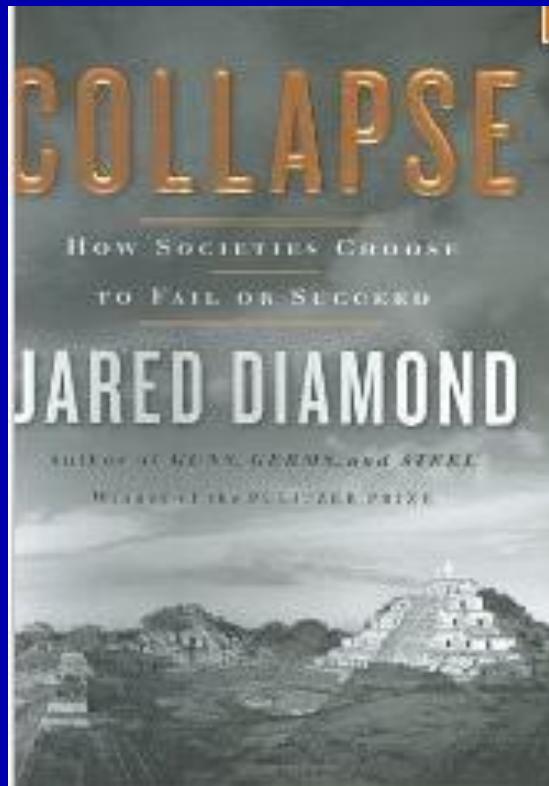
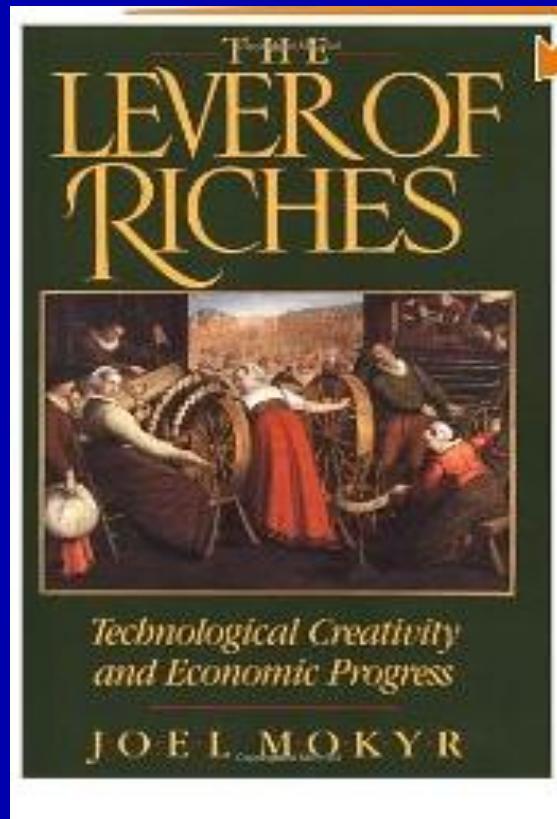


Earth as a Home for Humanity in the Future



How Societies
Choose to Fail or
Succeed



Technological
Creativity and
Economic Progress

Natural resources (water, energy, minerals, land, climate)

