

Summary of AppLCC Web Survey (Early Results_July 5th)

My organization is on AppLCC Steering Committee. 50% Yes 28.1% N 21.9% Not sure

Receiving regular updates from my Steering Committee member. 60% Yes 40% No

I am providing substantive input to my Steering Committee member.
40% Yes 60% No

What do you see as the 2-3 most important goals AppLCC needs to consider in the next 3 to 5 years?

1. Completion of a climate change vulnerability assessment
2. Creation of a USER-FRIENDLY databases
3. Improved interdisciplinary communication of regional information
4. Managing terrestrial and aquatic resources and interrelationships.
5. Fully develop the science capacity in the Science Centers
6. Provide science and data support to the existing Habitat Partnerships.
7. Consider watersheds and major drainage basins as the basic units of inquiry and management.
8. Development tools to assess water supply and demand in the context of population growth, land use changes, and climate variability.
9. Communicating to public and leadership the environmental impacts, relative to climate forcing, of energy extraction and use.
10. Address greatest landscape level threats (e.g., energy development) and promote science/research to explain mechanisms by which the threats affect the landscape and biota.
11. Create a corridors/connectivity framework for the AppLCC area (e.g. acquisition, easements, habitat restoration targets and goals).
12. Species of priority conservation

13. Plans should help manage regional resources in hostile political and economic environments.
14. Implement systematic conservation planning, informed by Appalachian goals, and inclusive of stakeholder input
15. Relationship between focal species and socioeconomic benefits.
16. Communication among partners, data and tool integration (no more one-off projects), synthesis of partner research and implementation.
17. Manage Forests (for wildlife habitat, timber production/silviculture, fire management, etc.), under climate change.
18. Integrated GIS layers that go across state boundaries

What objective criteria should AppLCC use to prioritize the 3-5 year work plan?

1. Endemic species
2. Costs
3. Likelihood of success
4. Application to impending decisions and policies
5. Interdisciplinary and/or landscape approach
6. Need should trump cost and time frame.
7. Support efforts that have relevance across LCC boundaries
8. Efforts to collect original data that can be used to calibrate/validate/extend models/analyses based on 'found' or extant information.
9. Special emphasis on keystone species/habitat (brook trout, red spruce, and American chestnut)
10. Habitats, guilds or tax at greatest risk
11. How many partners list this goal in their short-term plans?
12. Will efforts provide a "story" that can be easily understood by the public?
13. Activity will result in one-the-ground tools to assist managers.
14. Will it lead to significant improvements

in the health of ecosystems across landscapes?

15. Use the criteria that have already been selected in the LCC workshop held last fall in Blacksburg

How should AppLCC measure success? (Please list any specific Indicators, measures, and metrics)

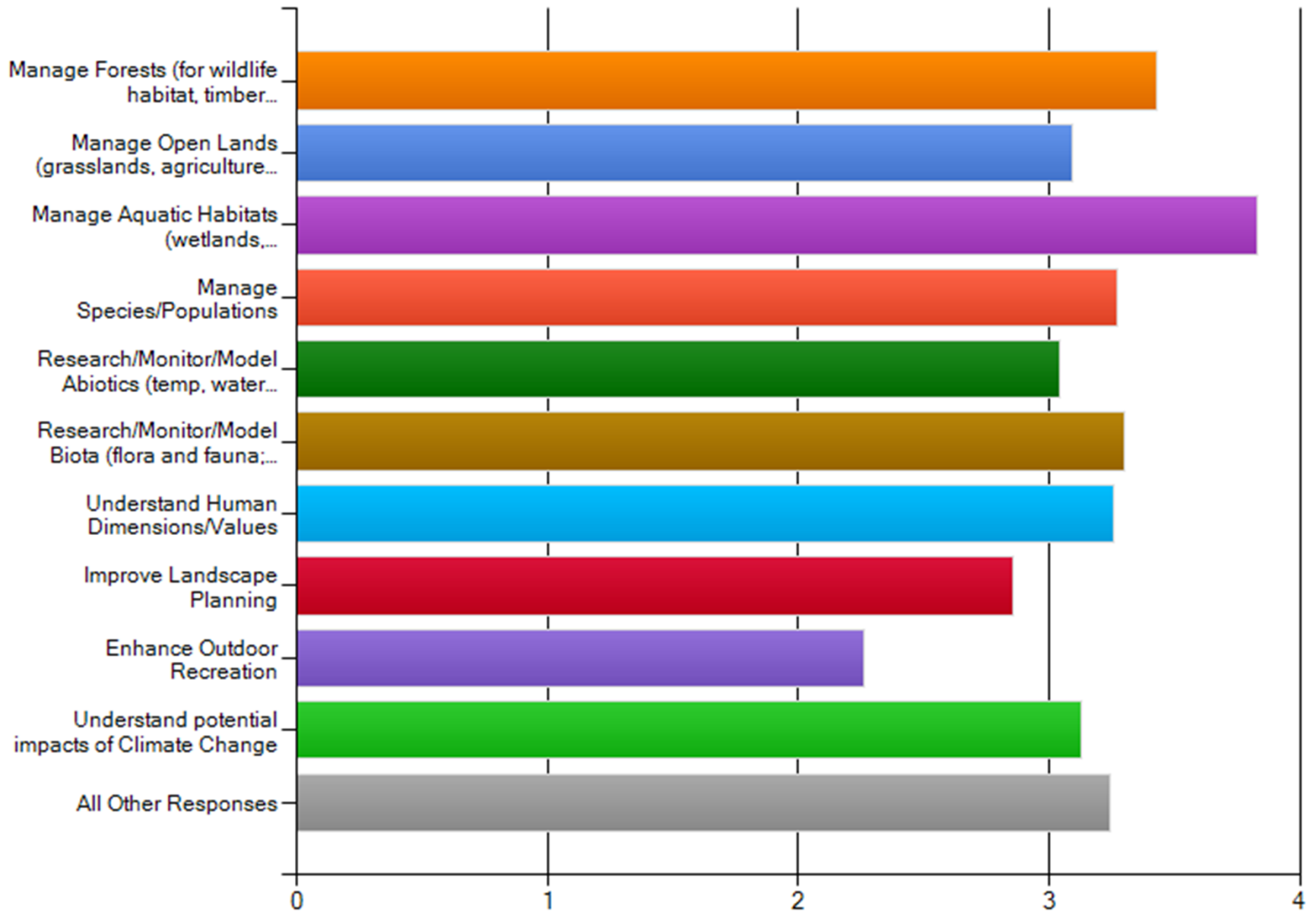
1. External (non-LCC sourced) funding for collaborations between relevant researchers and practitioners.
2. Relevancy of findings for impending regional decisions/policies
3. Dissemination of results to a broad audience
4. Full partnership participation
5. Integration of all biota.
6. Use of products by decision makers
7. Number of populations with downward trend halted or reversed
8. Landscape area enhanced, through cooperative efforts, for conservation
9. Acres of target habitat evaluated for risk.
10. