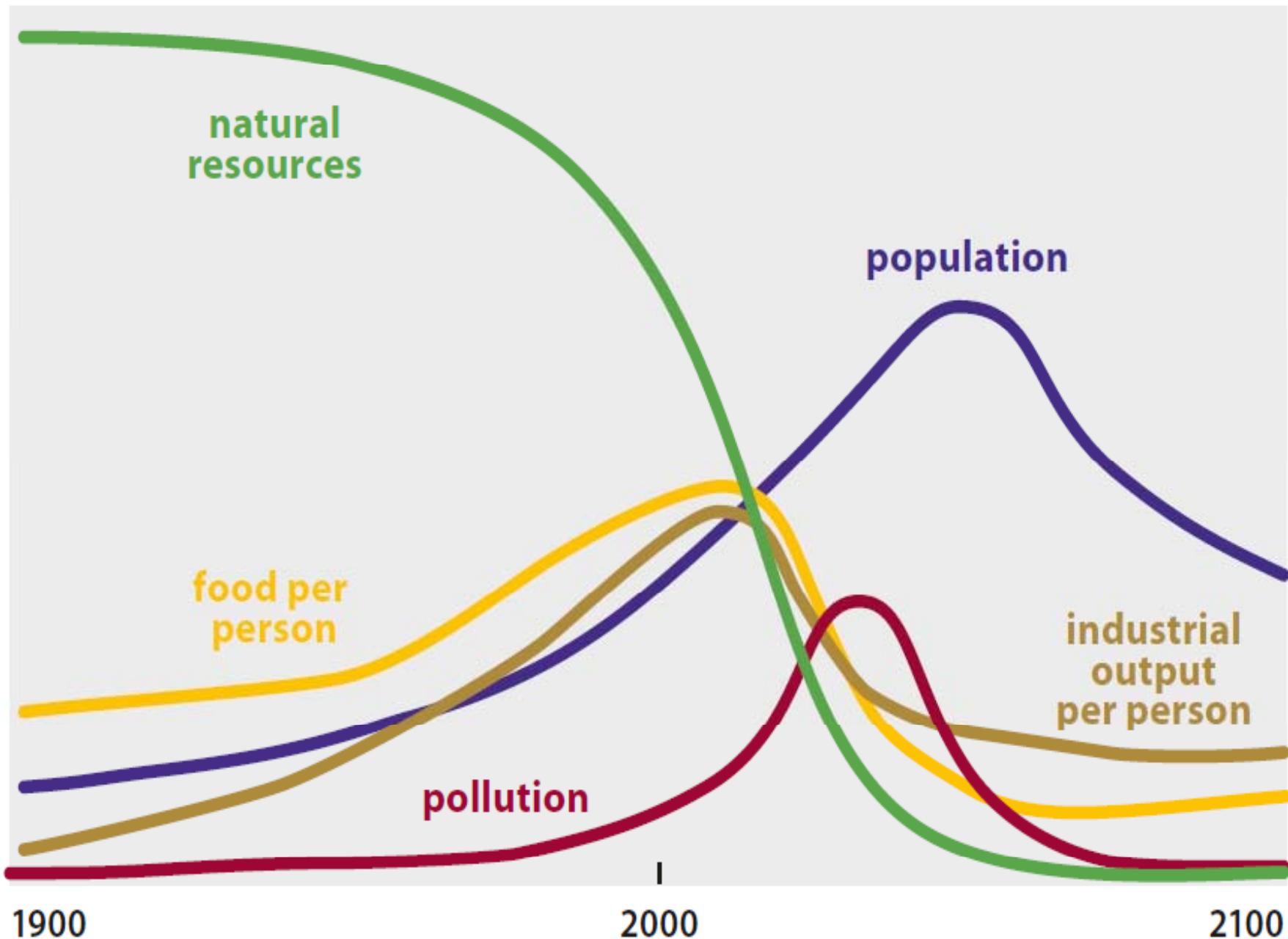


# Living Within Limits

Gianfranco Bologna  
Scientific Director WWF Italy







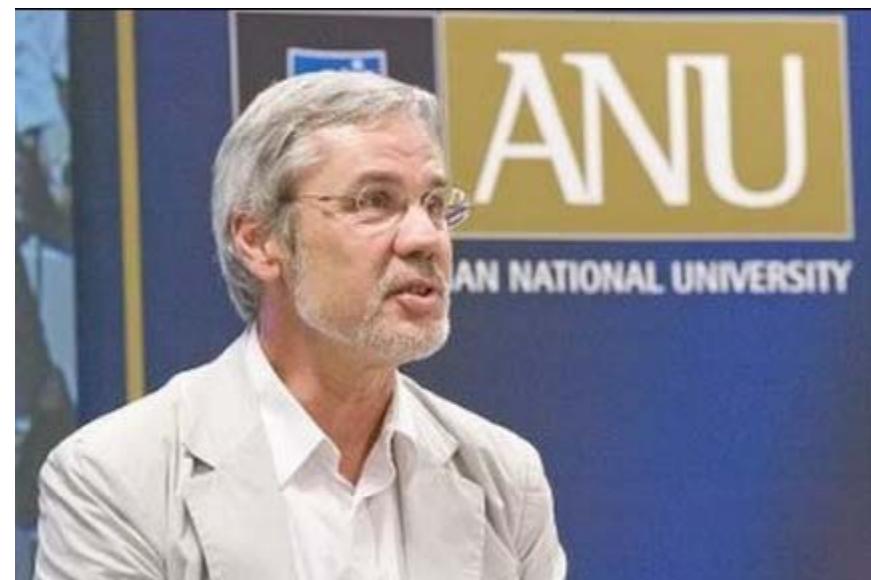


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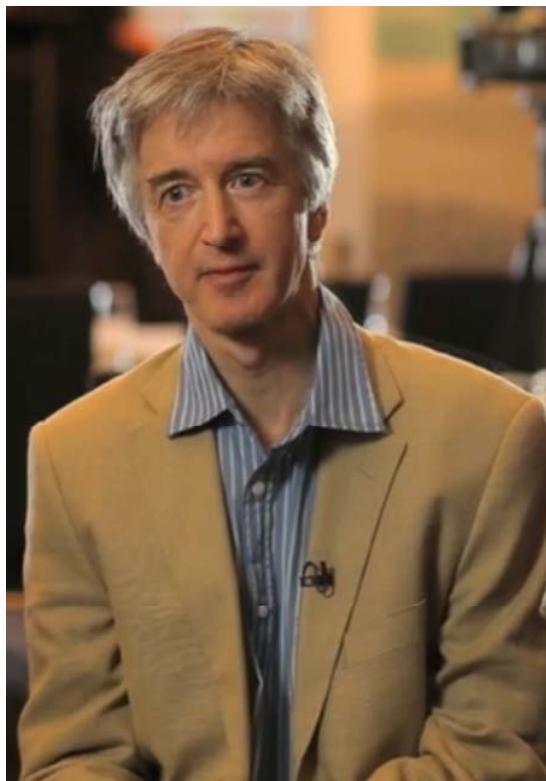
W. STEFFEN  
A. SANDERSON  
P. D. TYSON  
J. JÄGER  
P. A. MATSON  
B. MOORE III  
F. OLDFIELD  
K. RICHARDSON  
H.-J. SCHELLNHUBER  
B. L. TURNER II  
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# Global Change and the Earth System

A Planet  
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# The Anthropocene: A New Epoch of Geological Time?





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# Global Warming of 1.5°C

**UN IPCC 1.5 degree report draws upon research developed by Future Earth's community**

All IPCC special report on the impacts of global warming of 1.5°C

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From:

"Limits to growth"

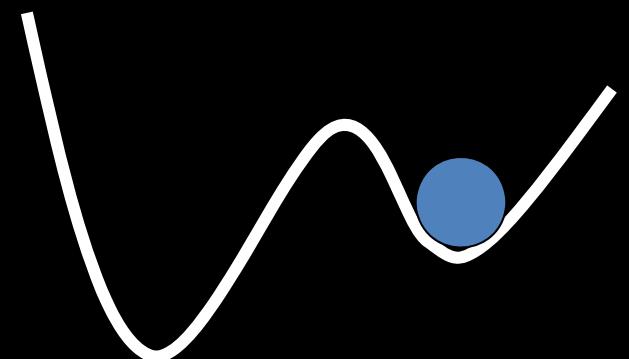
"Carrying capacity"

