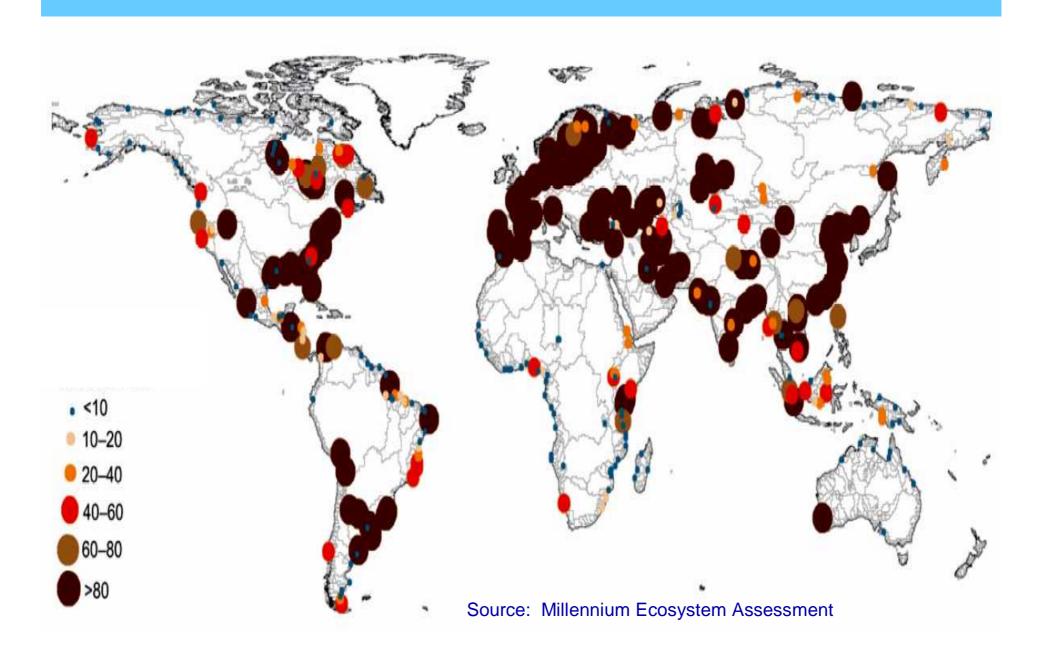
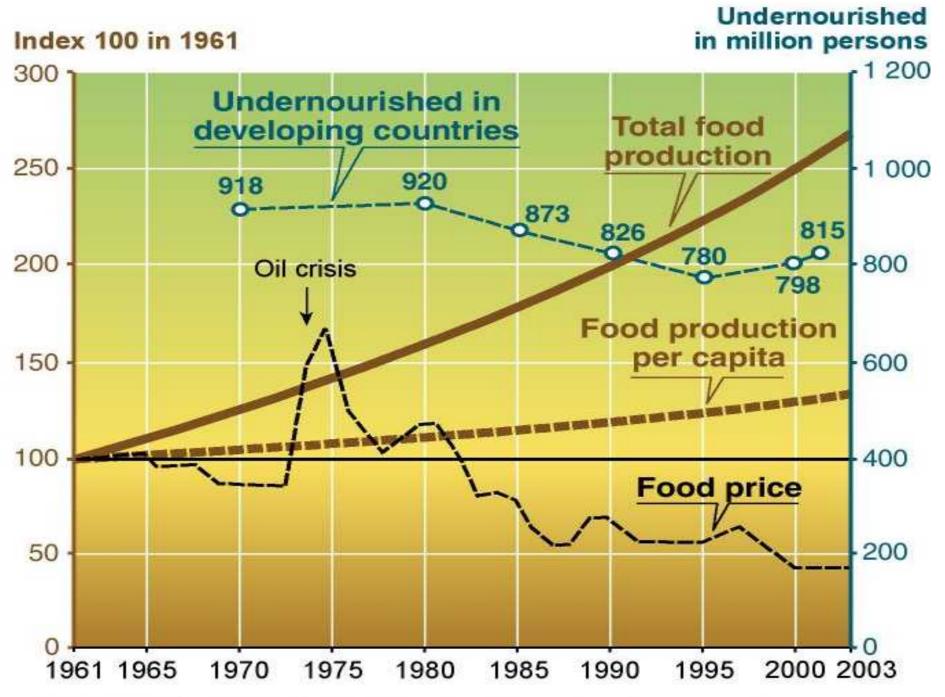


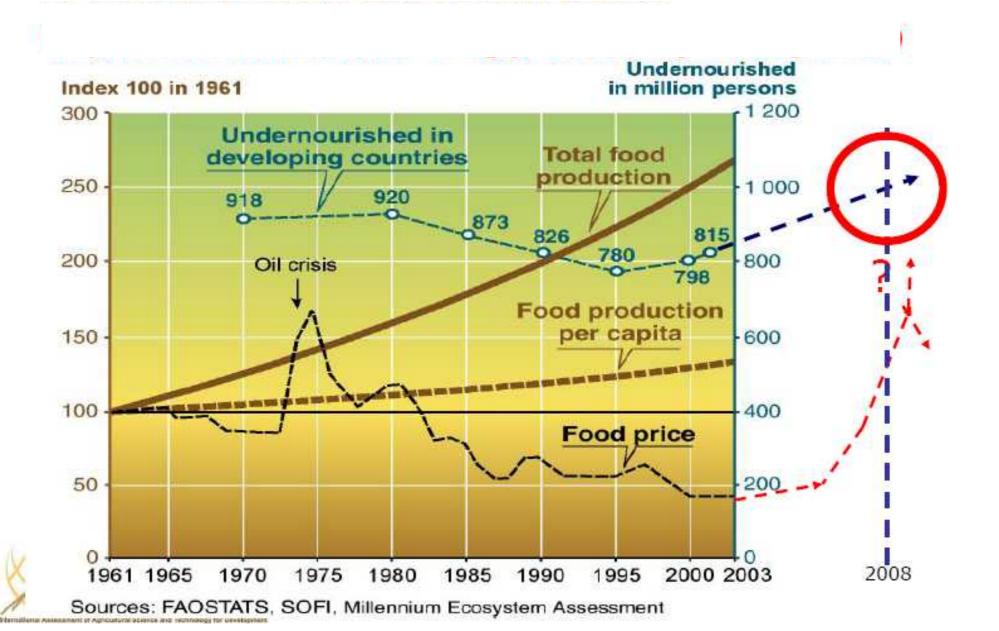
Percent Increase in Nitrogen Flows in Rivers





