



USAID
FROM THE AMERICAN PEOPLE



SANREM CRSP

Sustainable Agriculture and Natural Resource Management
Collaborative Research Support Program



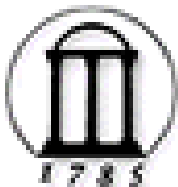
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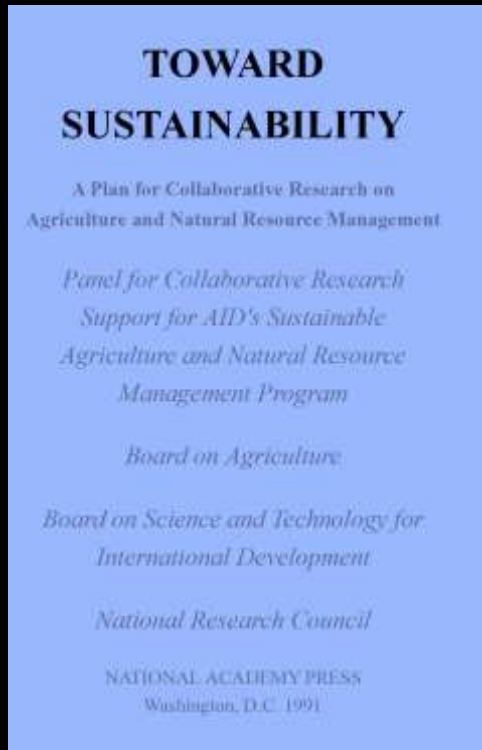
University of Georgia



VirginiaTech
Invent the Future

[illegible]

Raising awareness and Setting (Evolving) Targets



NRC-NAS

1992

Earth Summit

1996

World Food Summit

UN CSD Review

2000

Millennium Development Goals (target 2015)

2002

World Summit on Sustainable Development (Rio+10)