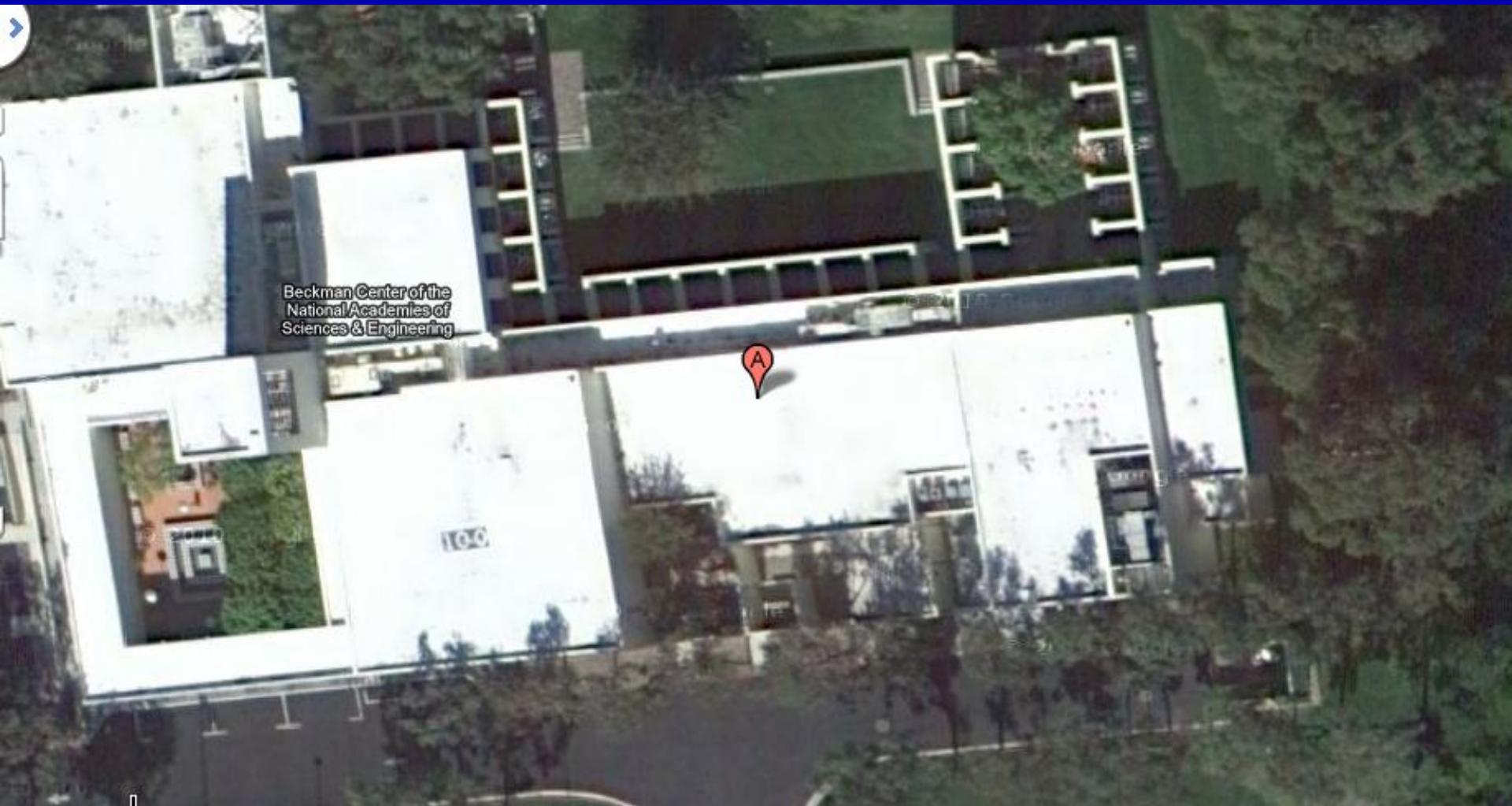
Human and environmental health

Myopic decisions in face of short term hardship

Political, governance, and economic institutions

Technological change, know-how, spirit of inquiry and the institutions that enable, allow, and foster spirit of inquiry