"Guardrails"

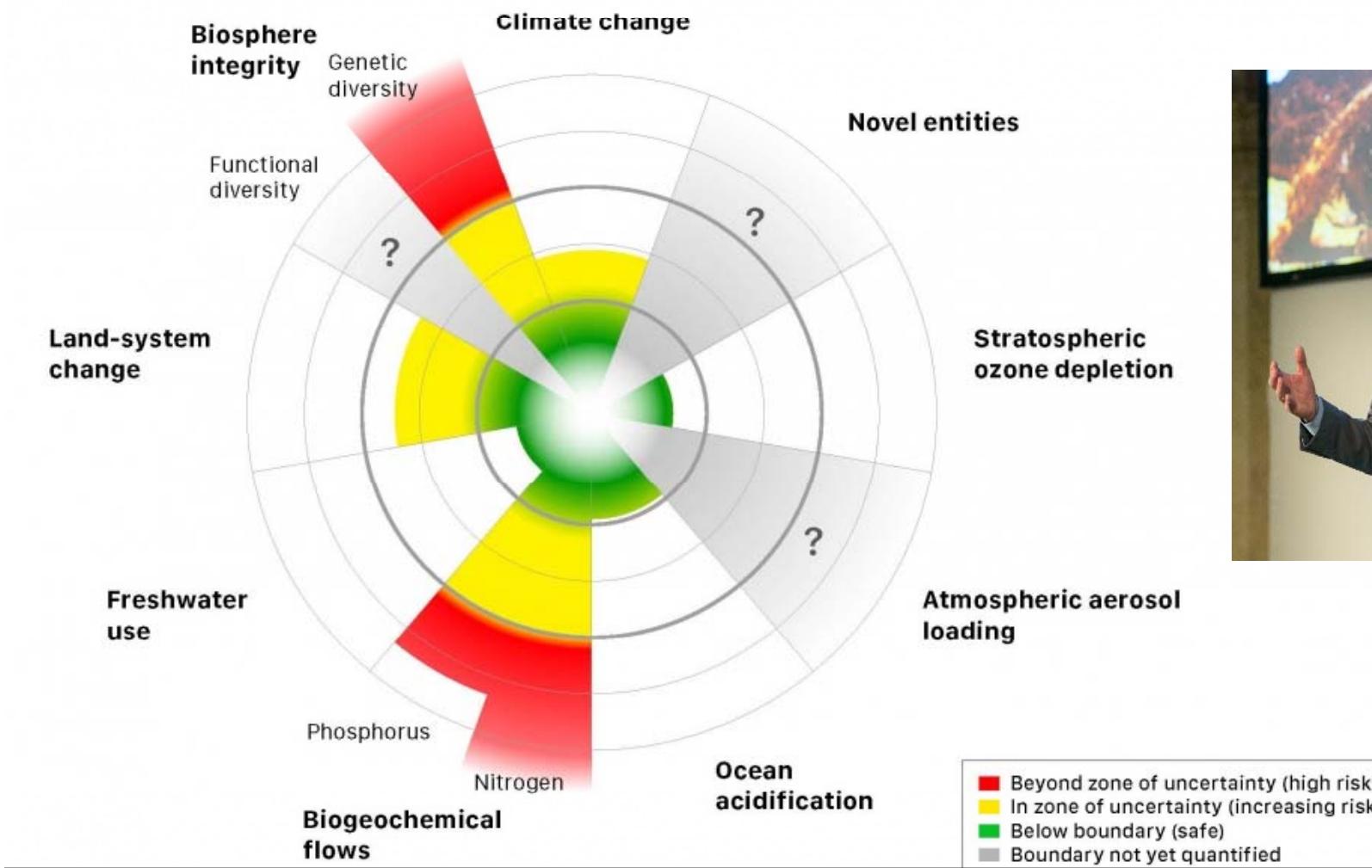
"Tipping Elements"

To:

