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## **Future Earth Finance and Economics**

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### **The Anthropocene**

**We are altering the  
biogeochemistry of  
the planet itself,  
destabilizing climate  
and influencing co-  
evolution at the  
planetary level.**



## **Ecological overshoot**



**Human perturbation overcomes four planetary boundaries (climate change, biosphere integrity, biogeochemical flows, and landsystem change) which define safe operating space for humanity.**

## **The responsibility of business**

**Business is the most powerful player in the Anthropocene and is mainly responsible for the degrading state of the biosphere in the last 50-60 years. Business related activities including material consumption caused most of the negative effects in the biosphere.**

## **The importance of business models**

**The key problem is the nature, form and scale of business operations. The business models of today's mainstream business do not fit in the reality of the biosphere.**

**Business models vary but almost none of them are consistent with the flourishing life on Earth (including human, non-human and future life).**

## **Emerging research areas (1)**

**Climate Finance (Concordia University, Montreal)**

**Sustainable Investing (UNEP Financial Inquiry, Geneva)**

**Ecological Economics (McGill University, Montreal)**

**Business Sustainability and Ethics (Corvinus University of Budapest)**

## **Emerging research areas (2)**

**Social and Environmental Accounting (University of St. Andrews)**

**Organization and Environment (Colorado State University, and Duquesne University)**

**Integrated Risk Governance (Institute for Advanced Sustainability Studies, Potsdam)**

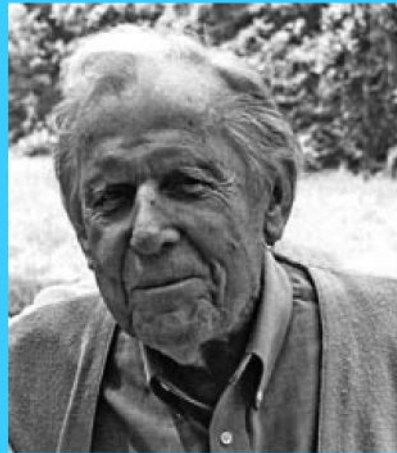
**Financial Markets (Network for Sustainable Financial Markets, USA)**

## **Reinventing business**

**To achieve meaningful change in the humanity-nature nexus we have to reinvent the way business functions today. How can business become ecologically conscious agent which operates within limits, that is, uses only its “fair earth share” and contributes to the richness of life on Earth?**

## Thomas Berry, C.P.

**„From here on, the primary judgement of all human institutions, professions, and programs and activities will be determined by the extent to which they inhabit, ignore or foster a mutually enhancing human-Earth relationship.”**



## Caring economics

