

**Outline of AppLCC Goals and Objectives**

**Goal 1: Create and deliver a landscape-level data sharing strategy and scalable toolset**

1. Conduct AppLCC data needs assessment
2. Develop data sharing policies
3. Provide science information, tools, and data support to existing habitat partnerships and JVs
4. Feed data to SWAPs and other partner plans
5. Manage Climate Science Center relationship
6. Lead data integration and standards creation
7. Develop a scalable landscape-level planning tools

**Goal 2: Deliver landscape-level conservation plans for regional use**

1. Conduct threat assessment
2. Integrate human dimensions and cultural resources
3. Identify "best of the best" habitats
4. Assess impacts - land use changes on migration corridors
5. Integrate partner plans to deliver landscape-level plans
6. Identify opportunities to create resiliency in priority systems
7. Develop "surrogate species" approach for monitoring
8. Project future landscape conditions, indicating probable patterns and changes
9. Provide guidance on "how much" habitat is necessary for sustainable/resilient outcomes


**Goal 3: Create an on-going facilitated process to promote engagement and dialogue across the AppLCC region**

1. Generate understanding and support for our efforts
2. Create opportunities for sharing and dialogue
3. Engage regional land development, water delivery, roads, energy and other non-traditional (sectors)
4. Be the focal point for regional information
5. Communicate human dimensions benefits

**Goal 4: Align conservation goals and actions with our cooperative member's shared vision**

1. Ensure AppLCC products are linked to Member goals
2. Manage Cooperative Membership
3. Be THE FORUM for landscape-level planning & delivery
4. Integrate SWAPs and other planning efforts
5. Proactively identify threats and responses
6. Maximize Member conservation investments
7. Improve AppLCC in-reach communications
8. Sustain and enhance member conservation funding
9. Engagement regional planning entities
10. Facilitate communities of practice

TRB AS A PRIORITY LANDSCAPE: DISCUSSION

Landscape Modeling Analysis 

Modeling Priority Systems (Resources) = 8

- Unfragmented Forests
- High-elevation Forests
- Mature Lowland Forests
- Forested Wetlands
- Early Successional Habitats
- High-elevation Streams
- Low-elevation Streams
- Cave / Karst

Modeled 'Targets' = 20 [to Capture Priority (Resources)]

**Species**

**Distribution**

**Model (SDM)**

- Black bear
- Hellbender
- Brook Trout
- Spotted Skunk
- Golden-winged warbler
- Prairie Warbler
- Red Spruce

- Cave Obligate Aquatic Sp. Richness
- Cave Obligate Terrestrial Sp. Richness

**Special Places**

- Typic Foothills Cove Forest
- Typic Montane Cove Forest
- Rich Montane Cove Forest
- Shale Barrens
- Rock Outcrops
- Acidic Fens

**Key Features**

- Moderate gradient, warm headwaters
- Headwaters > 3k feet in elevation
- Top (10%) resilient sites (TNC)
- Roadless forest blocks > 75% canopy cover
- Forested Wetlands
- Least likely to depart from historical climate regimes