

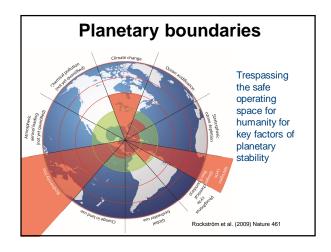
Sustainable Development

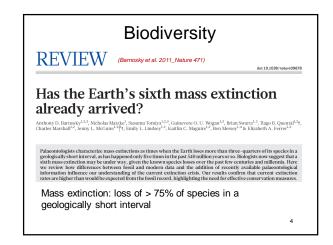
Harmonizing Development & Environment

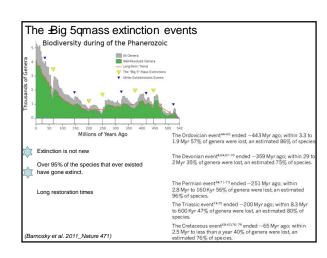
Jean Hugé, Bruno Verbist, Tom Waas

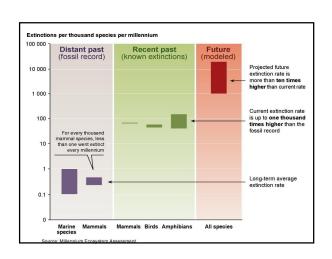
Educaid 11-10-2016

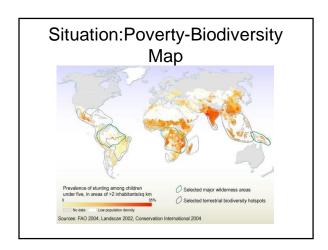
The Environment

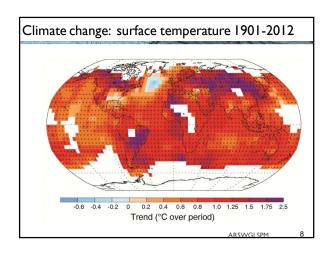


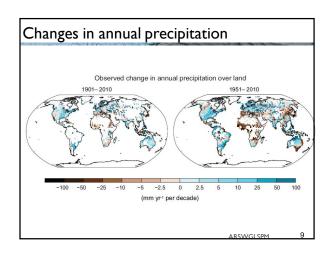


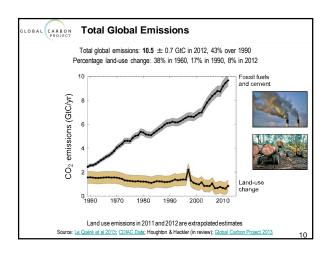


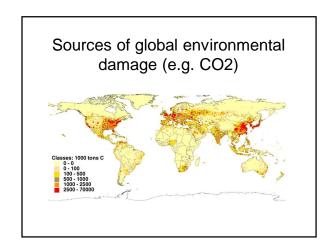


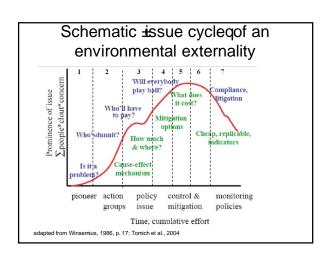












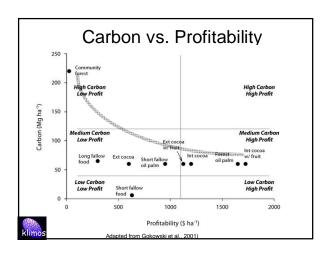
What can we do? Mitigation-adaptation-development

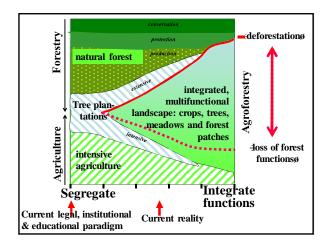
- Sustainable energy for all (<u>www.se4all.org</u>) universal energy access,renewable energy, energy efficiency
- " Improved land use: forests, agro-forestry, %dimate smart agriculture+
- " Climate proofing of programs, projects, õ