UN CSD Review

2008

2010

MDG Summit

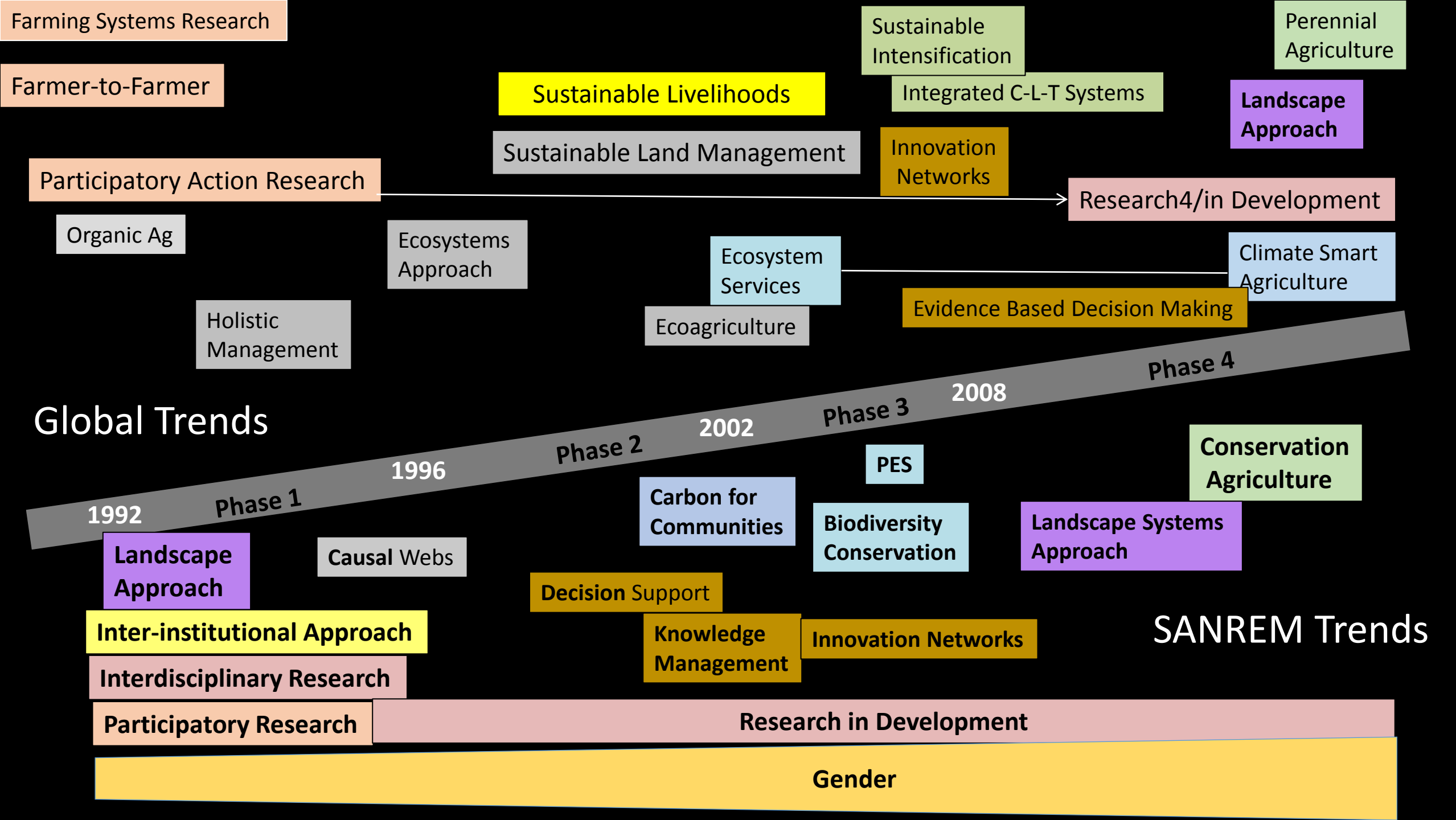
Green Economy Governance

2012

2014

Sustainable Development Goals



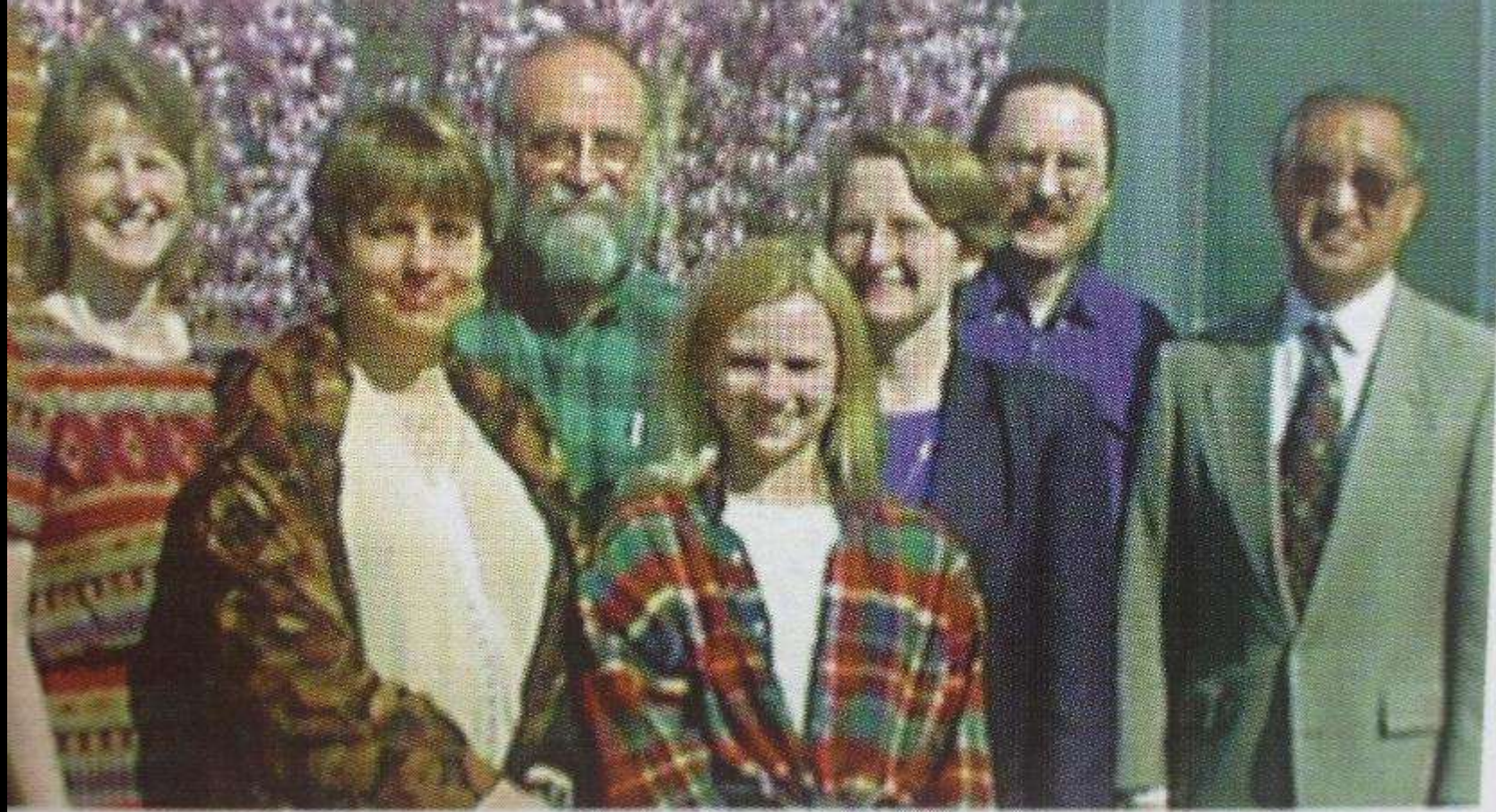


SANREM SITES

Phase 1	Phase 2	Phase 3	Phase 4
AFRICA			
Burkina Faso Cape Verde	Mali	Zambia, Kenya , Uganda	Kenya, Uganda , Ghana, Mali Lesotho, Mozambique
ASIA			
Philippines	Philippines	Philippines	Philippines
		Vietnam	Cambodia
		Indonesia	
LATIN AMERICA			
Ecuador	Ecuador	Ecuador	Ecuador
		Mexico, Bolivia , Peru	Bolivia Haiti

