Soils in the international arena: Why do we do so little?



Hans Hurni University of Bern, Switzerland 9 March 2006

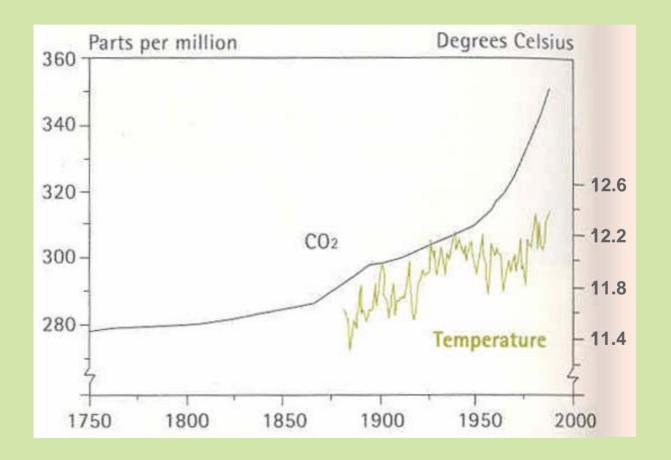
- 1. Climate change
- 2. Demands on agriculture
- 3. Soil and land degradation



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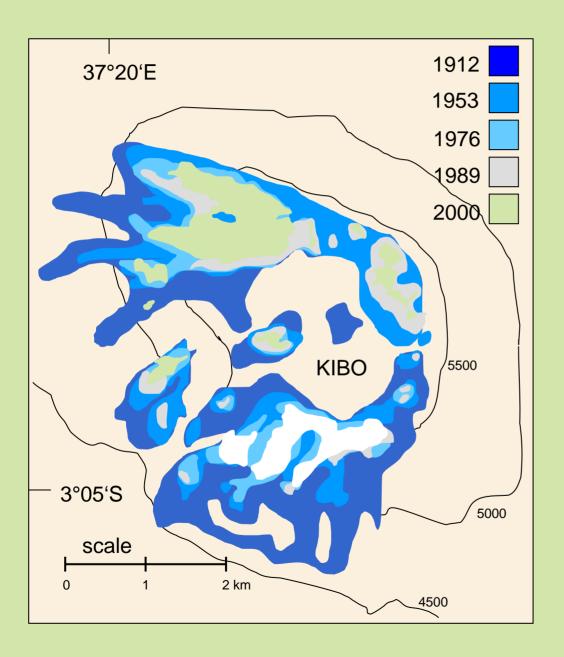


Atmospheric concentration of CO₂ 1750 - 1988 and average global temperatures 1880 - 1998



Source: Worldwatch

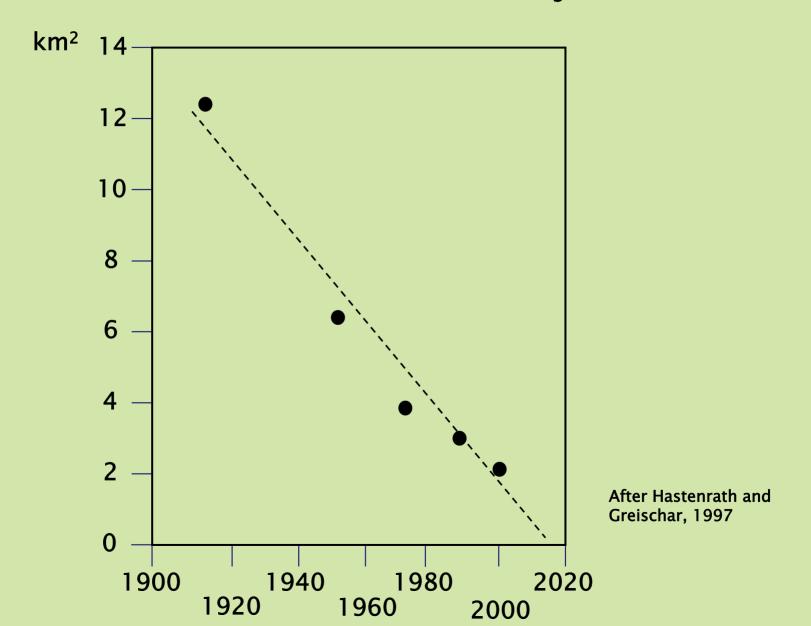




Reduction of ice surface on Mount Kilimanjaro from 1912 to 2000

(Hastenrath and Greischar, 1997)

