

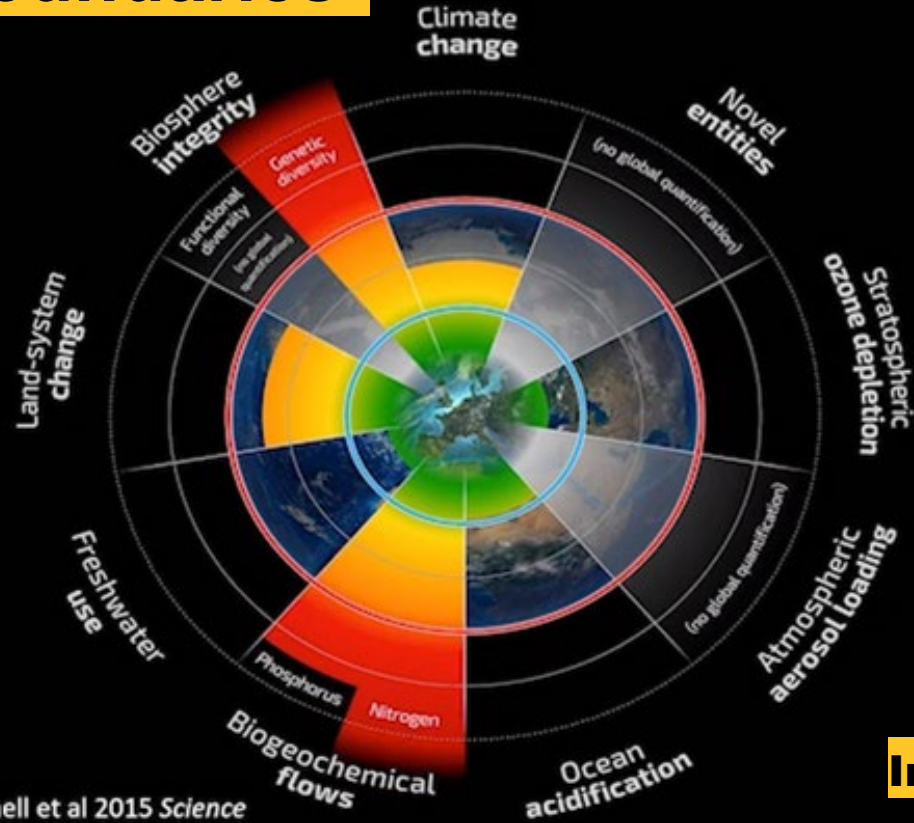


Global Leadership in the 21st Century

Strategies for Transformative Global Leadership

UNOG & WAAS Conference

Planetary Boundaries



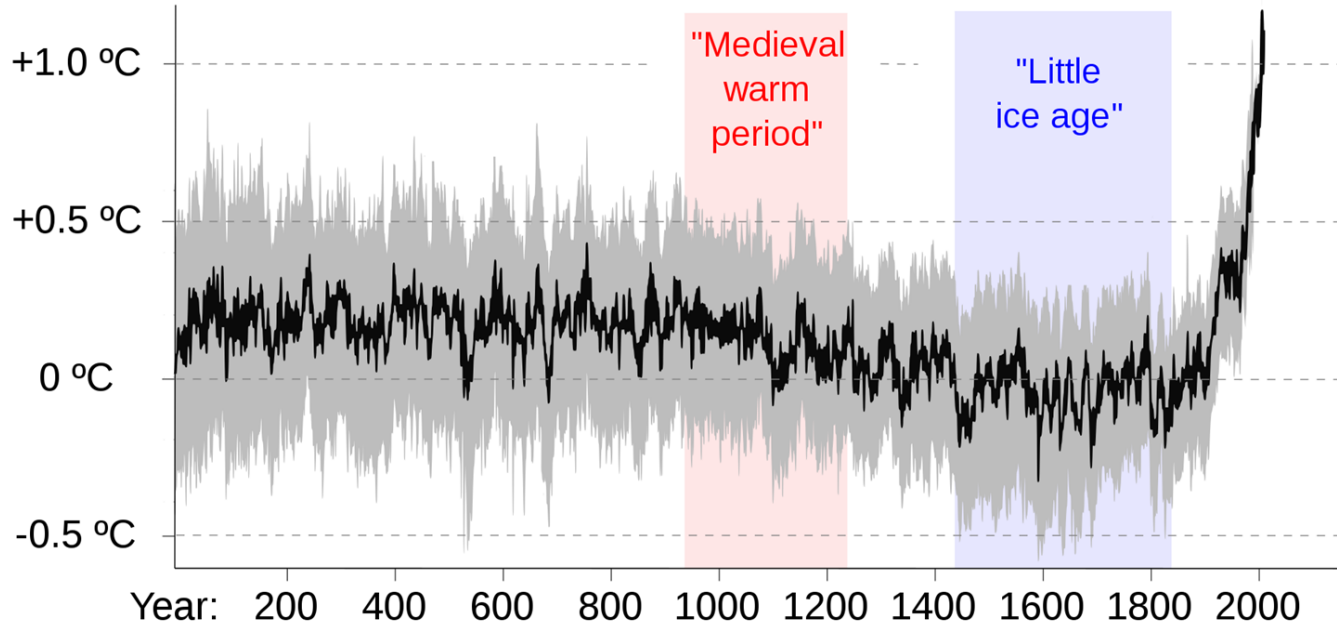
Steffen, Rockström, Cornell et al 2015 *Science*

Image: Globaia

Interconnectedness

Covid-19 & Climate Change Exponential Threat

Global Average Temperature Change



From graphic by Ed Hawkins. Data: from PAGES2k (and HadCRUT 4.6 for 2001-). Reference period: 1850-1900.

Strategies for Transformative Global Leadership



Transdisciplinary Catalysts

Business and consumer action

Silos to systems thinking

Technological Solutions

Policy Frameworks & Incentives

**Academia & Civil Society- Transdisciplinary
solutions to wicked problems**

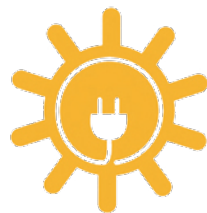
Action at the Local Level

Aloha+ UN SDGs



“We’re still in”

- Hawaii first state to
- Recommit to the Paris Accords (24)
 - 100% Renewable Energy by 2045 (100 million)



MĀLAMA MANDATE





Marta Del Rio

WASI Organics, Peru



Christelle Kwizera

Water Access Rwanda



Shimrit Perkol-Finkel

EConcrete, Israel



**Empower
UN SDG Challenge**



Diagnosis

Greg Asner

Remote sensing & innovative spatial artificial intelligence techniques to inform conservation



Solutions
Partnering with Businesses

**CO₂
Drawdown**

Klaus Lackner

Technology to remove CO₂ from the atmosphere



Solutions
Partnering with Civil Society

Laura Hosman

Offline, solar-powered, localized digital libraries to educate isolated communities

ASU[®] Global Futures
Arizona State University



Shaping tomorrow, today

Global Futures Laboratory

**Our planet is under increasing distress.
We must use our knowledge to act now.**

**#1 in the U.S.
for innovation
ahead of Stanford & MIT**

- U.S. News & World Report, 2016-2020

**#1 in U.S. & #5 globally
UN SDG Impact Ranking**

- Times Higher Education | World University Rankings, 2020

INVITATION TO COLLABORATE

A globe of the Earth is centered in the image, showing continents and oceans. Overlaid on the globe is a complex network of white lines connecting numerous small, glowing white and green dots, representing a global network or digital connectivity. The background is a dark blue space with streaks of light and distant galaxies.

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