Phase I and II





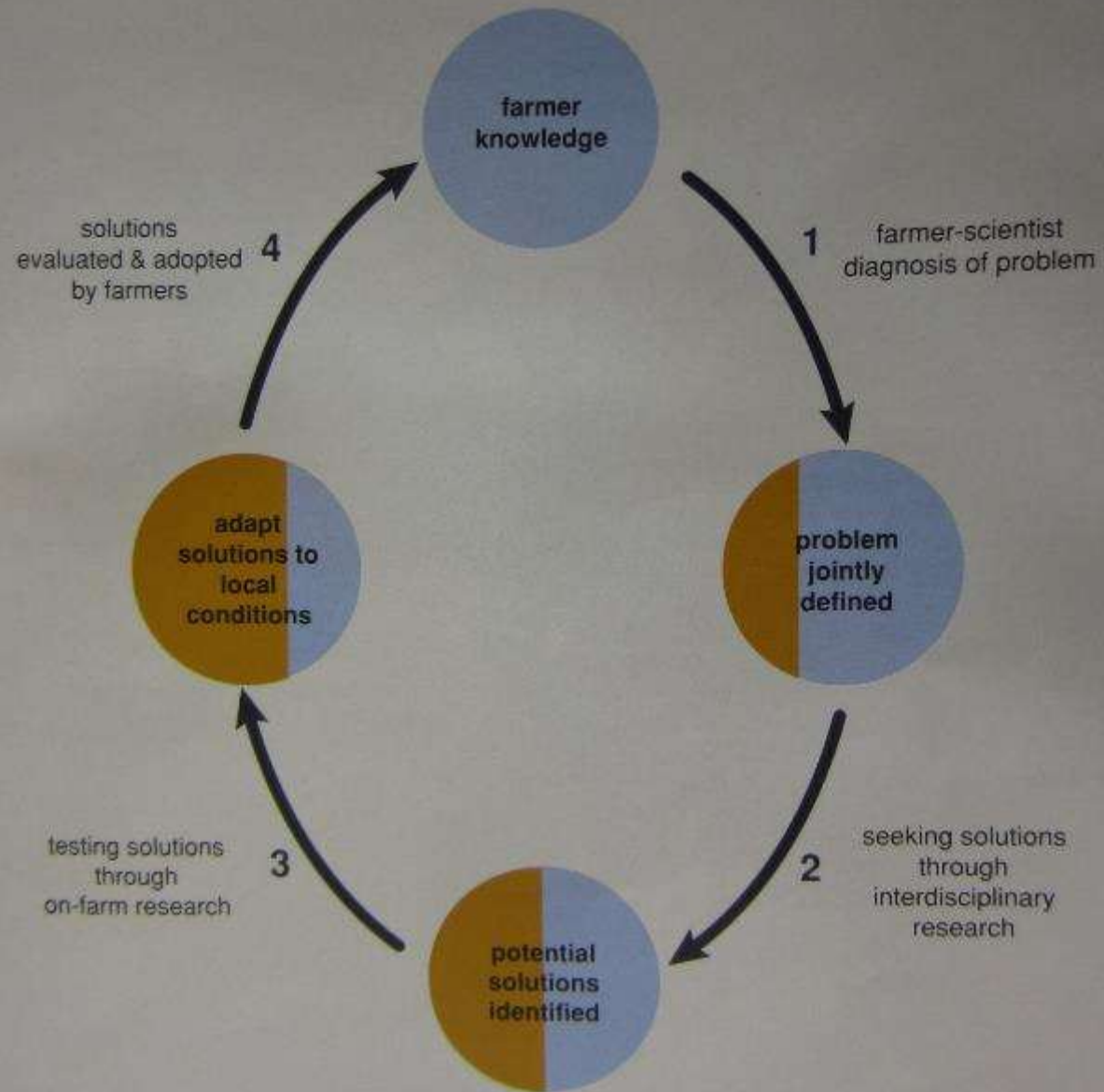


The Cornerstones



1992-1997

FARMER-BACK-TO-FARMER MODEL



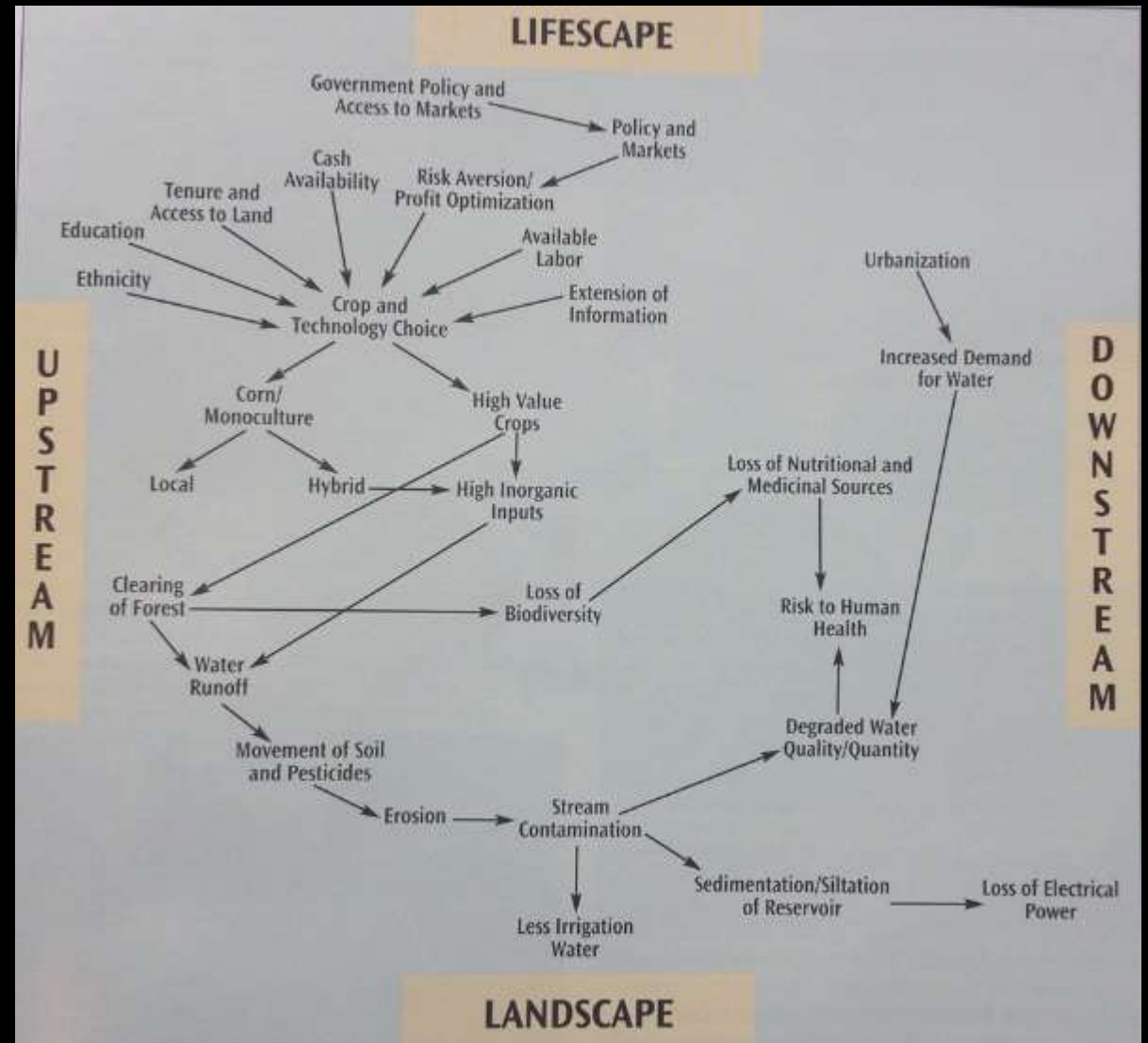