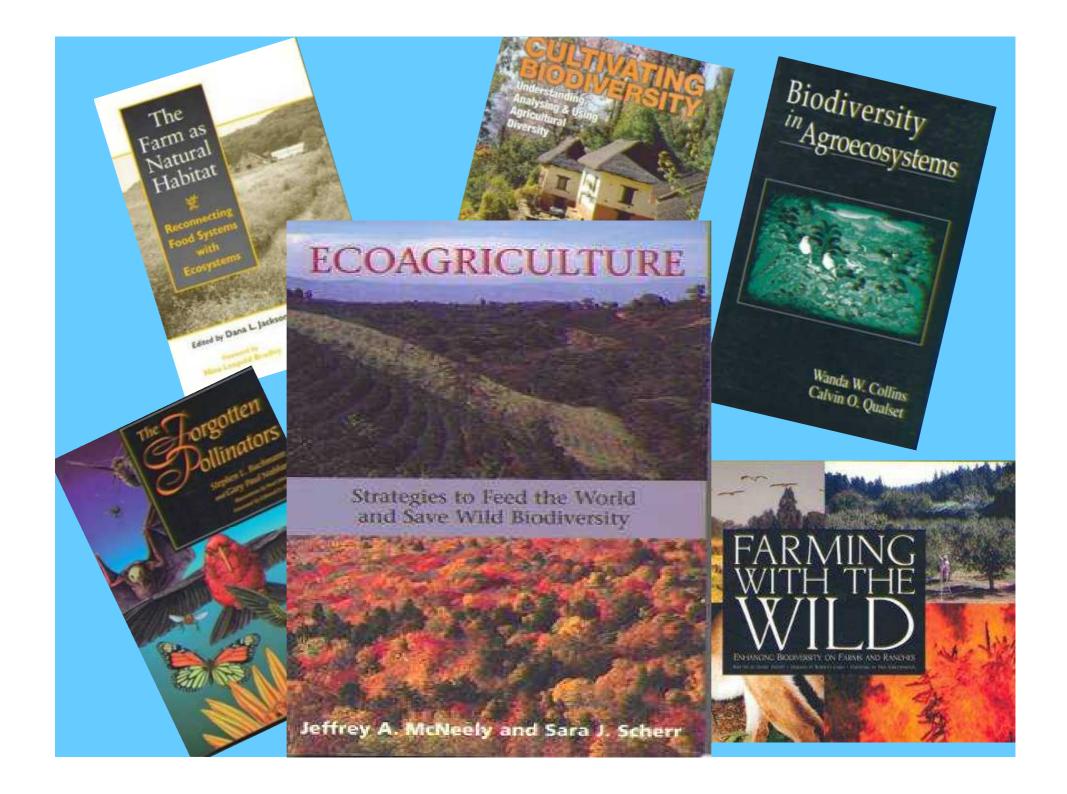


Sources: FAOSTATS, SOFI, Millennium Ecosystem Assessment





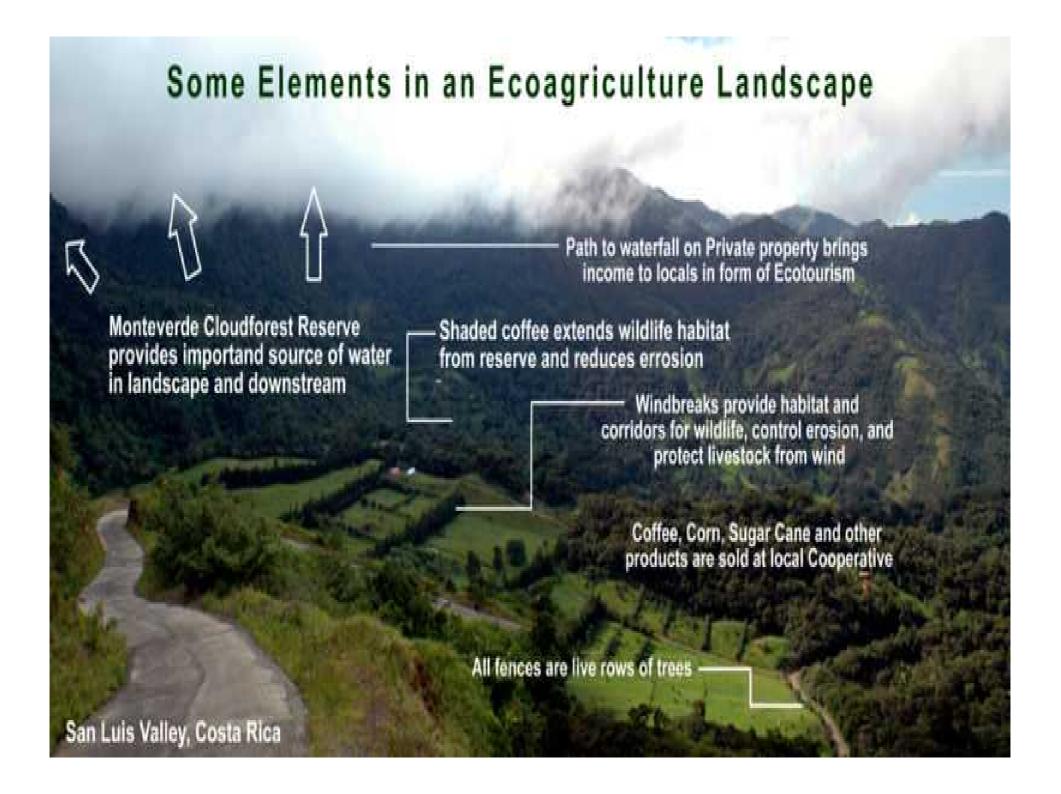




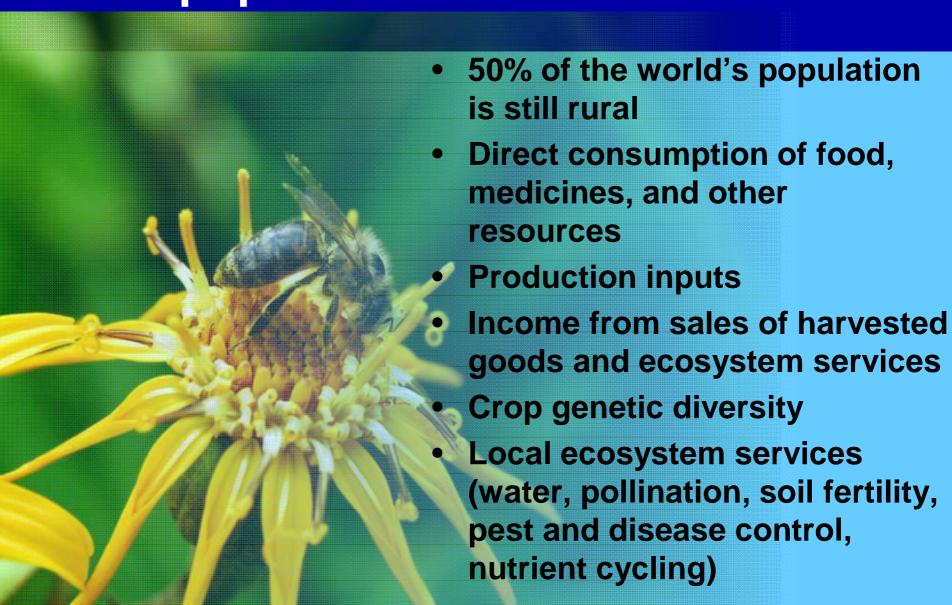
Ecoagriculture

Agricultural landscapes managed to enhance rural livelihoods and sustainable agricultural production (of crops, livestock, fish and forest), while conserving or restoring ecosystem services and biodiversity.