Papua New Guinea

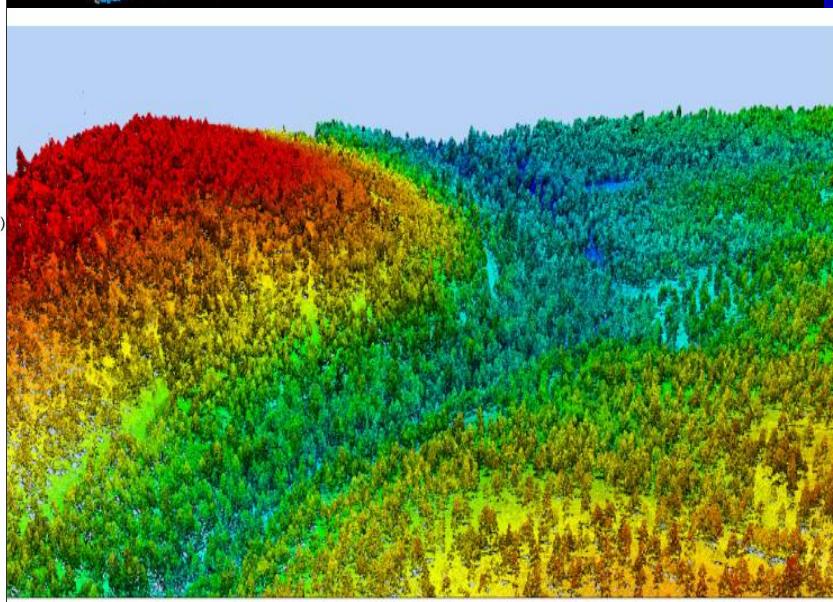
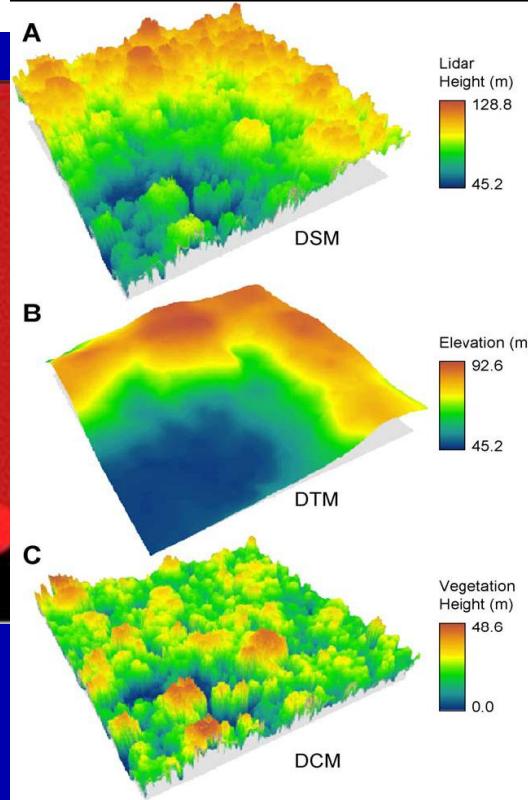
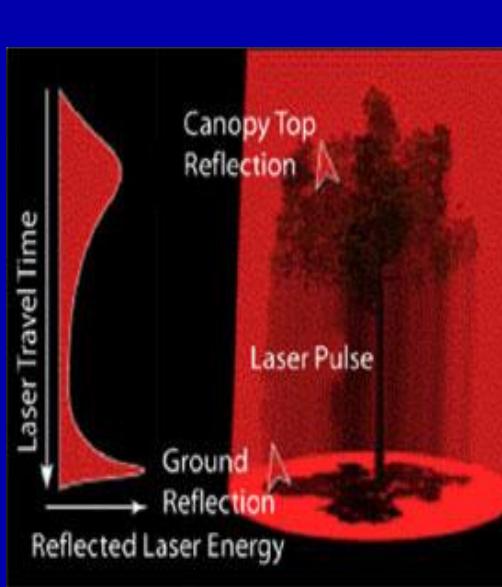
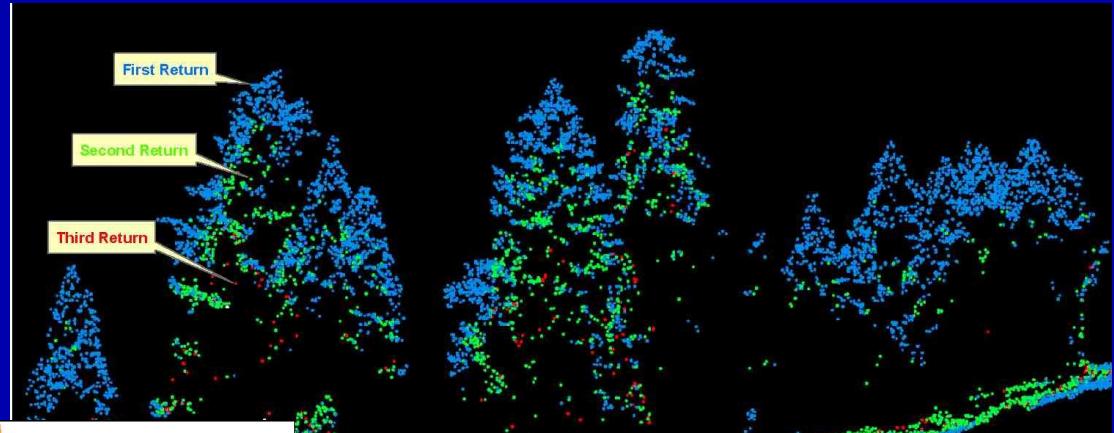
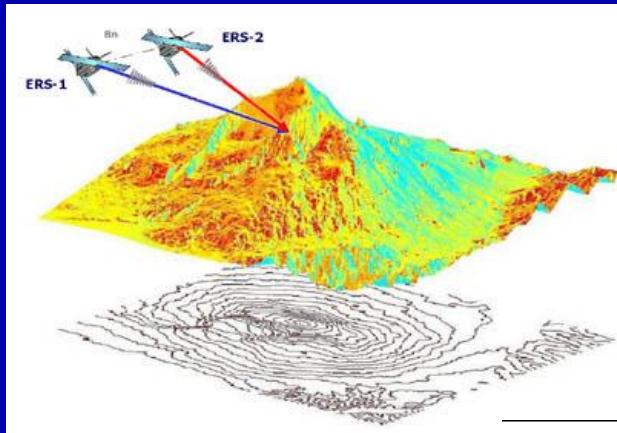


October 31, 2001

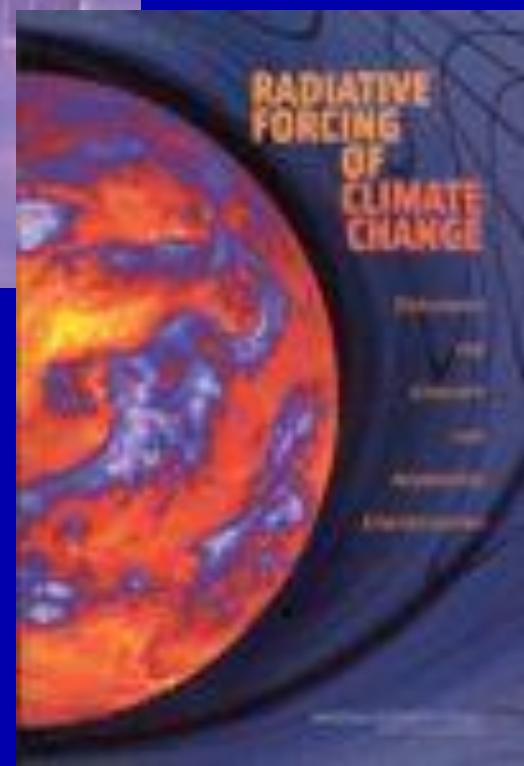
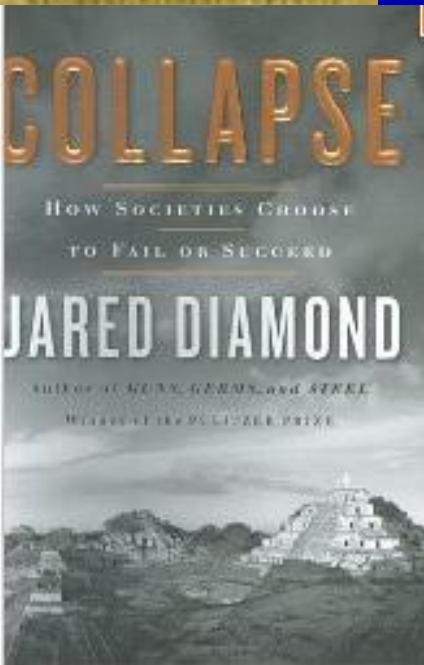
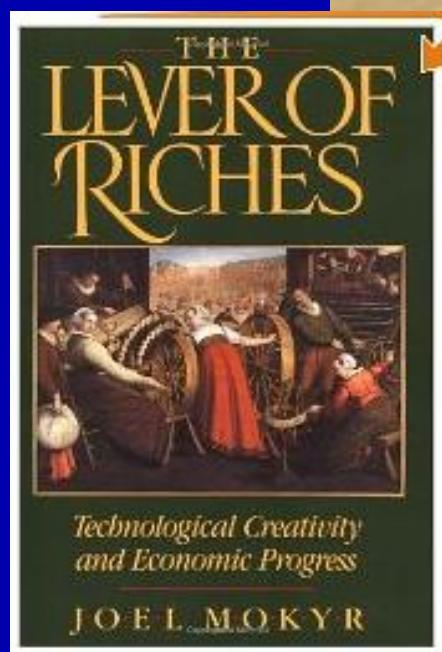
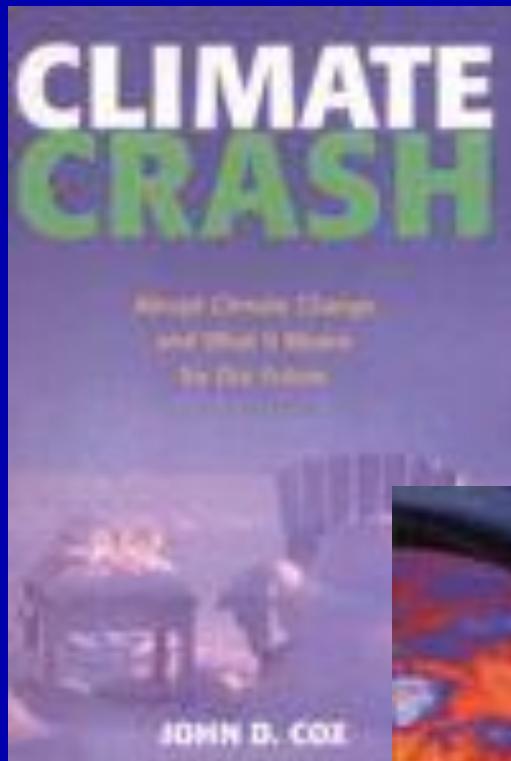
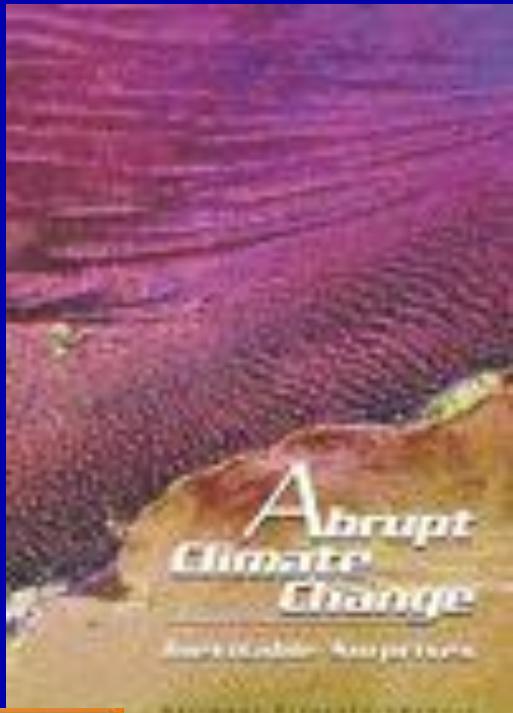