Trend of ice decrease on Mount Kilimanjaro 1912-2020

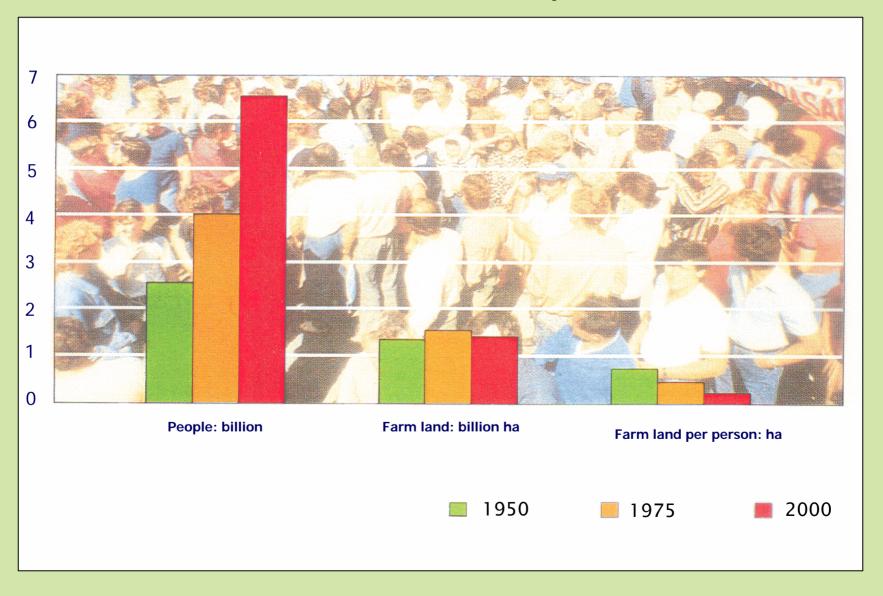




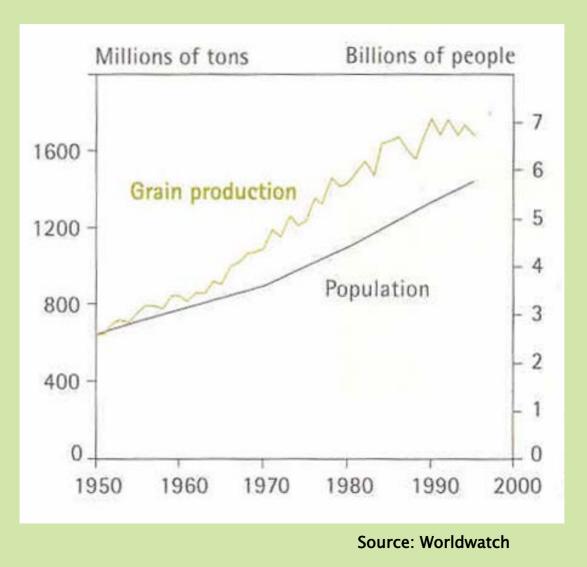
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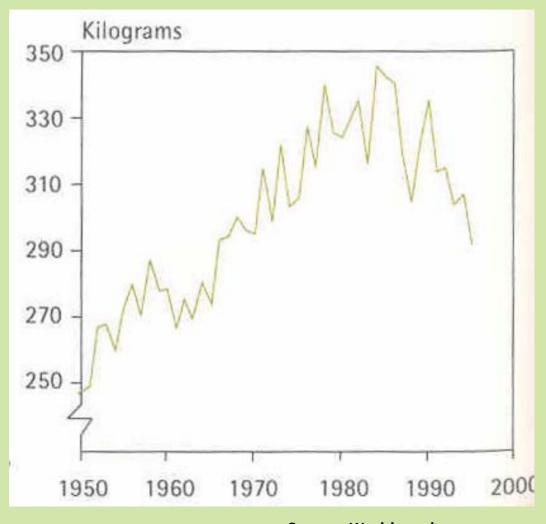
More people means less land per person for food, feed, fibre and fuel production