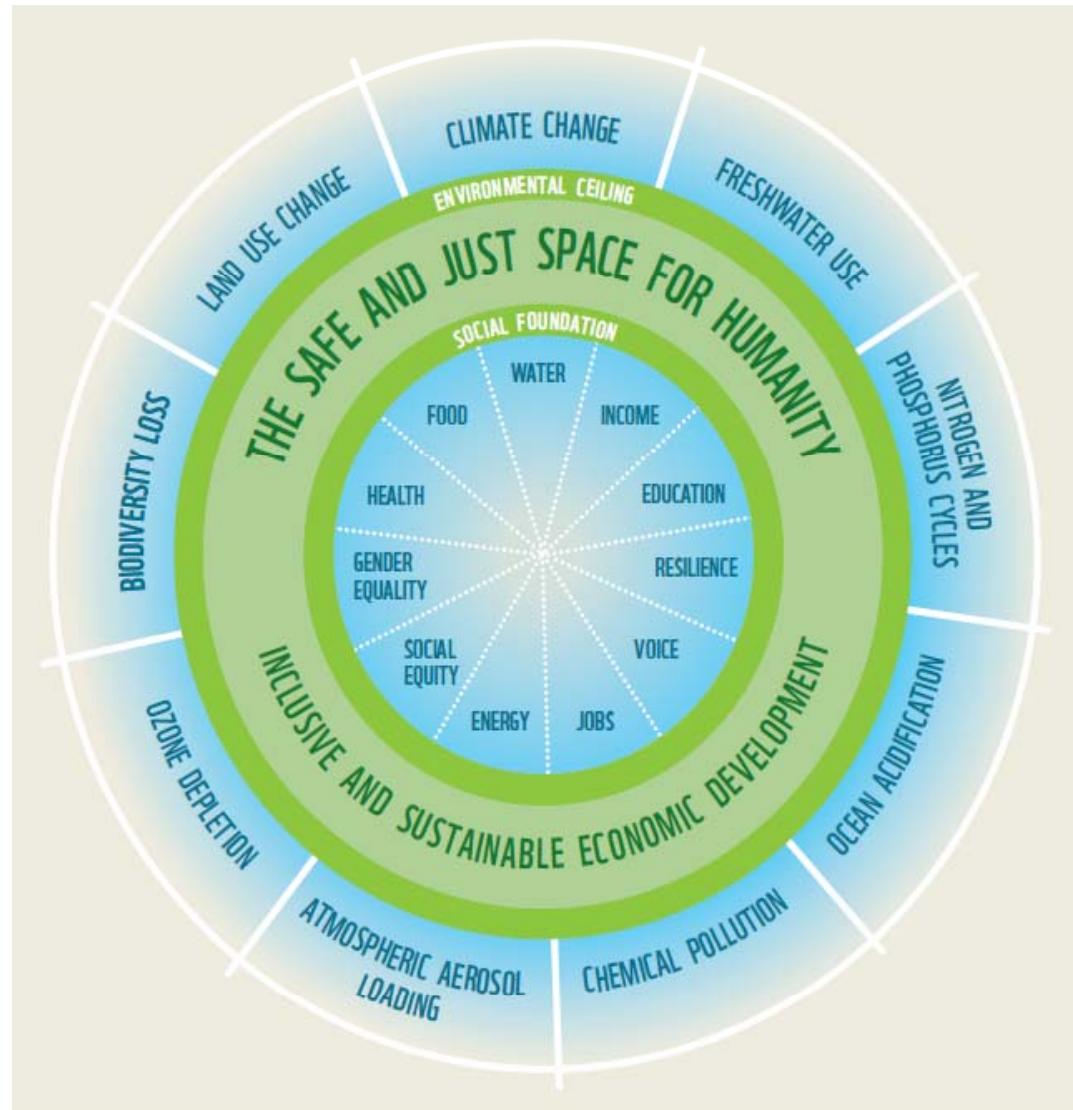
"Planetary Boundaries"

