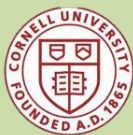




# Examining the Role of Human Dimensions Thinking in Landscape Conservation Planning

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# Collaborative Landscape Conservation

## Migratory Bird Joint Ventures

### Increasingly adopted

- Partnerships-based
- Co-governance



## NRCS Landscape Initiates



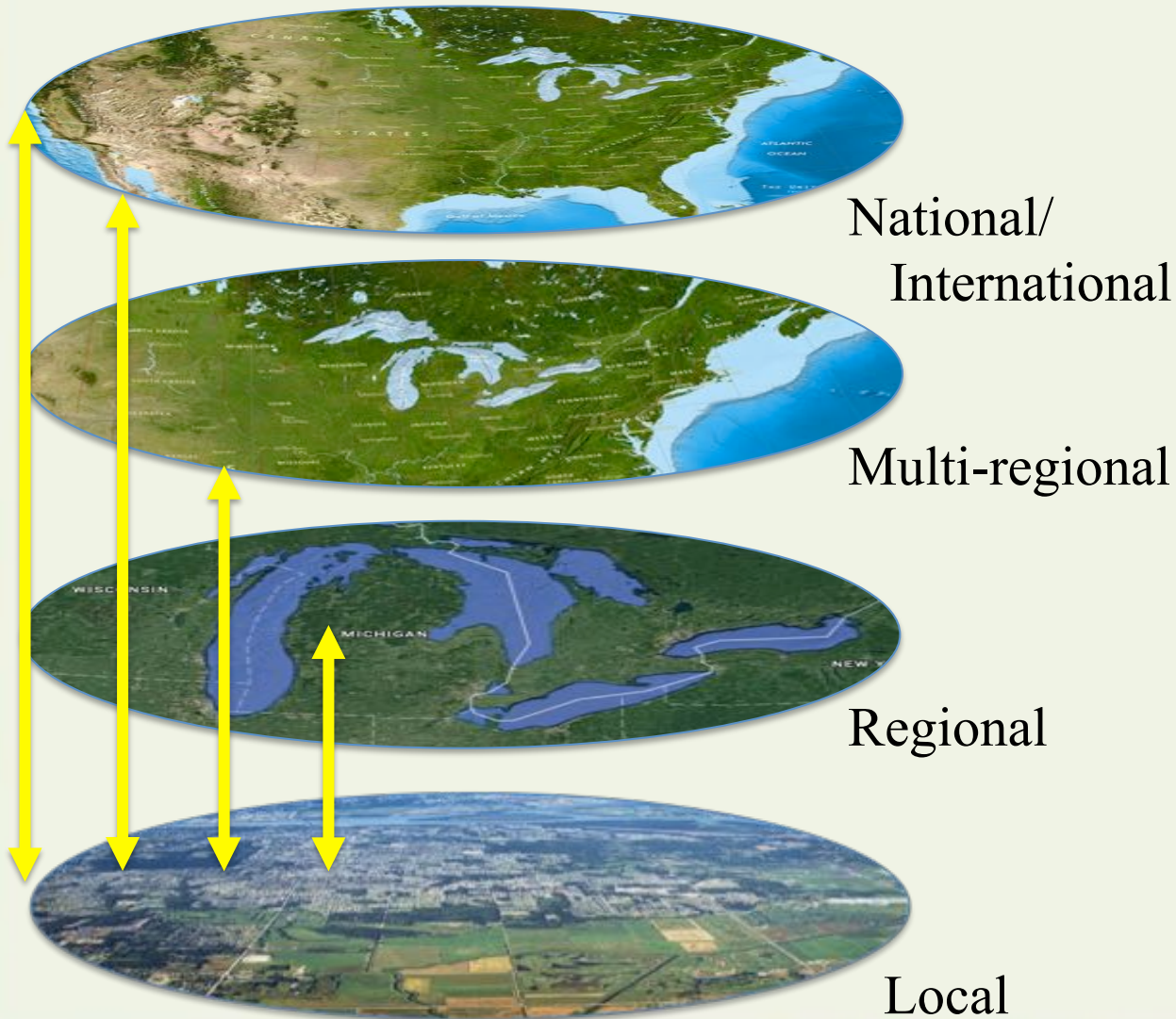
## Landscape Conservation Cooperatives

### Potential Challenges

Goals → Management Plan →  
Implementation ?