World grain production and world population 1950 - 1995



World grain production per person 1950 - 1995



Source: Worldwatch







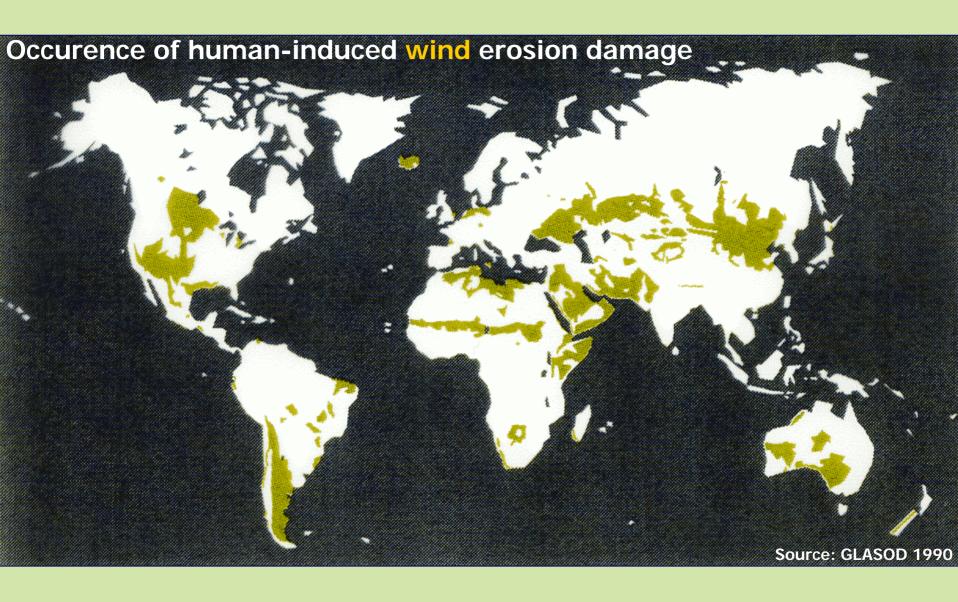




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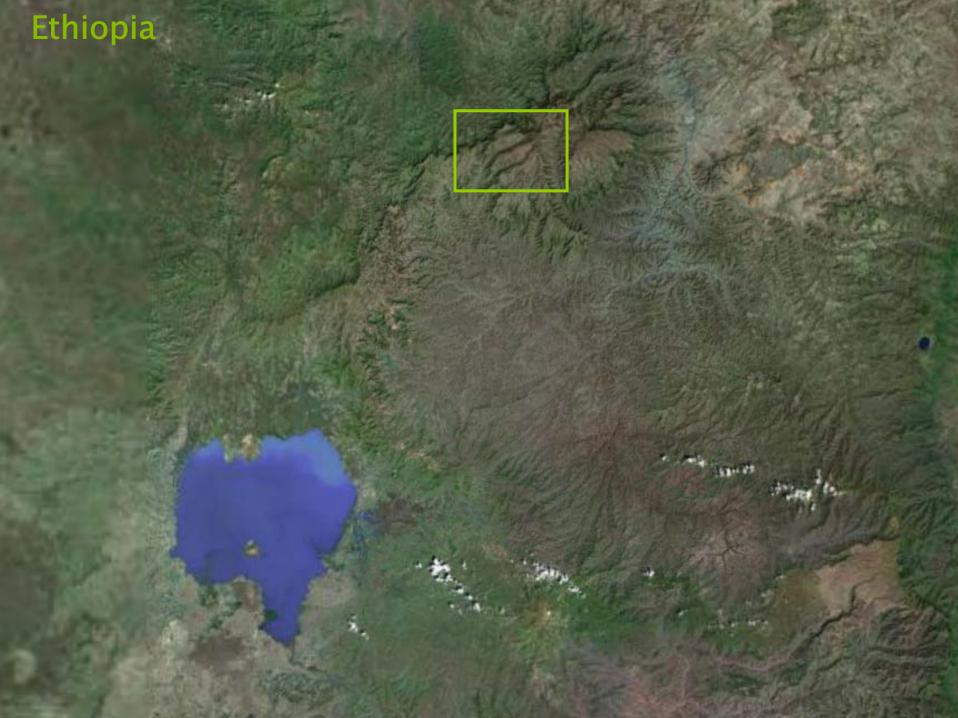