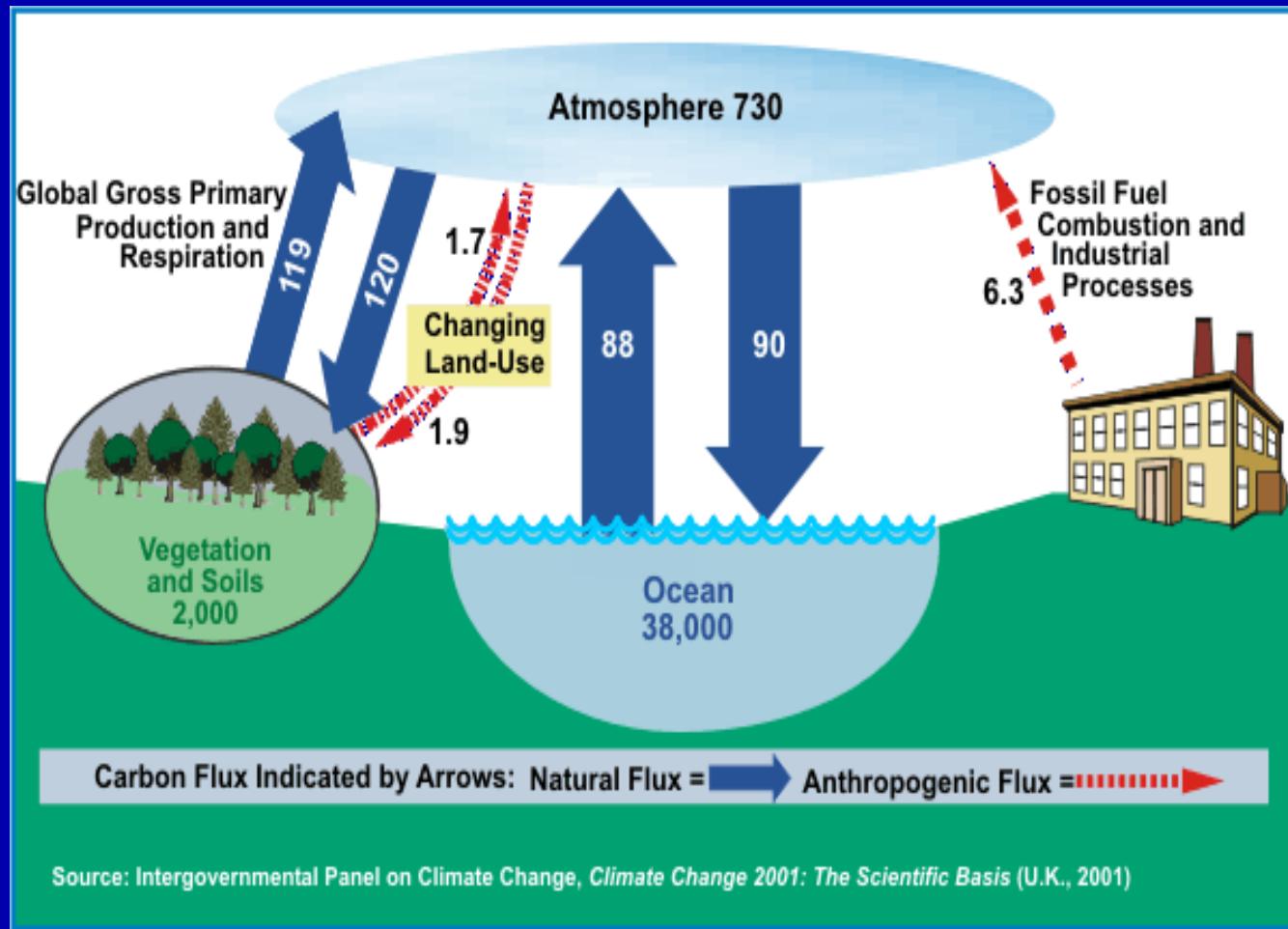
August 21, 1990

NASA



“Just as the invention of the mirror allowed humans to see their own image with clarity for the first time, we can now see ourselves for the first time living on and altering a dynamic planet. We have barely seen the beginnings” (NRC 2007)

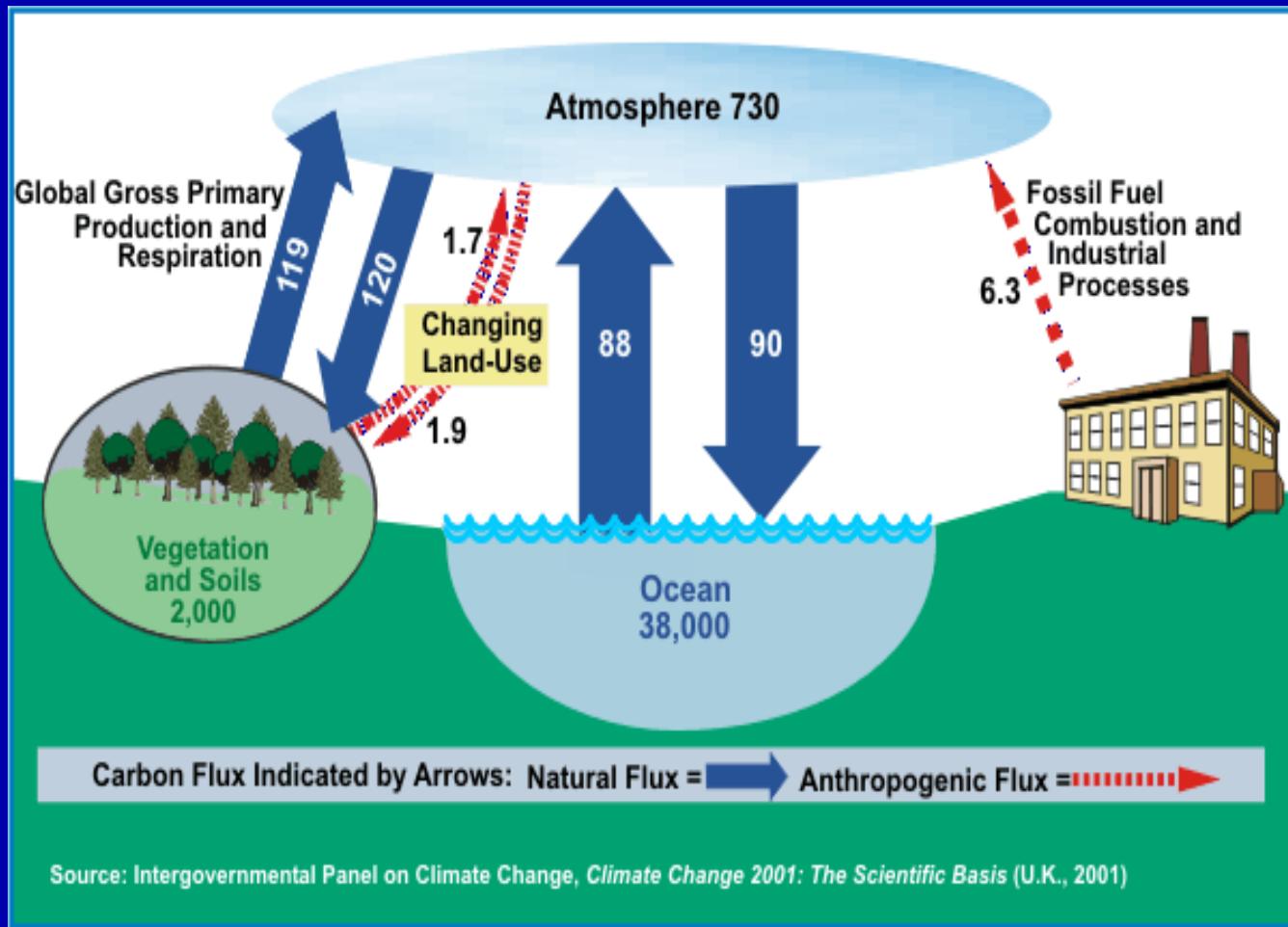




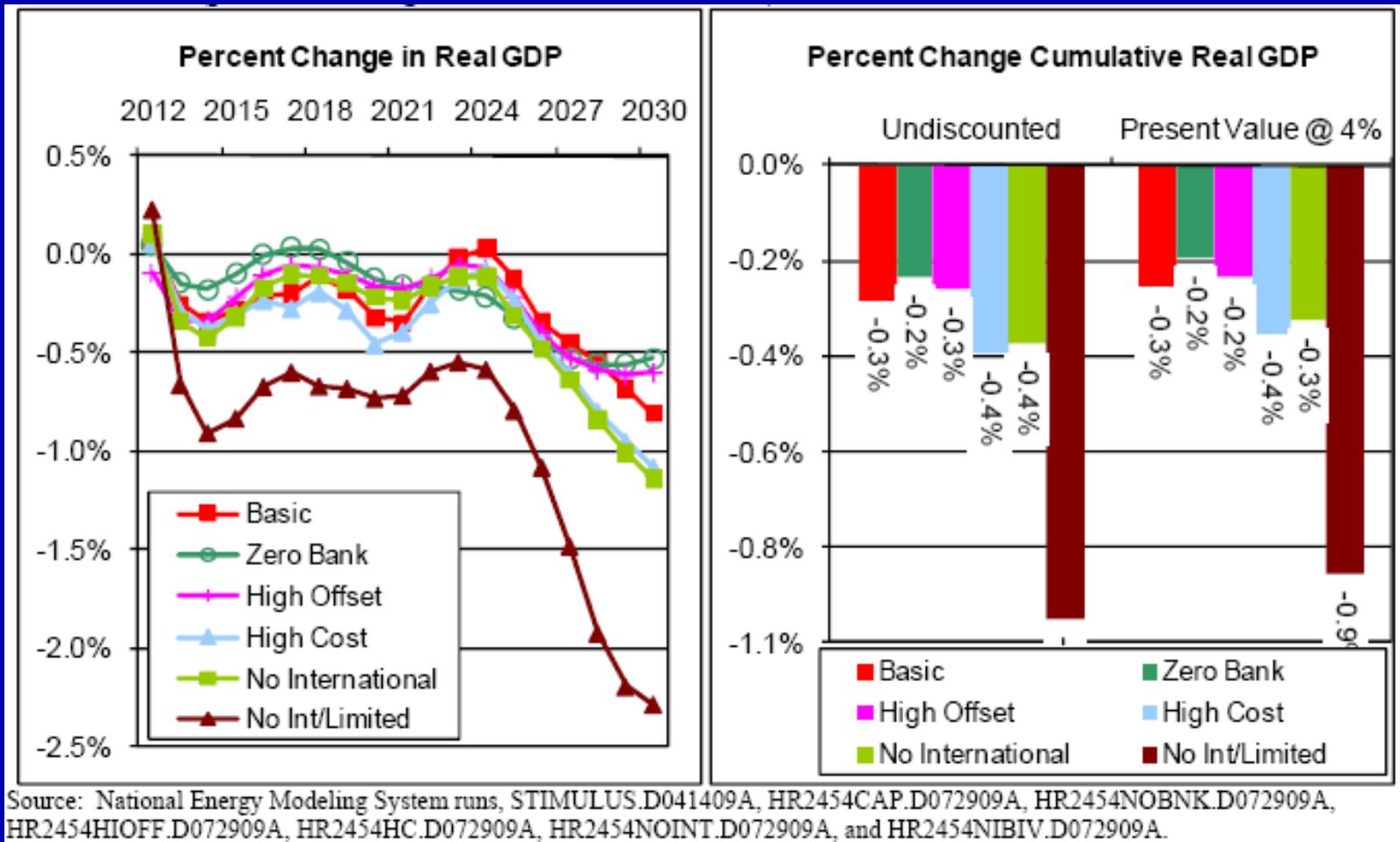


EU ETS Price Development





Economic costs of policies to manage climate: projected changes in national GDP



- Cumulative change in GDP ranges from -0.2% (\$432 billion in 2000 dollars) to -0.9% (\$1,897 billion in 2000 dollars)

Source: EIA, 2009



United Nations

ADVANCE VERSION



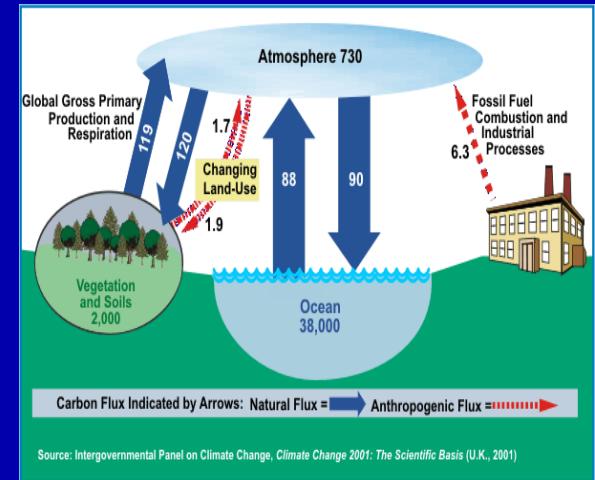
Framework Convention on Climate Change

FCCC/AWGLCA/2010/14

Distr.: General

13 August 2010

Original: English



10. [Requests the Subsidiary Body for Scientific and Technological Advice, at its [xx] session, to develop, as necessary, modalities for [measuring, reporting and verifying] anthropogenic forest-related emissions by sources and removals by sinks, forest carbon stocks, forest carbon stocks and forest area changes resulting from the implementation of activities referred to in paragraph 3 above], and consistent with any guidance for measuring, reporting and verification of nationally appropriate mitigation actions by developing country Parties agreed by the Conference of the Parties], taking into account methodological guidance in accordance with decision 4/CP.15, for adoption by the Conference of the Parties at its [xx] session;]

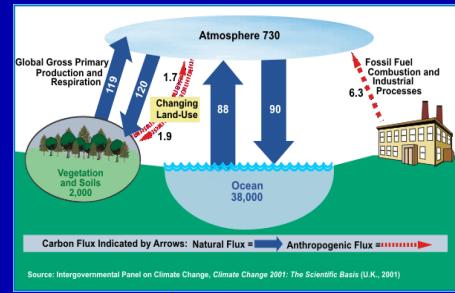
Ad Hoc Working Group on Long-term Cooperative Action under the Convention

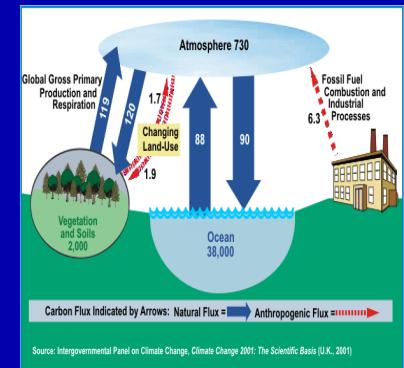
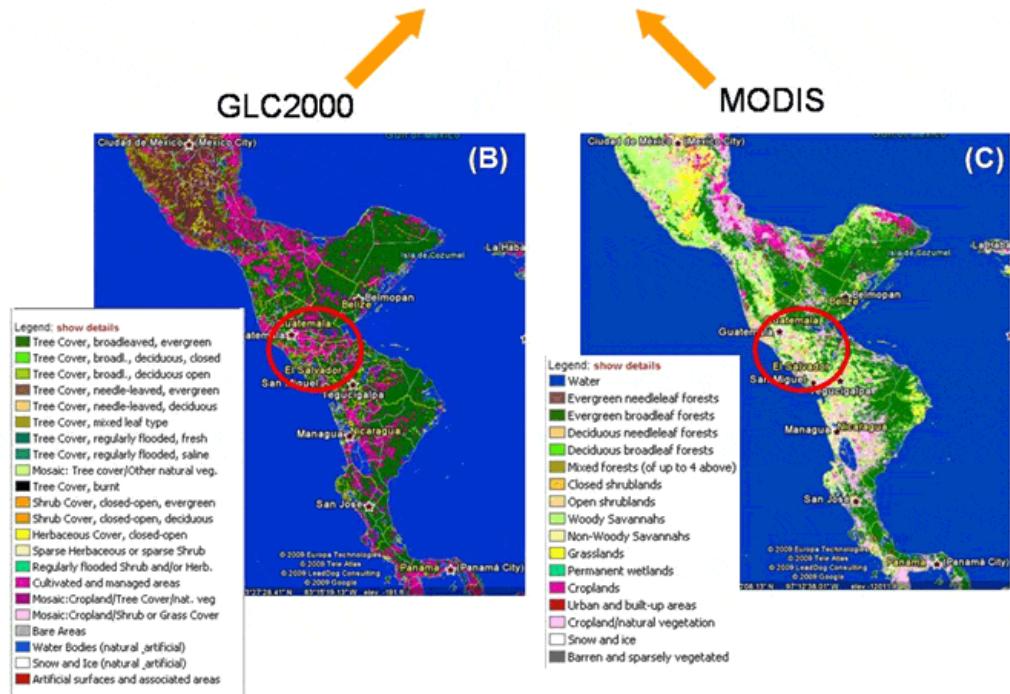
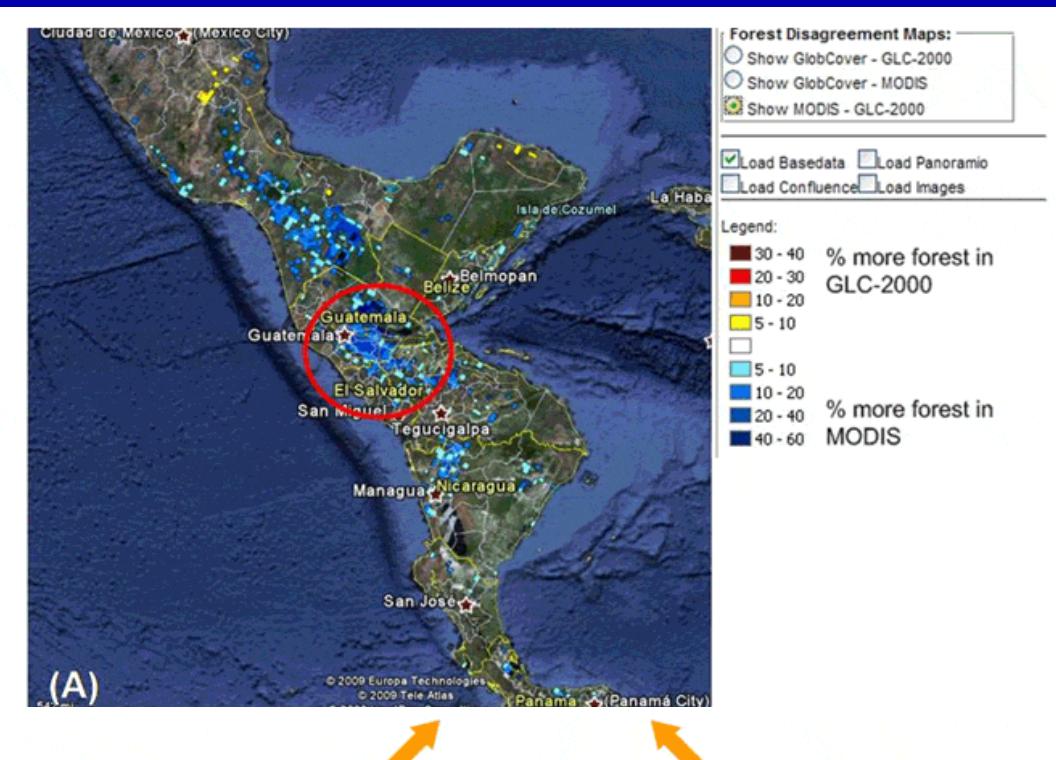
Twelfth session