# Multiple Levels of Governance



# Multiple Levels of Governance





# Multiple Levels of Planning

Collaborative Landscape Conservation (CLC)  
Planning



Local Management  
Planning



# Local Stakeholders

## Local Stakeholders

1. Operate at the ground-level
2. Vested interests
3. Power to support or impede adoption

## Potential End-Users

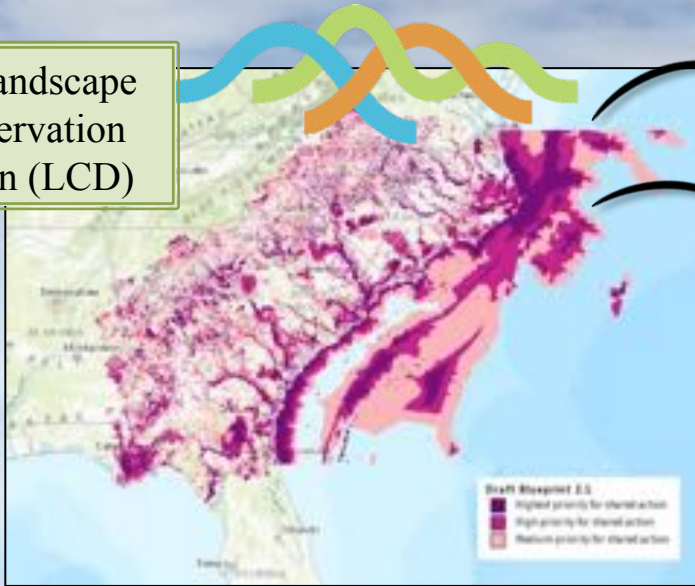
1. Influence, develop, or implement management plans
2. May use CLC planning products





# CLC Planning Products

Ex. Landscape  
Conservation  
Design (LCD)



## Planning Process

## Planning Product

- Common conservation goals and objectives
- Spatial analysis
- Priority conservation areas
- Management recommendations





# Potential Benefits of Stakeholder Participation

## **Good Environmental Governance**

- Inclusive, fair, transparent, forward-thinking, and legitimate planning processes

## **Social Learning**

- Enhance local relevancy of decisions

## **Stakeholder Awareness**

- Promote awareness of environmental threats

## **Likelihood of Adoption**

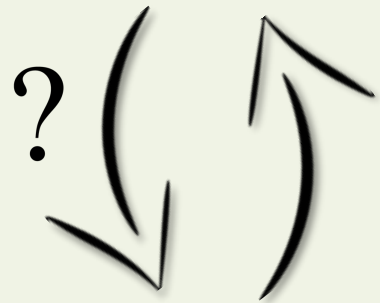
- Foster sense of ownership; willingness to adopt CLC planning products

# Planning-Implementation Gap





# Collaborative Landscape Conservation Planning



# Cornell's Social Science Inquiry

*When, where, and through what mechanisms can the values, interests, needs, and knowledge of local stakeholders be most effectively integrated into CLC planning processes?*





# Methods

## 1. Literature Review

## 2. Scoping Interviews

N=40

- Coordinators of 32 CLC initiatives

## 3. Three Case Studies

N=115

- 55 development team
- 50 end-users
- 10 alt. LCD coordinators

## End-Users' Organizational Affiliation

- County and Municipal Planning Commissions
- County Offices for Resource Use and Economic Development
- County Soil and Water Conservation Districts
- County Public Lands Offices
- Energy Development
- Environmental NGOs
- Federal Land Managers
- Forest Resource Interests
- Land Trusts
- Regional Planning Groups
- State Agricultural Agencies and Organizations
- State Land and Resource Managers
- Trust Land Administrations

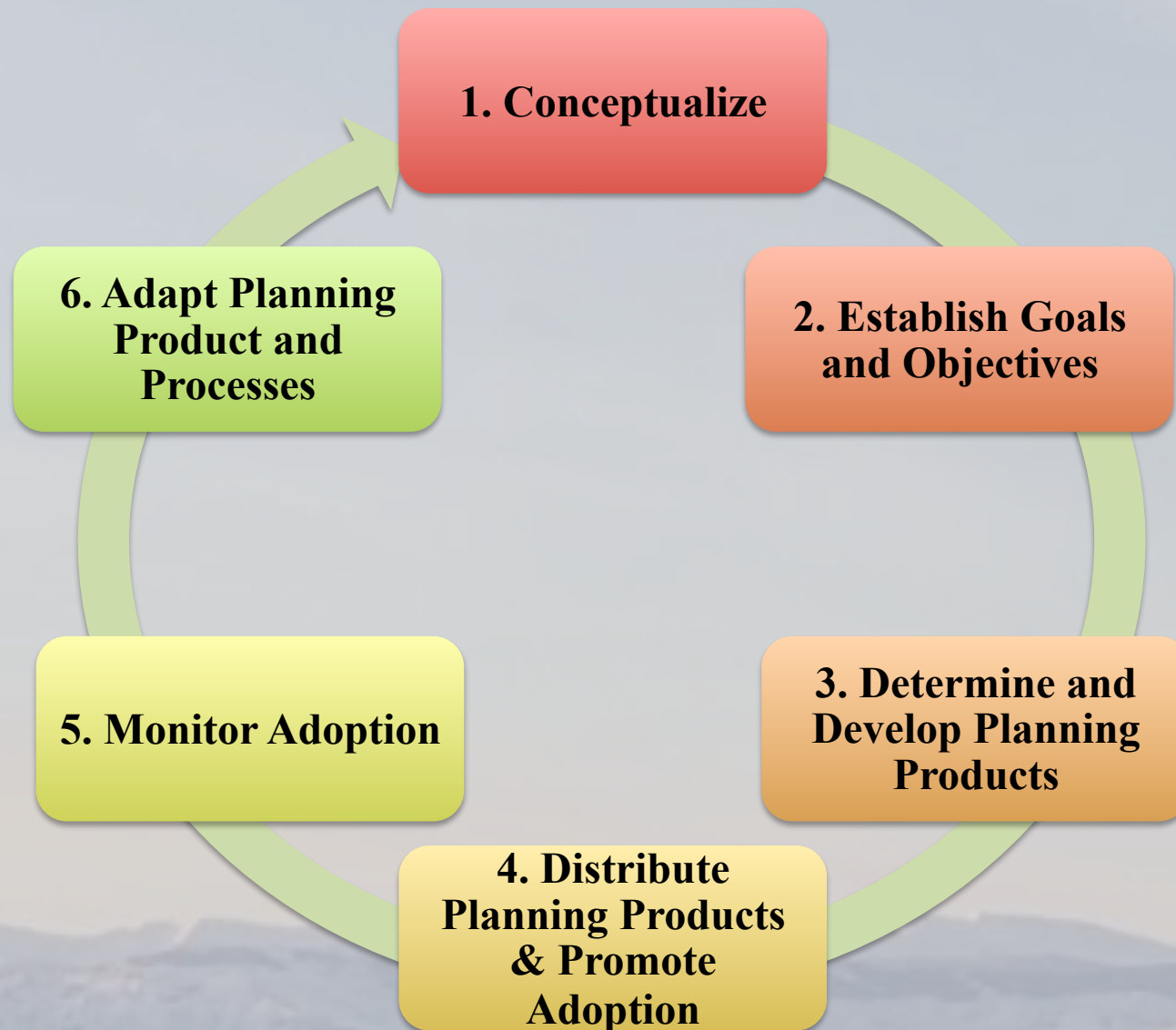
# A Study Product

## Practitioners' Guide

1. Local stakeholders' preferences
2. Challenges associated with lack of stakeholder participation
3. Best practice recommendations
4. Social data collection guidance

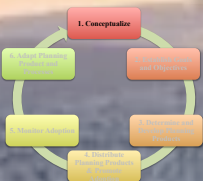


# CLC Planning Process



# 1. Conceptualize

- Develop a broad planning purposes
- Consider social values and meanings when defining the landscape
- Consider ongoing initiatives and local capacity
- Conduct a situation assessment
- Identify local stakeholders
- Establish a development team, ideally including local stakeholder representatives
- Communicate about the initiative early
- Consult stakeholders regarding their preferences for participation





## 2. Establish Goals and Objectives

- Conduct a needs assessment with end-users
- Use participatory mapping and scenario planning to inform conservation goal and objective development
- Follow-up with stakeholder participants



### 3. Determine and Develop Planning Products

- Use needs assessments to identify planning products that address end users' needs
- Iteratively refine form and function of planning products based on feedback from end-users
- Develop an implementation strategy





## 4. Distribute Planning Products & Promote Adoption

- Target stakeholder groups when communicating availability of planning products
- Acknowledge and address financial barriers to adoption
- Use demonstration sites



## 5. Monitor Adoption

- Monitor CLC product use
- Solicit feedback to facilitate product refinement and planning process adaptation





## 6. Adapt Planning Product and Processes

- Adapt planning process and/or products based on:
  - Feedback from end users
  - Analysis of changing social and ecological conditions
- Ensure capacity for adaption over time



# Intended Impact of Guide

- Help reduce planning-implementation gaps
- Help ensure CLC planning processes reflect good environmental governance
- Promote the sustainability of the CLC model



# Acknowledgements

- Interview participants
- Human Dimensions Branch, National Wildlife Refuge System (Natalie Sexton & Brad Milley)
- Practitioner Contact Team (Dr. Cynthia Jacobson, Gary Tabor, VMD, and Tom Miewald)
- Academic Advisory Committee (Dr. Katherine McComas, Dr. Richard Stedman, Dr. Cynthia Jacobson)
- Cornell University's Human Dimensions Research Unit

## Photo Credit

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# Questions & Discussion