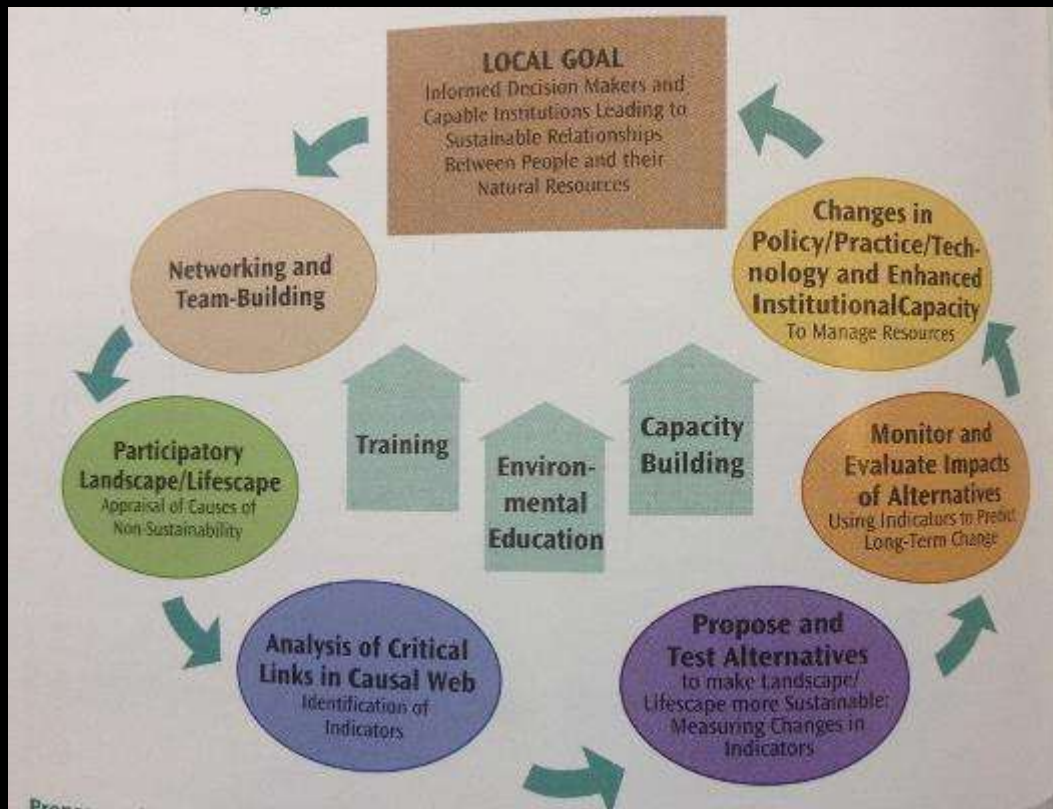
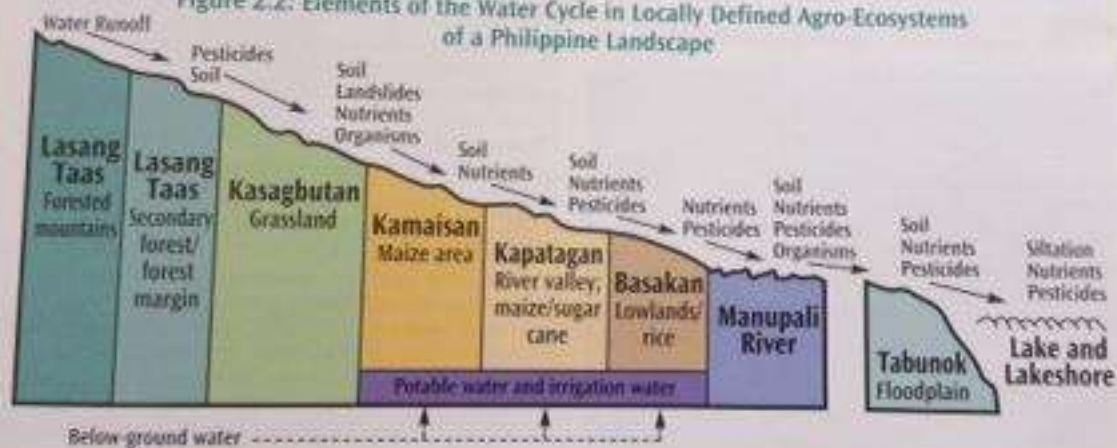


Figure 2.2: Elements of the Water Cycle in Locally Defined Agro-Ecosystems of a Philippine Landscape