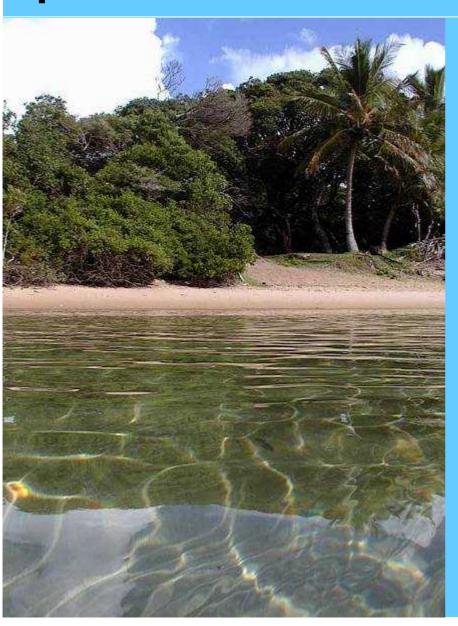






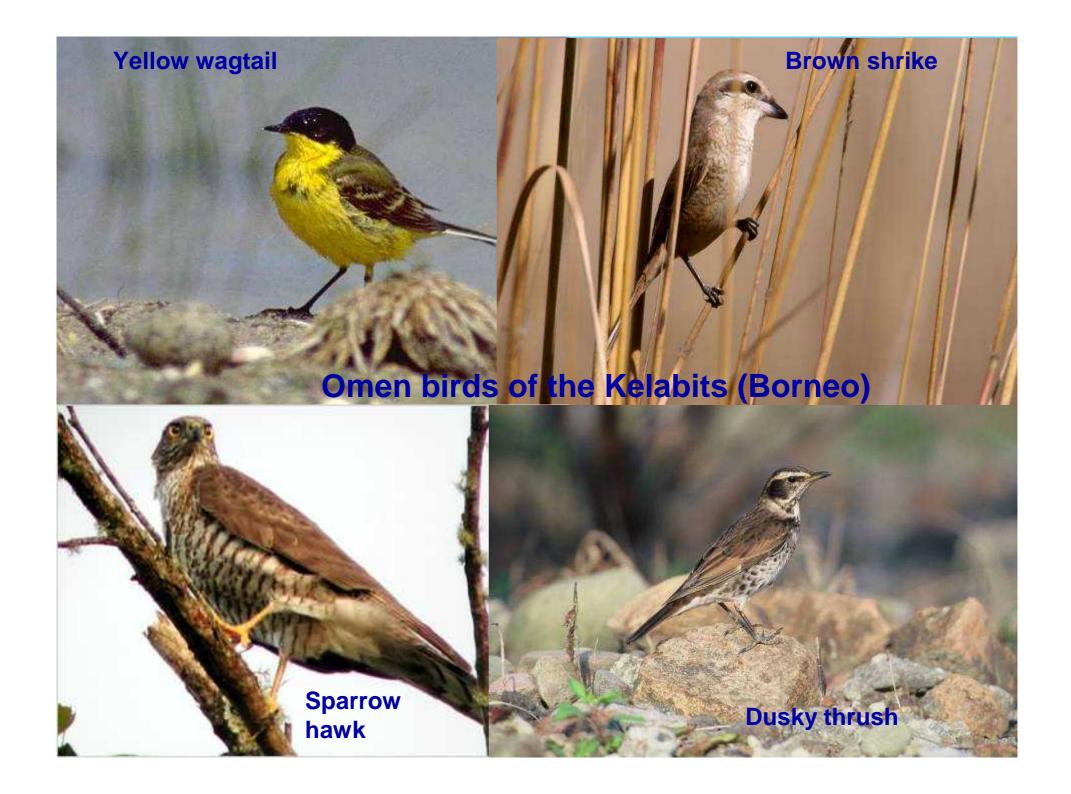


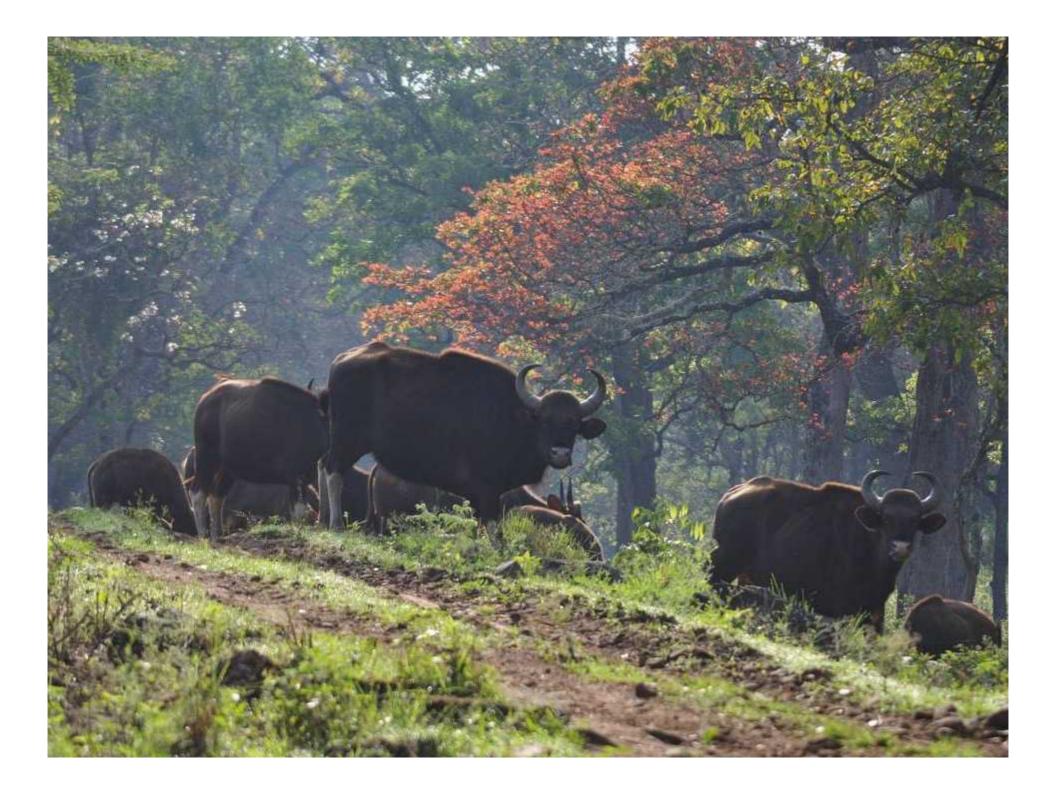
Meeting the habitat requirements of wild species