Tianjin, 4-9 October 2010

Item X of the provisional agenda

Negotiating text

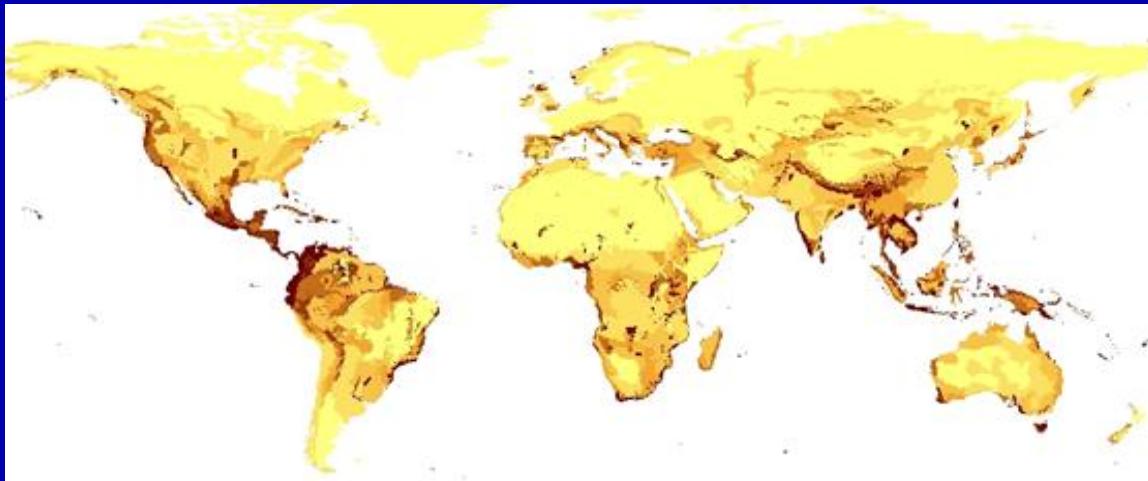




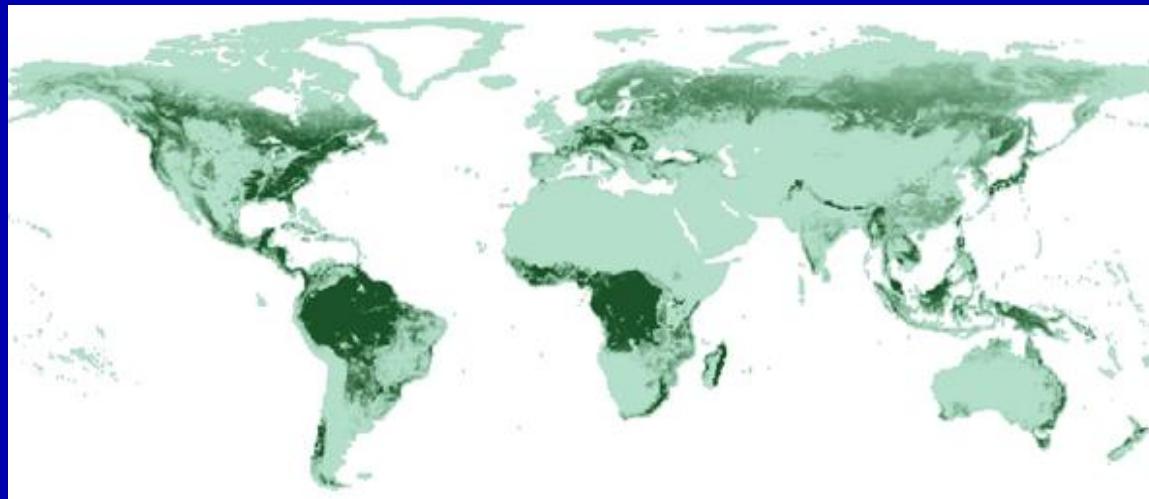
Forest cover from Mexico to Panama: discrepancies between measures

Sources: *Geo-WIKI, 2009;*
Waggoner, 2009

Back Up Slides



Species richness (number of mammal species per km², by ecological region, using IUCN data)



Estimated above ground carbon (tons of carbon/ha)

Source: Siikamaki 2009