1966



1990



2014





World Agroforestry Centre
TRANSFORMING LIVES AND LANDSCAPES



 **Landscapes for People, Food and Nature**
An International Initiative for Dialogue, Learning and Action



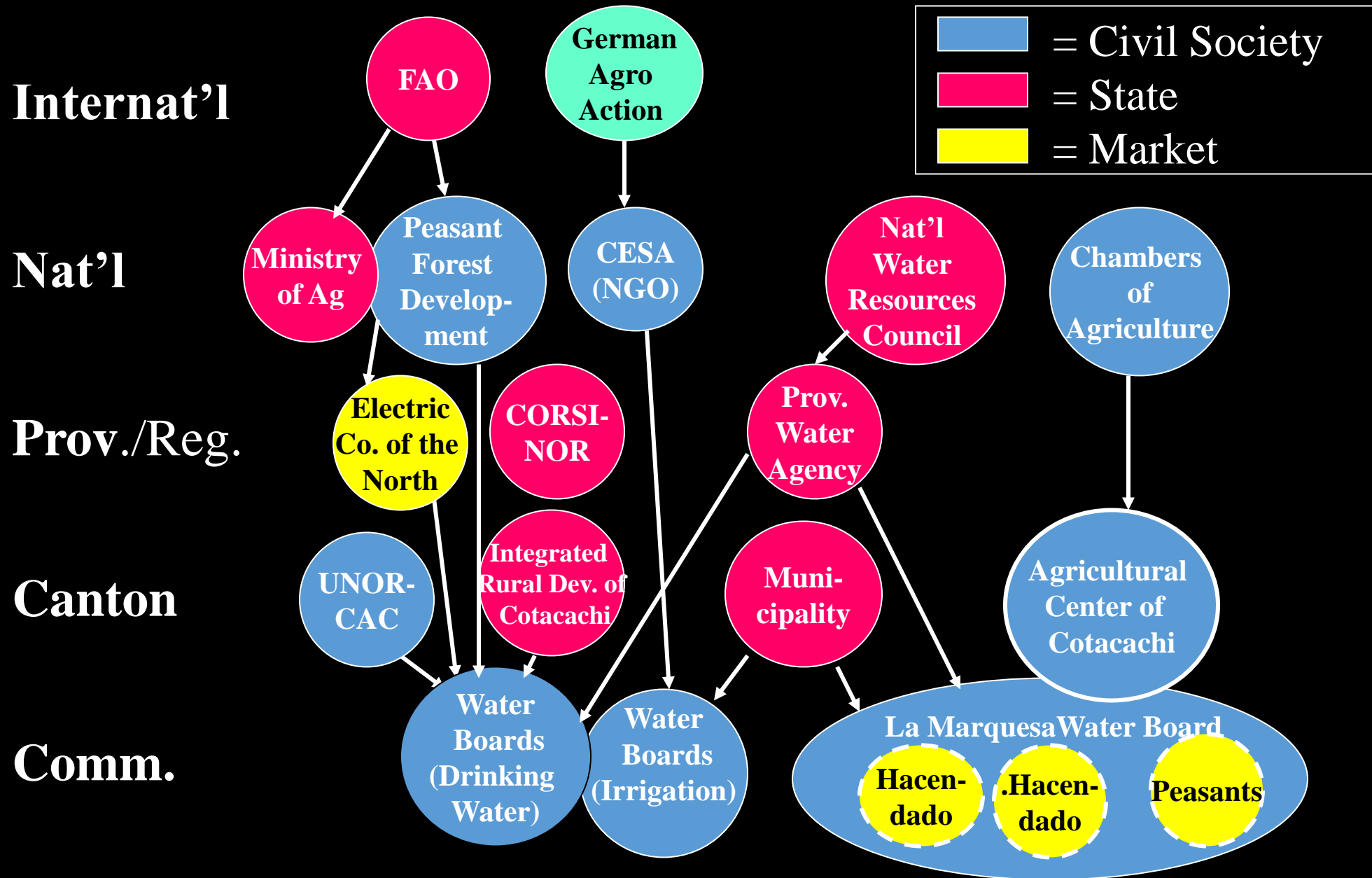
 **Global
Landscapes
Forum**

Landscapes for a new climate and
development agenda

UNFCCC COP 18

“We were Landscapes when Landscapes weren’t cool”

Figure 3. Advocacy Coalitions-Water















Ritual of Understanding: Tala-andig Indigenous People, Lantapan, Bukidnon, Philippines

Phase III and IV

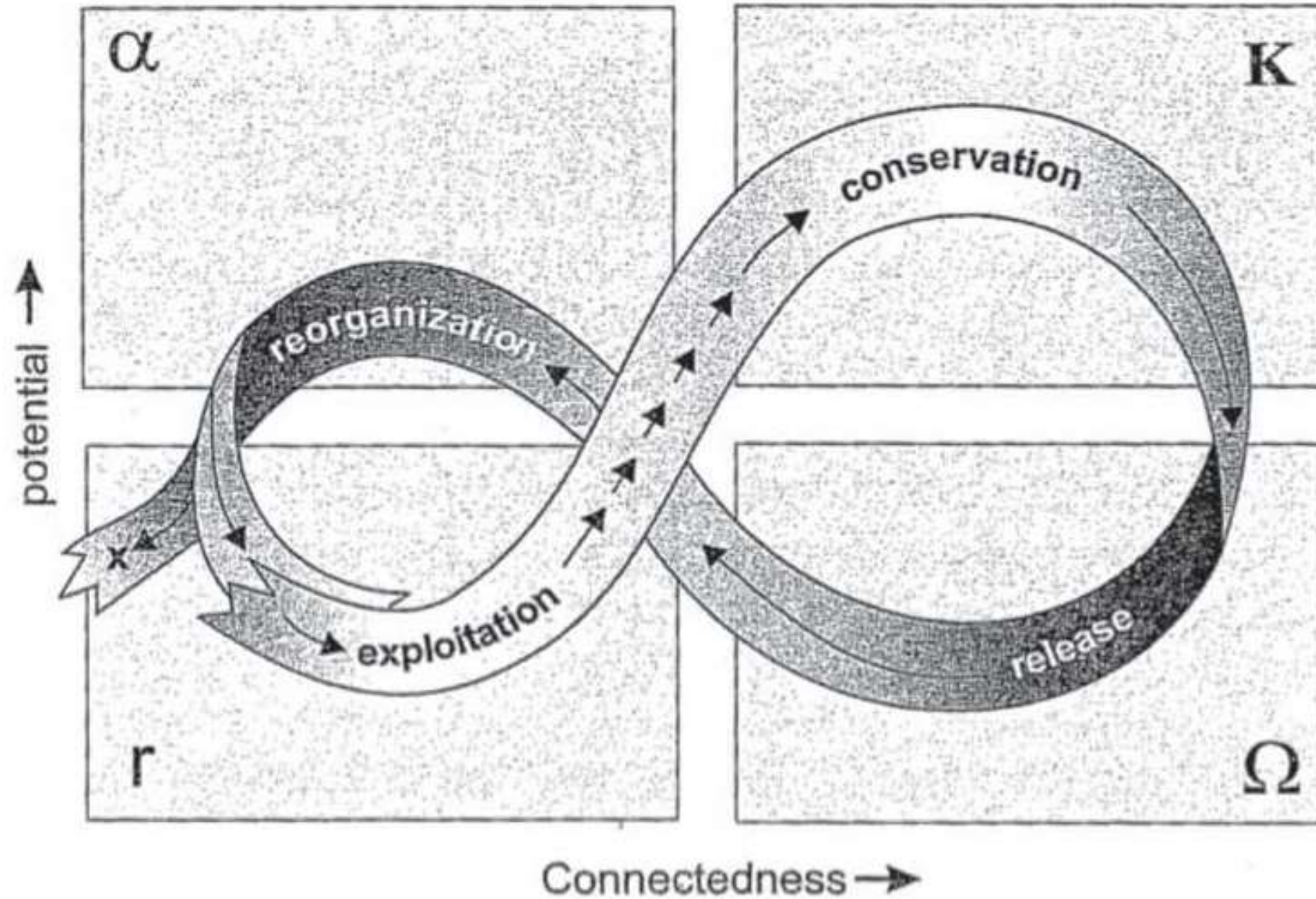
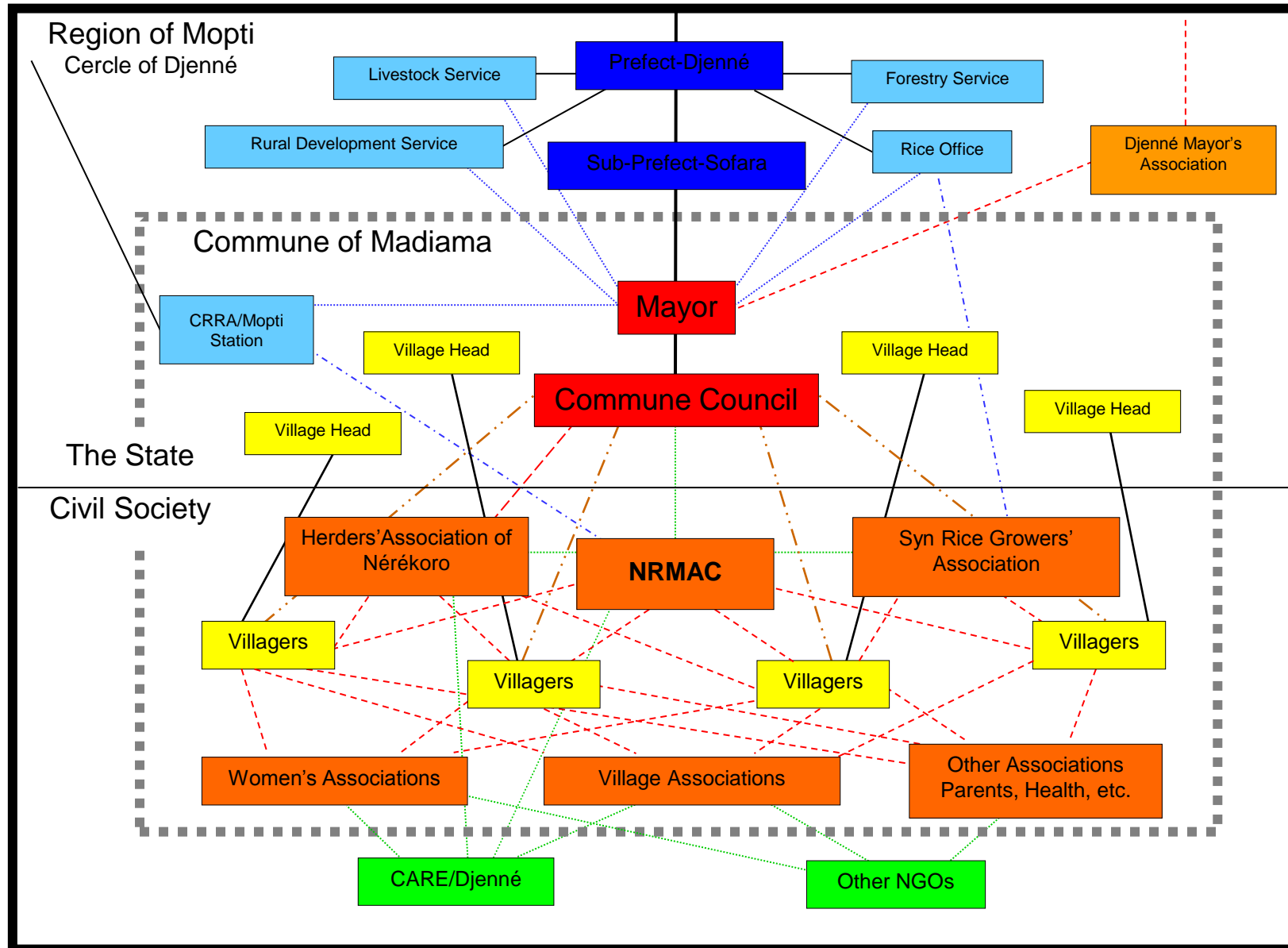


Figure 2. Holling's adaptive renewal cycle (from Holling and Gunderson 2002).

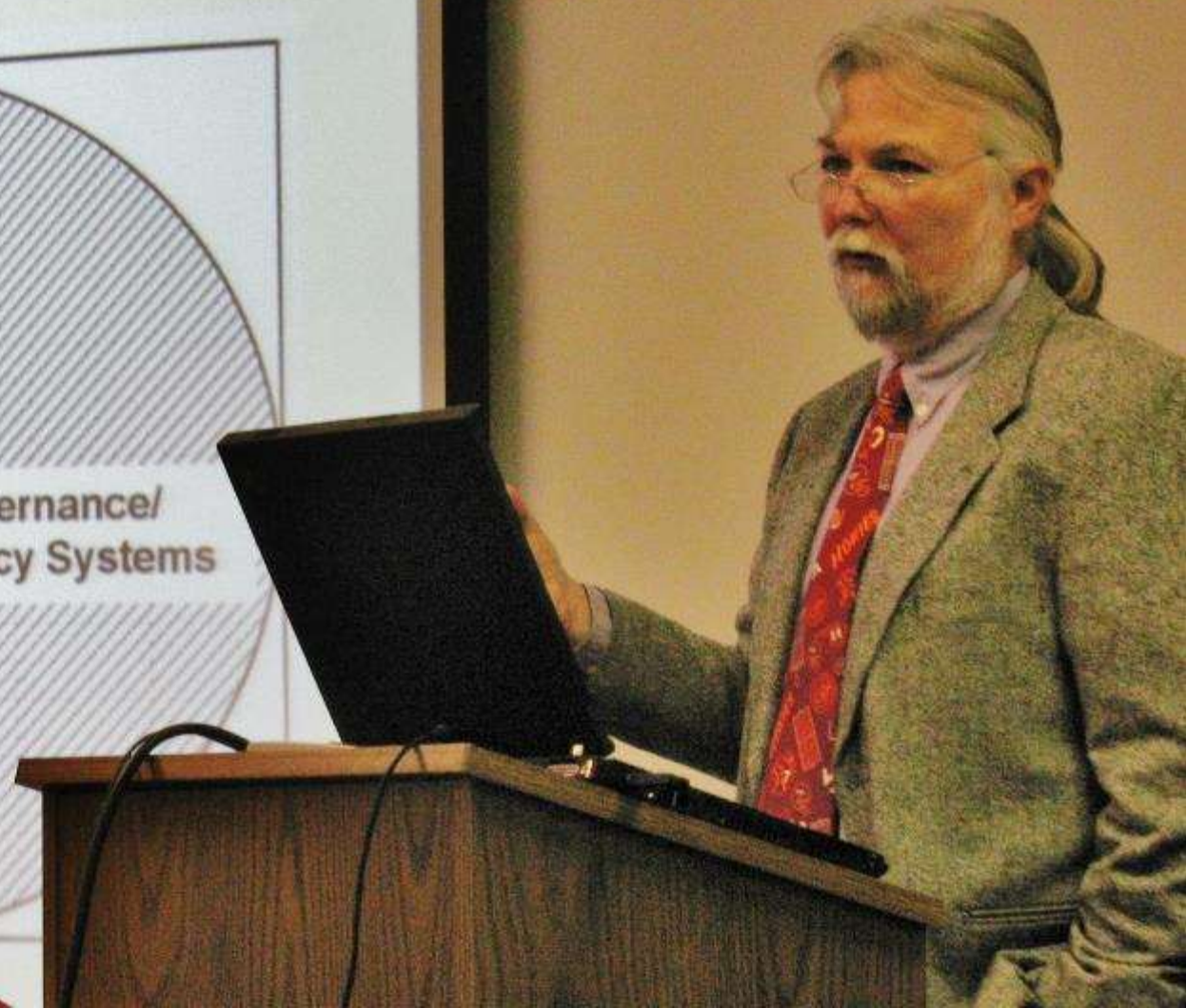
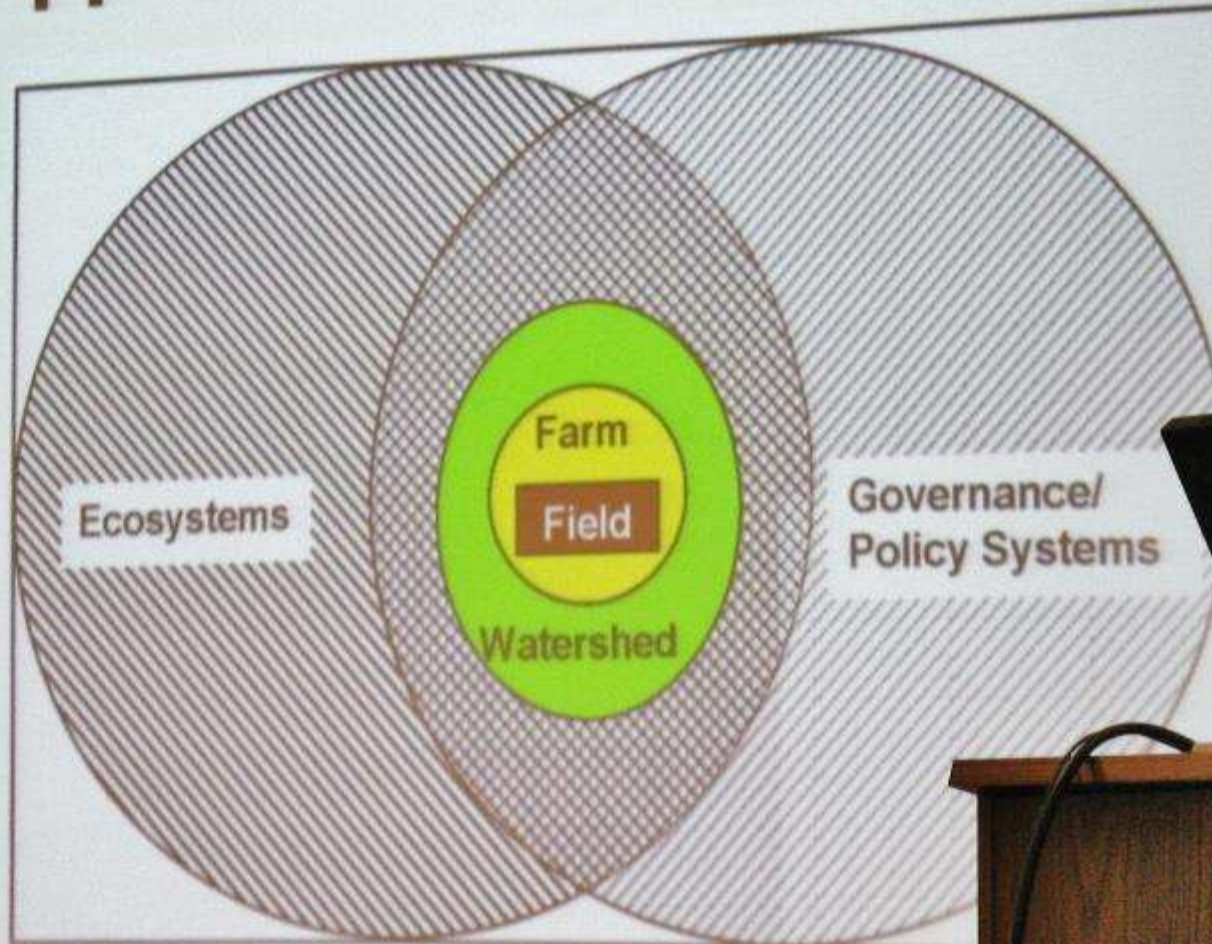