- Undisturbed nesting sites
- Protective cover: perennial and native
- Adequate source of clean water, available year-round
- Territory access with functional corridors
- Access to food from diverse sources
- Predator balance: diversity with protection
- Interdependent species: patches of natural vegetation







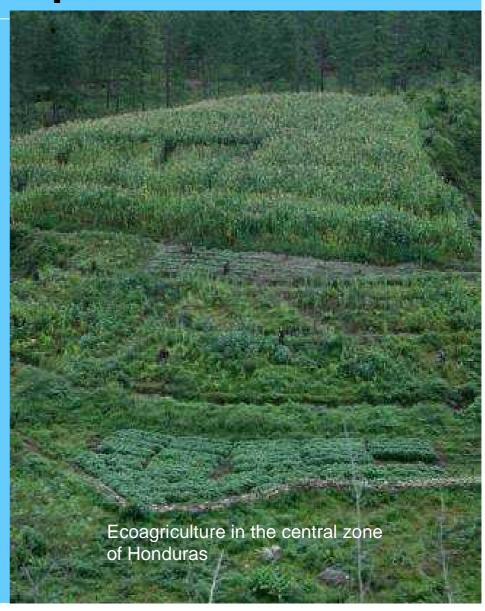


1) Production systems for ecoagriculture landscapes



Agricultural systems compatible with nature

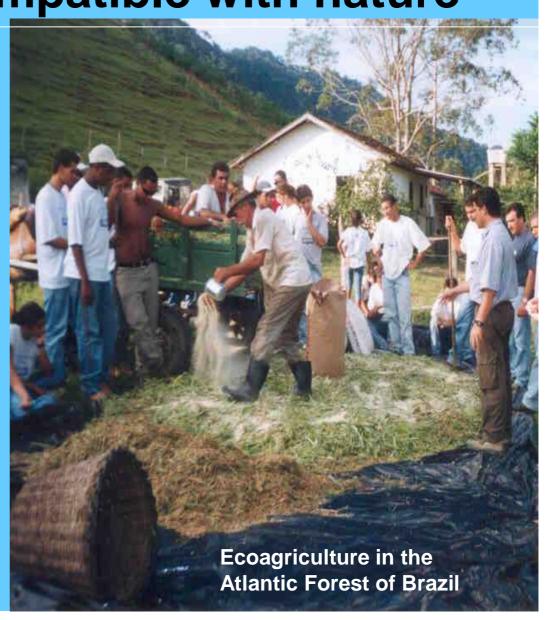
- Live fences, wind barriers
- Agroforestry
- Organic agriculture
- Shaded crops (cacao, coffee)
- Agroecological practices
- Better management practices for industrial crops





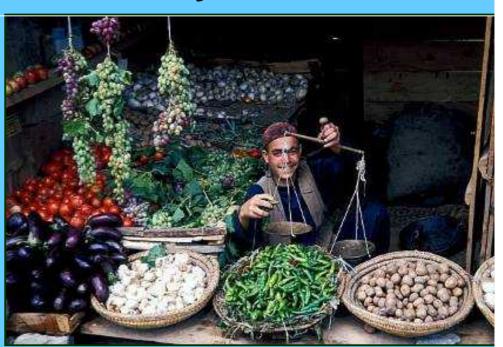
Farm systems compatible with nature

- Silvopastoral systems
- Cooperative corridors
- Adapted pastoralism
- Co-management of farms and wild species
- Permeable borders and forage banks
- Rotational cropping
- Perennial crop cultivation



Achieving positive synergies for agricultural production and ecosystems

- Increase input efficiency
- Enhance biological and ecological synergies
- Improve spatial organization of land use
- Manage wild species to benefit farming
- Economies of scale through collective action
- Substitute natural capital for financial capital
- Improve the flow of information



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"I'll call you back. I'm harvesting rice."

2) Managing ecoagriculture landscapes for production, conservation and livelihoods



Delivering ecosystem services at requisite habitat or watershed scale

Habitat

- Critical breeding areas?
- Continuous corridors?
- Adequate territory for species?
- Water and food for wildlife available yearround?

Watershed

- Key sources of pollution controlled?
- Water flow managed across the watershed?
- Major tributaries included?
- Key wetlands included?



Conserving biodiversity in agricultural landscapes

1. Maintain (or reestablish) cover & connectivity between native habitats within agricultural landscapes

2. Conserve areas of native habitat within the agricultural landscape, giving priority to large, intact and ecologically important patches

3. Implement conservation plans for species and ecological communities of high value

4. Convert marginal productive lands to natural vegetation

5. Re-establish hydrological connectivity & natural patterns of aquatic ecosystems (incl. flooding)

6. Manage the matrix of agricultural lands to be more compatible with biodiversity conservation



3) Building institutions for landscape coordination & management

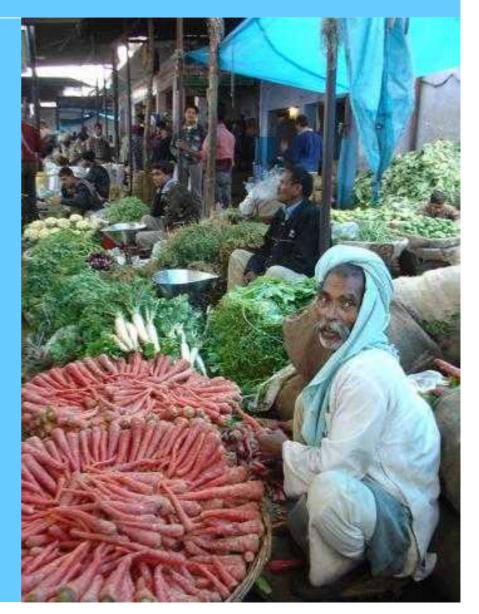


Multi-stakeholder platforms for landscape planning

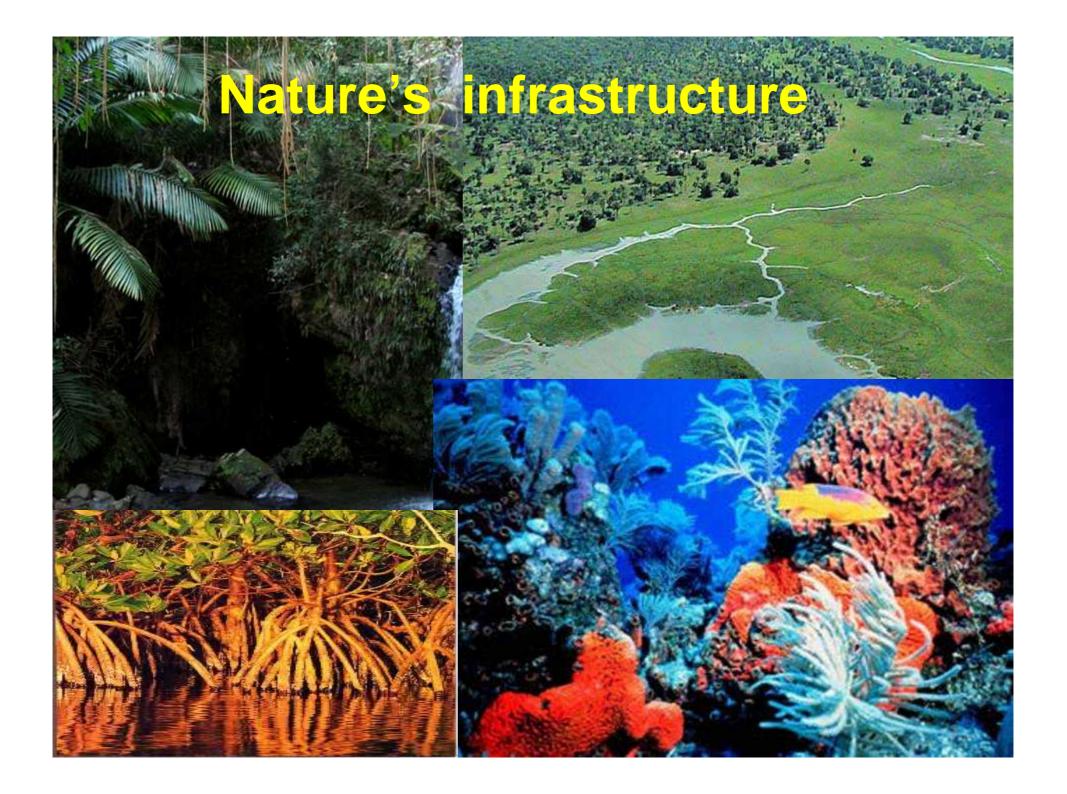


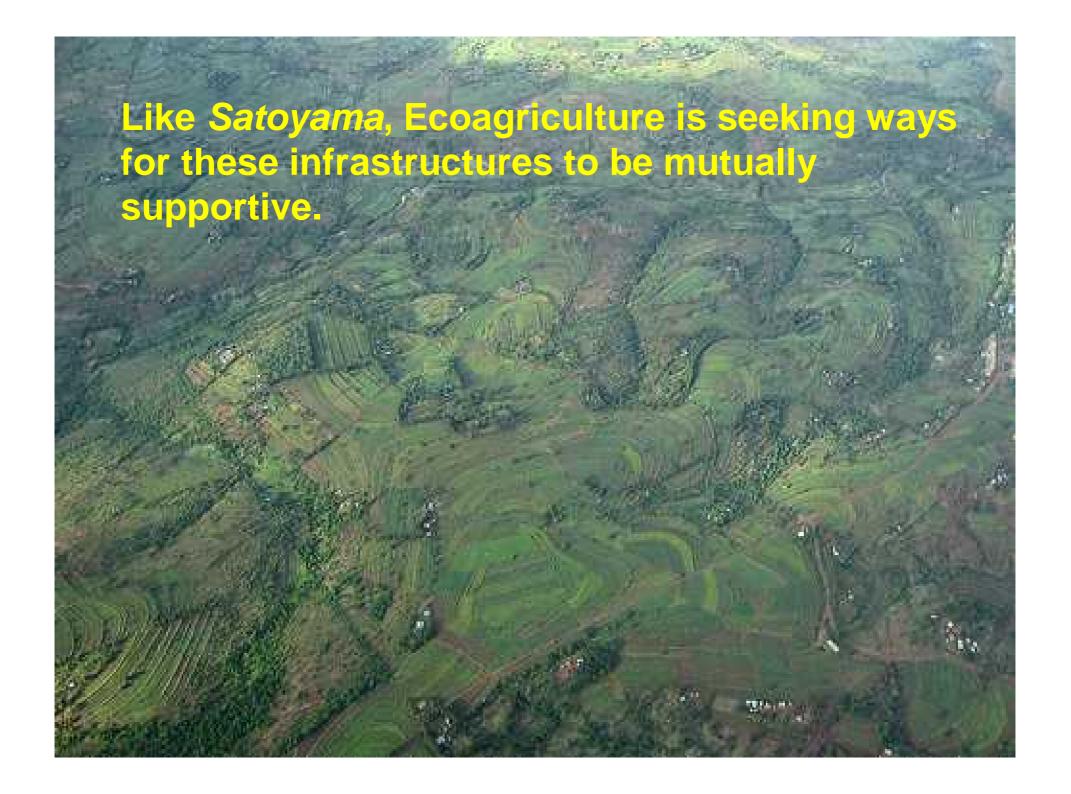
Policies and markets that support ecoagriculture

- International and national policies incorporate ecoagriculture (including MDGs, MEAs)
- Product market innovations
- Payments for ecosystem services in ecoagriculture landscapes









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