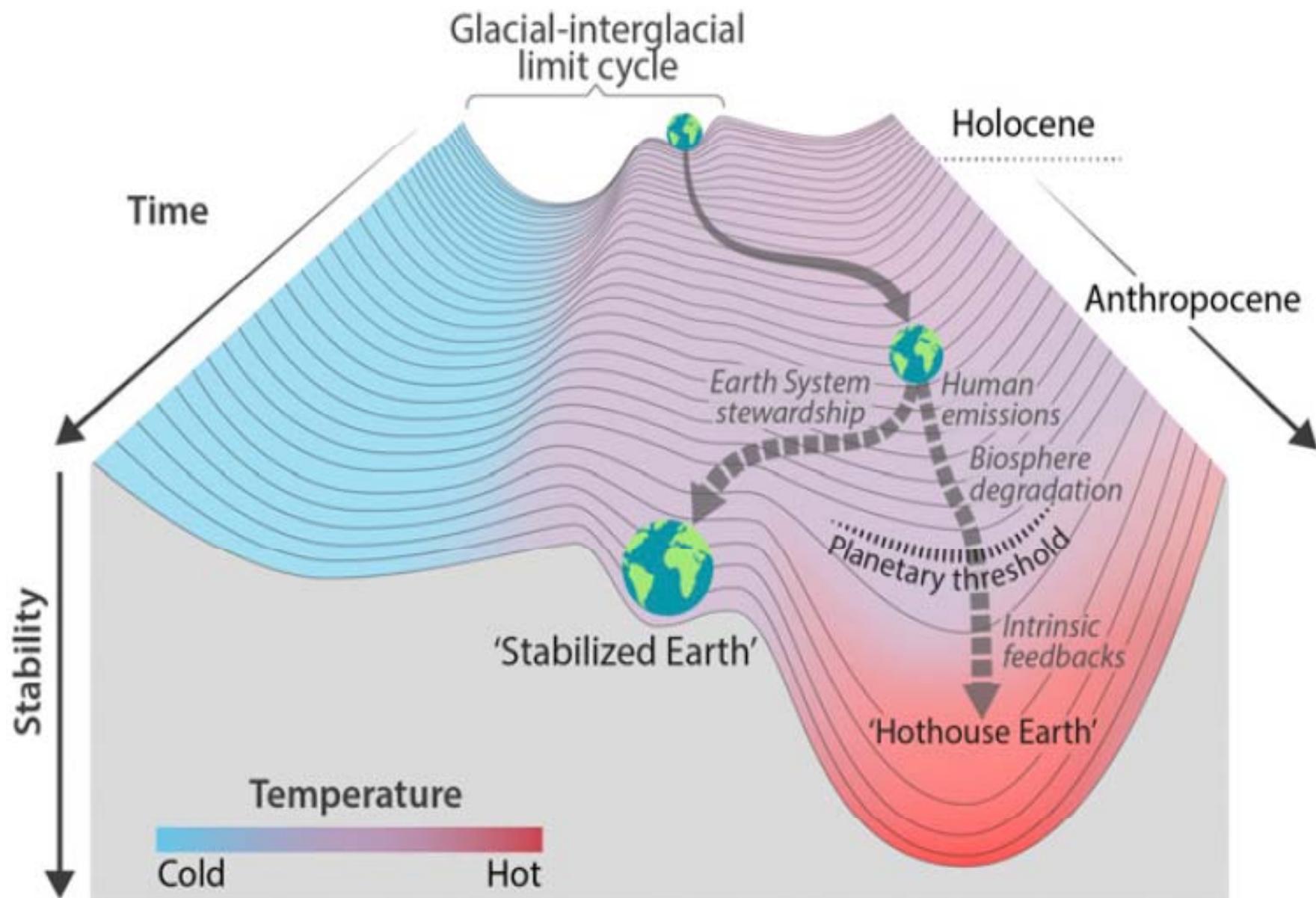


# Planetary Boundaries

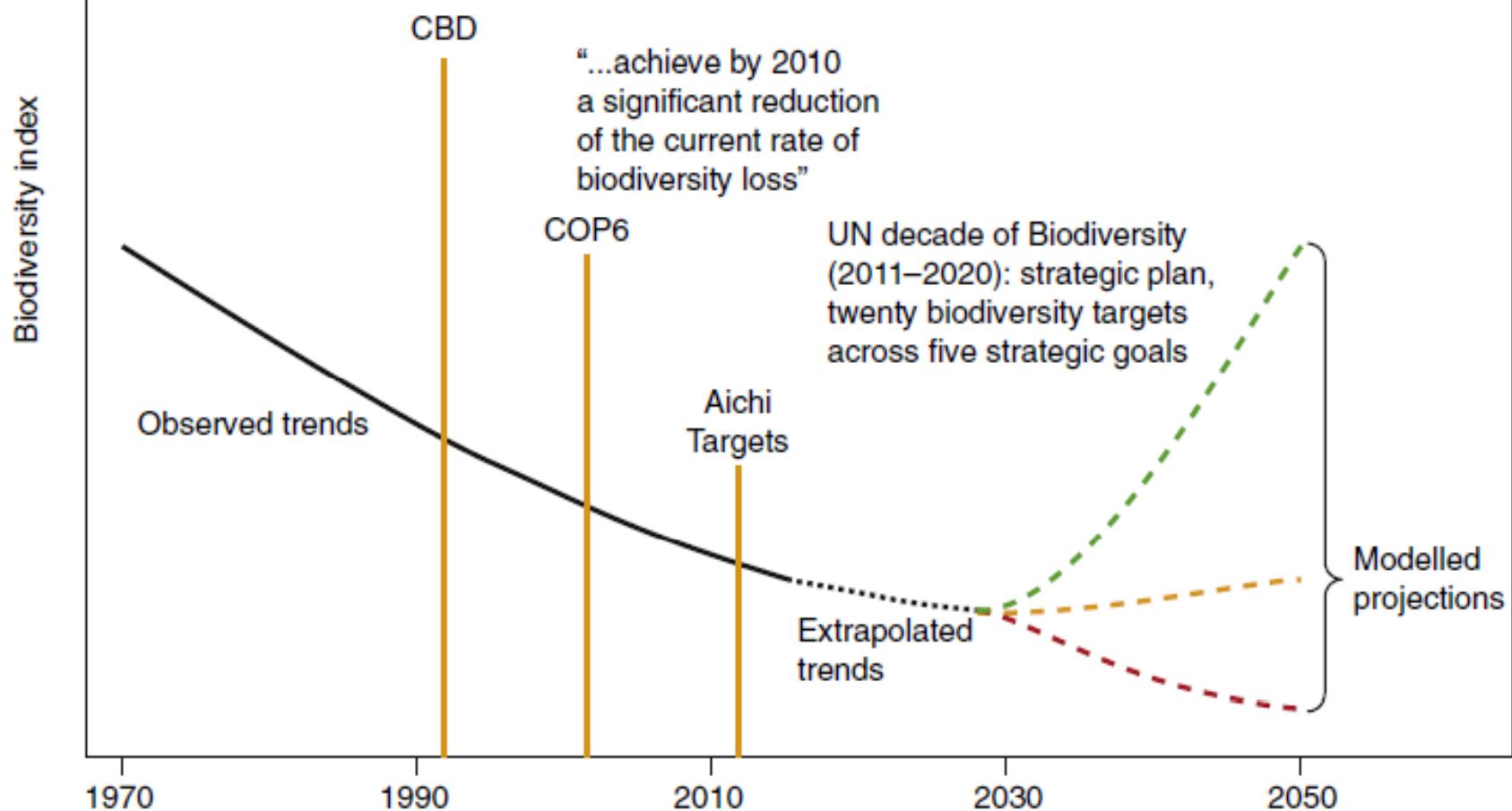


# Doughnut Economics





"Develop national strategies, plans or programmes for the conservation and sustainable use of biological diversity; Integrate [...] the conservation and sustainable use of biological diversity into relevant sectoral or cross-sectoral plans, programmes and policies"





**Stockholm Resilience Centre**  
**Report**  
 October 2018

**Transformation is feasible**

How to achieve the Sustainable Development Goals within Planetary Boundaries

A report to the Club of Rome, for its 50 years anniversary 17 October 2018

A report to the Club of Rome by: Jorgen Randers, Johan Rockström, Per Espen Stoknes, Ulrich Goltka, David Collste and Sarah Cornell

Stockholm Resilience Centre  
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# The Choice is Ours

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