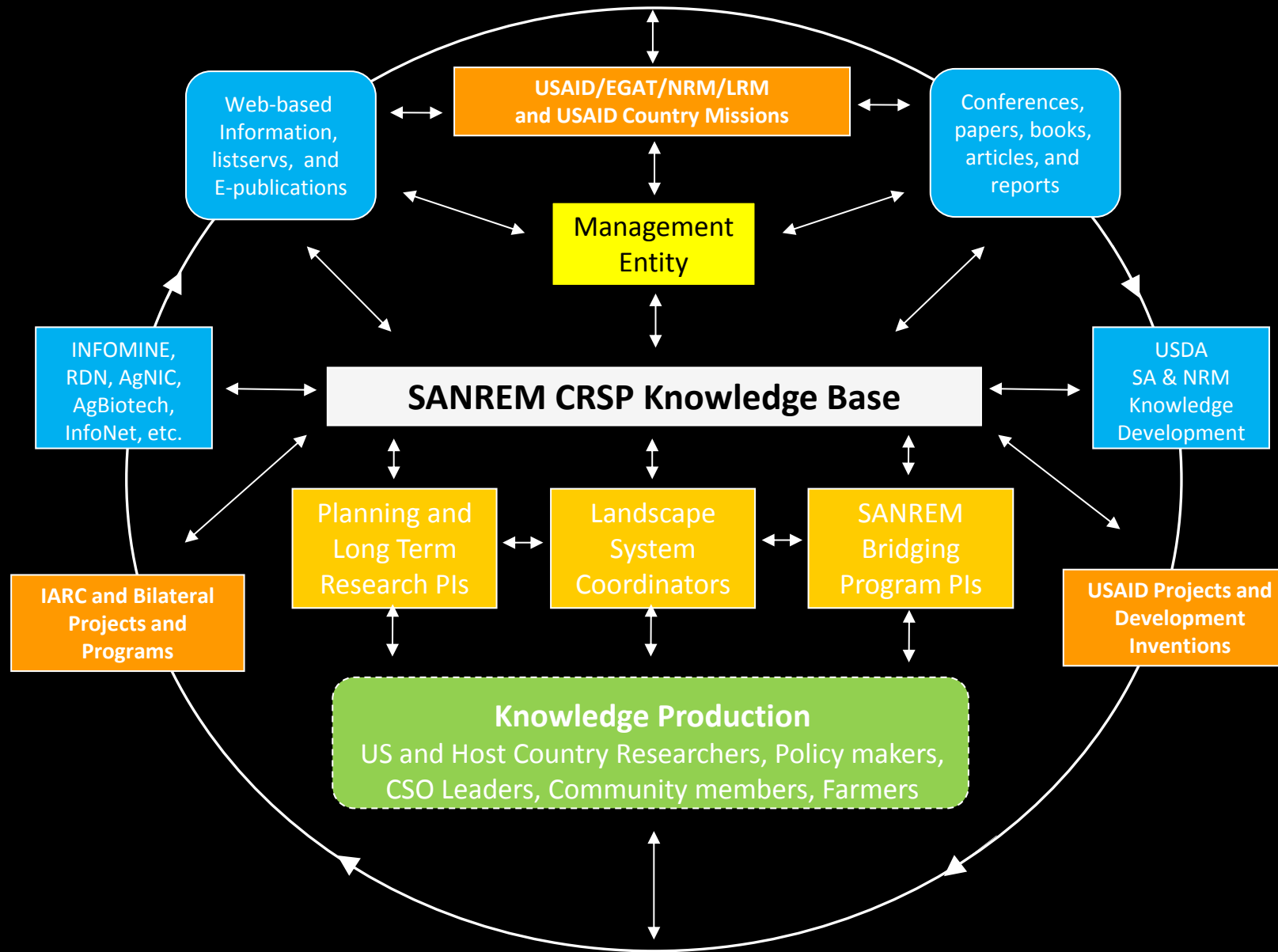
Socio-Political Networks in Madiama



Feb. 26-28, 2008

Landscape Systems Approach



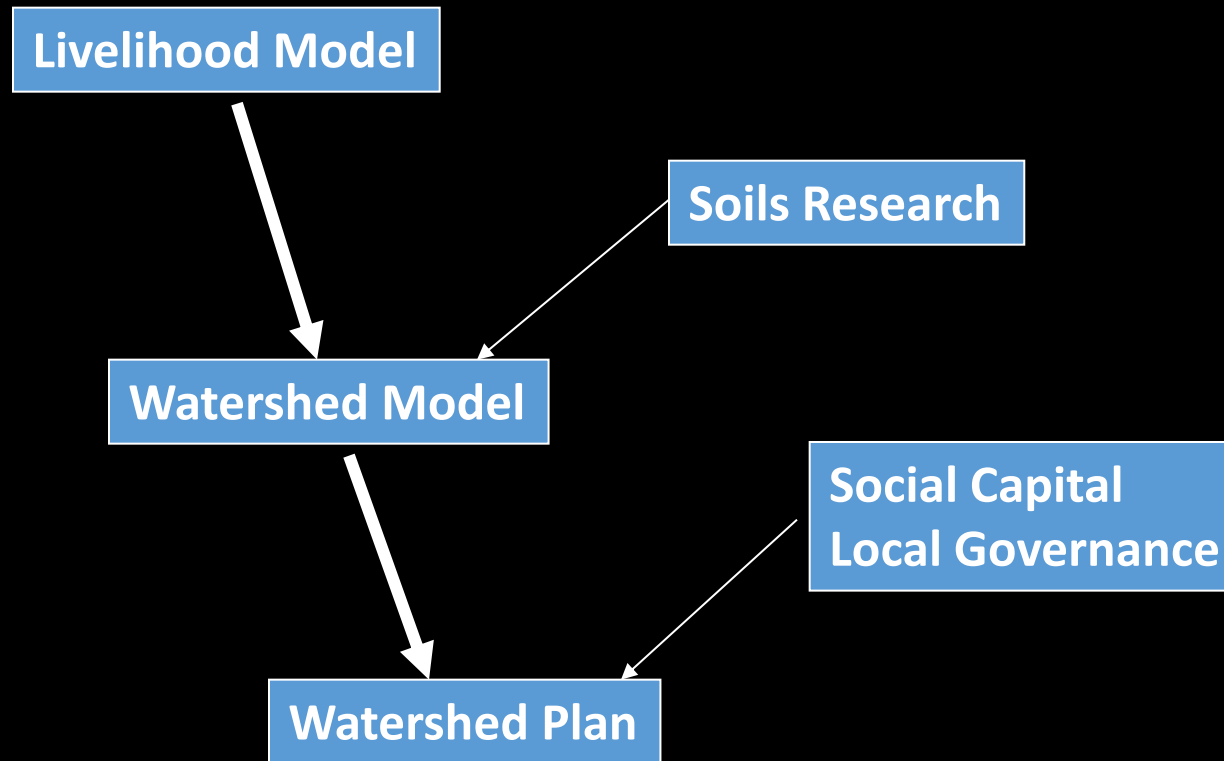


SANREM CRSP Knowledge Management System





Transdisciplinary Framework (LTRA-3)



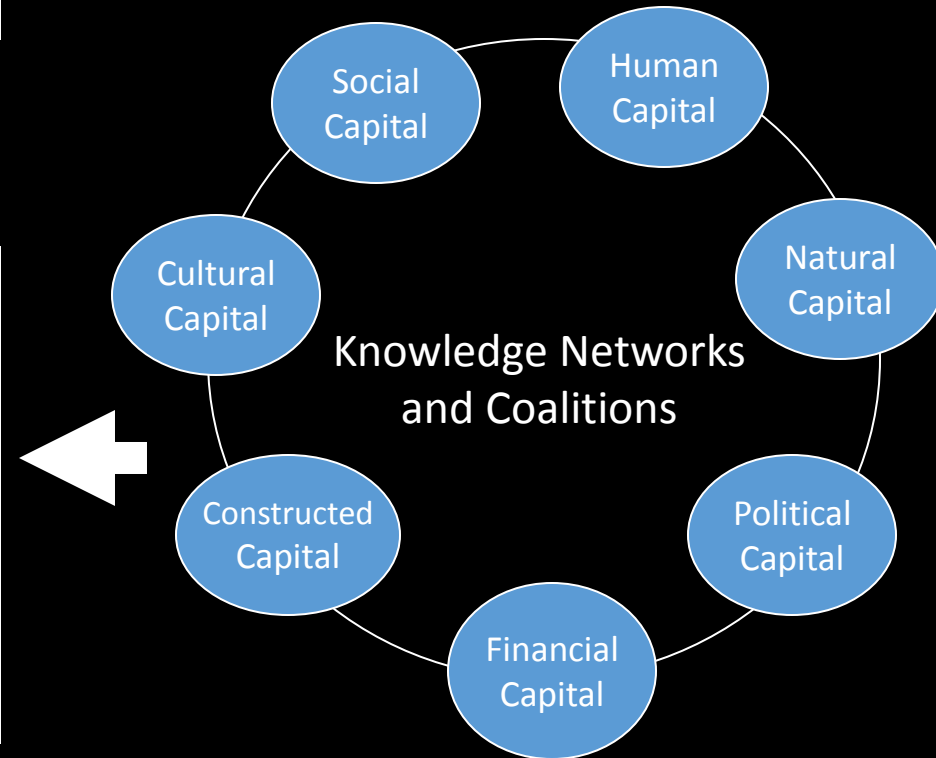
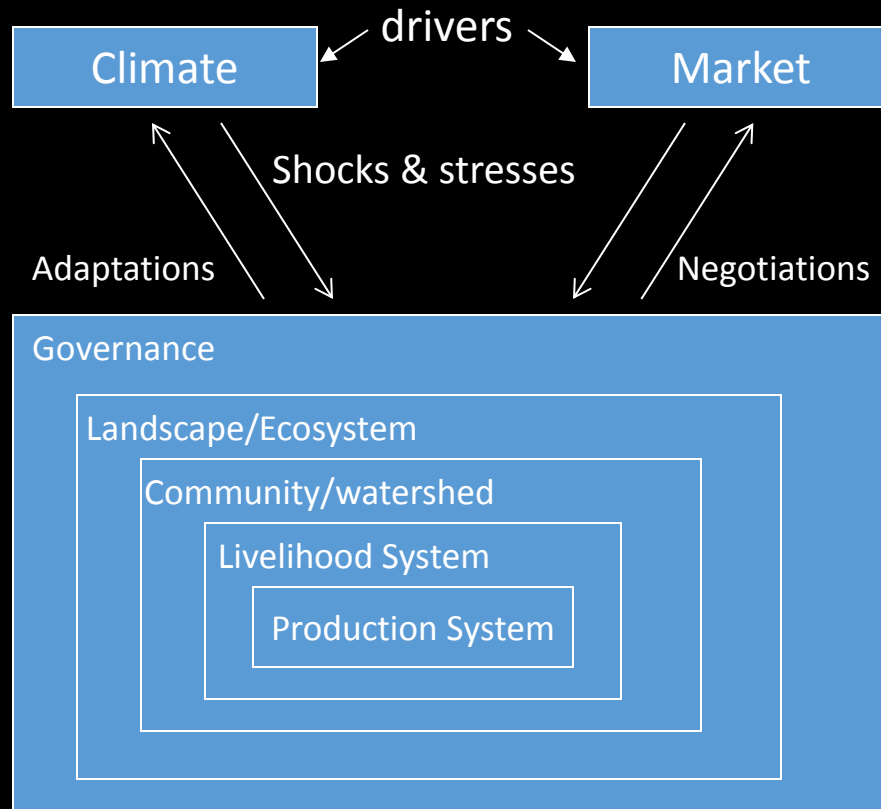
Hypotheses of relationships within and between models:

Transdisciplinary Framework (LTRA-4)

(with suggested direction for research hypotheses)