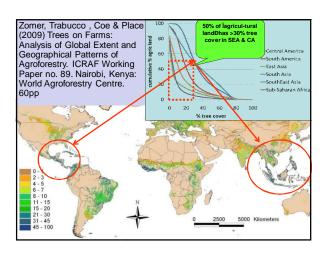
What landscape is most functional for õ

- " Biodiversity
- " Mitigation
- Adaptation
- Income generation
- " Development







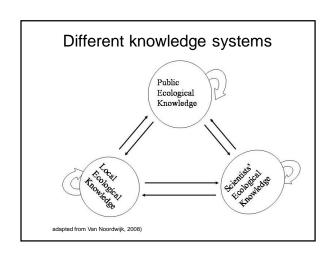


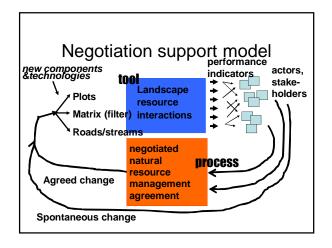


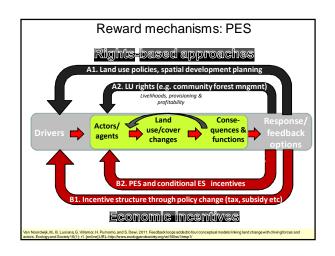




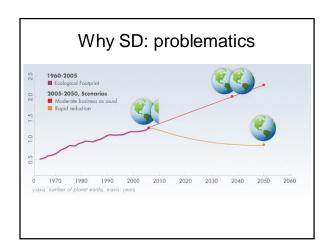


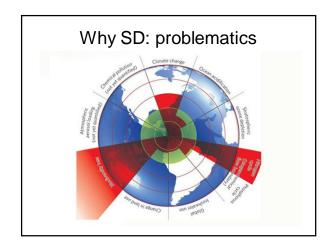


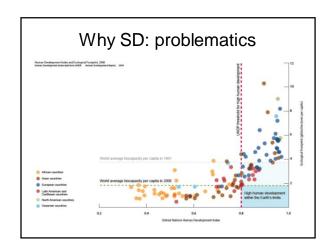


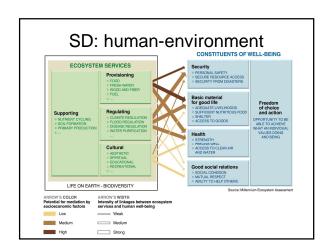


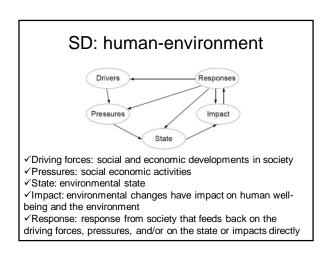
Sustainable Development







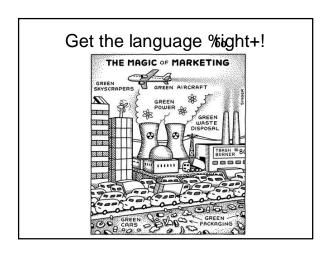


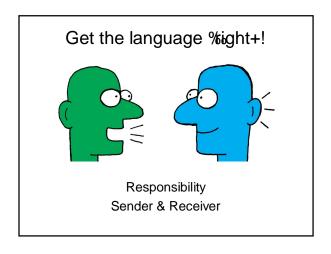


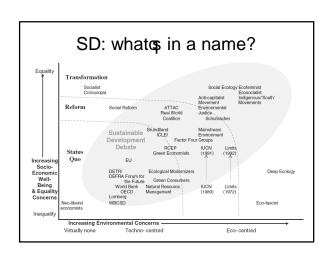


Get the language % ight+!

- " Sustainable
 - . Sustainable development (SD)
 - . Sustainable energy, education, agriculture, õ
- Sustainability
 - . Synonym SD
 - . Distinction SD (econ/env & goal/process)
- " Lasting (product quality)
- " Use vs Mis+use







SD: whates in a name?

Sustainability consists of many discourses

Discourse is $\pm\!a$ way of seeing and talking about somethingq

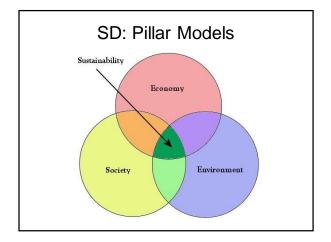
(At least) 3 main macro-discourses can be identified:

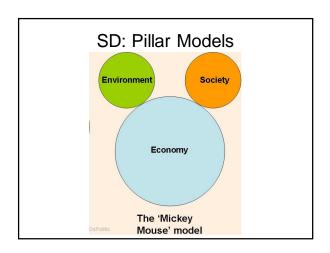
Sustainability is:

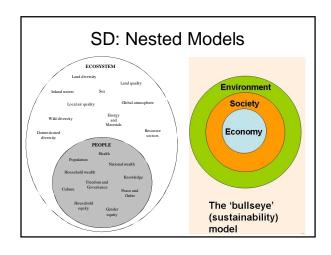
- The <u>pragmatic integration</u> of development and environmental goals;
- " The idea of limitations on human activities; or
- A process of directed change/transition

SD: Interpretational Limits

- Normativity principle
 - . Socially constructed (values/no objectifiable theory)
- Equity principle
 - . Inter-/intragenerational; geographical; procedural; interspecies
- " Integration principle
 - . Various objectives
- Dynamism principle
 - Process of change (env & dev); uncertainties & risks









SD: Brundtland

Sustainable development is **development** that meets the needs of the present without compromising the ability of future generations to meet their own needs.+(WCED, 1987)

Sustainable development

- " %be concept of needs q in particular the essential needs of the world poor, to which overriding priority should be given; and
- " the idea of limitations imposed by the state of technology and social organization on the environments ability to meet present and future needs.+ (WCED, 1987)

Sustainable development

*development that meets the needs of the present while safeguarding Earths life-support system, on which the welfare of current and future generations depends.+ (Griggs et al. 2013)