Google Earth





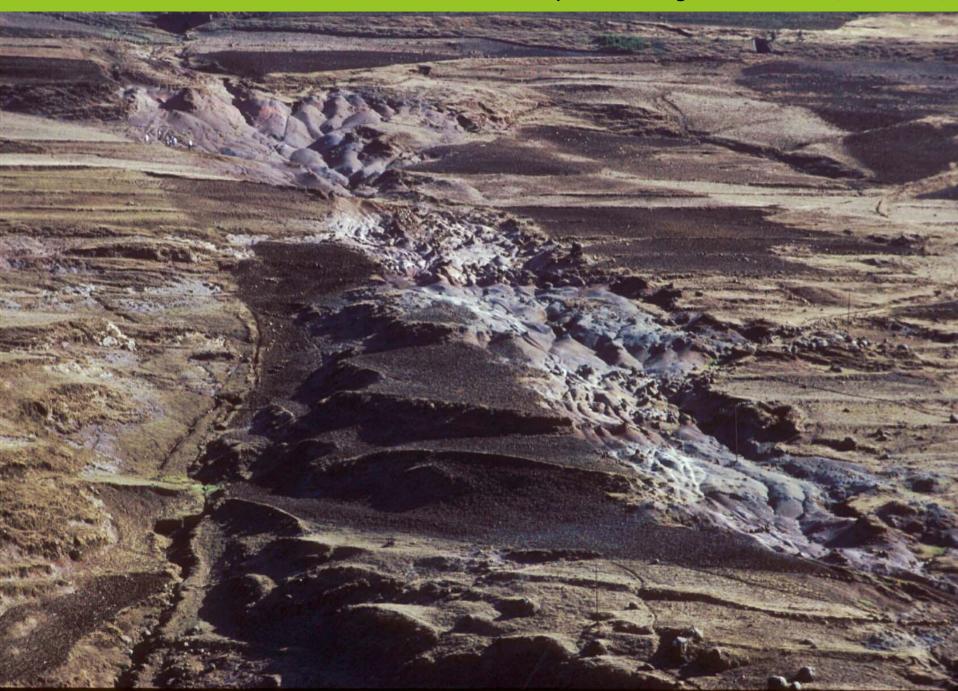
Google Earth

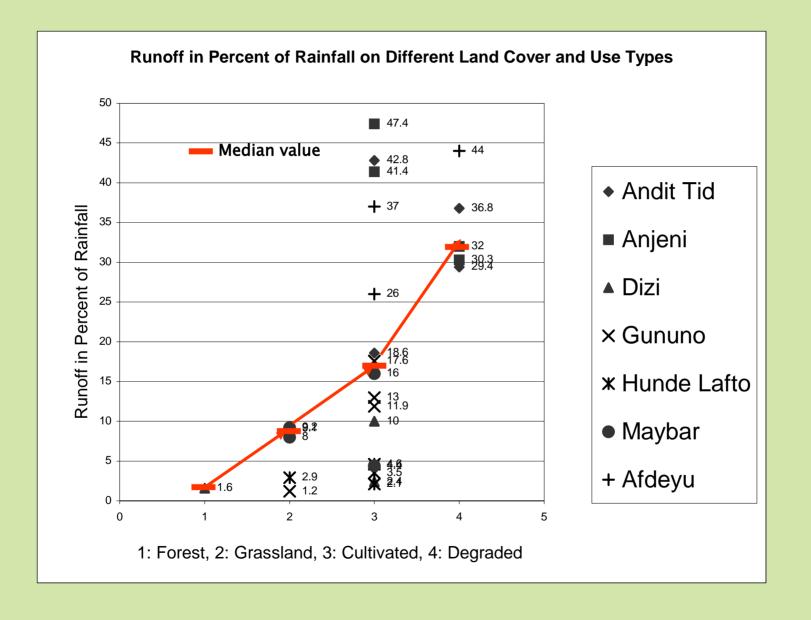


ISRIC 40 Years on: World Soil Issues and Sustainable Development - an Agenda for Action (Hurni Part I)

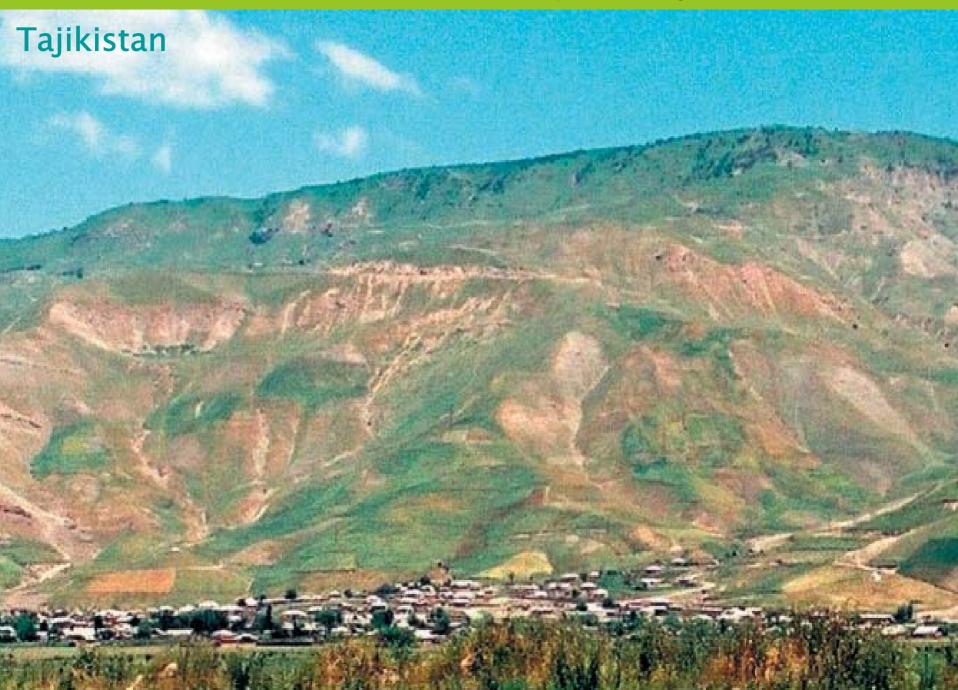


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