Structure

Agency



Hypotheses on the current state and its drivers

Pests	Local Climate
Soils	Local Markets
Biodiversity	Livelihoods

Transformative Hypotheses

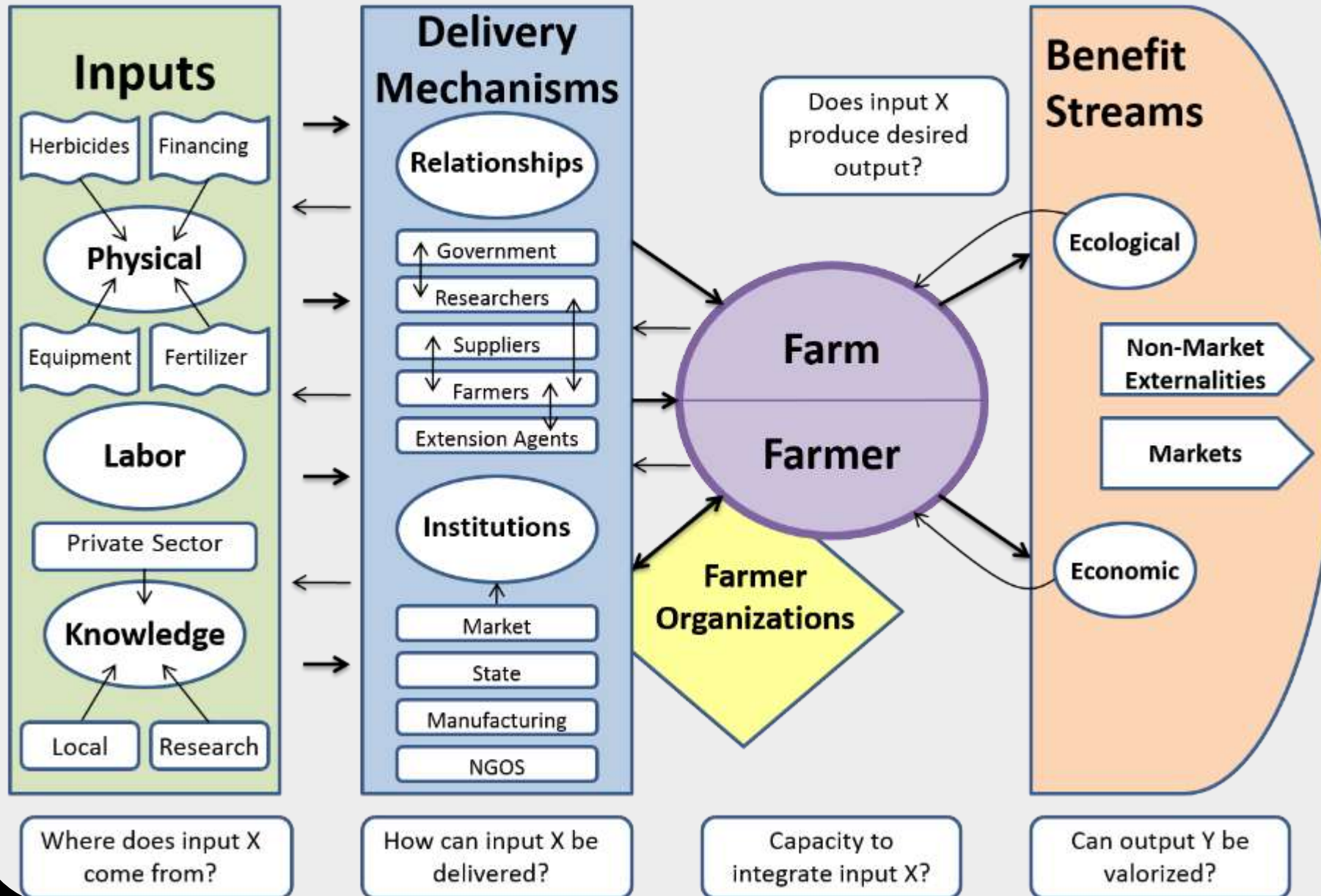
Bridging knowledge systems for change
Building coalitions to implement change
Risk and dread and ability to act

Secondary research is used to fill in the gaps in primary research as needed for each site.

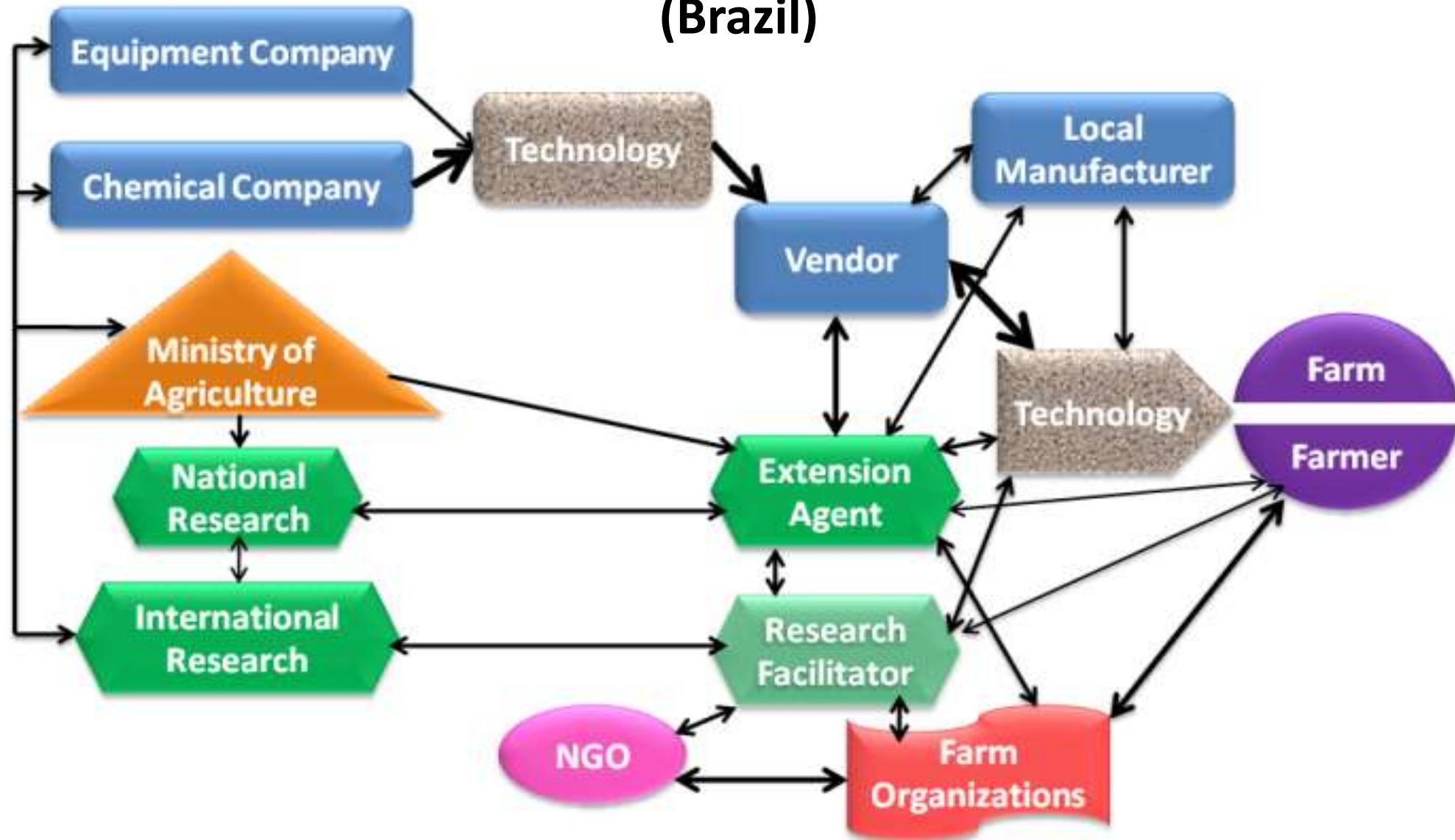




Model of Conservation Agriculture Production System



Network that developed Conservation Agriculture (Brazil)



Network that developed Conservation Agriculture (Ghana)

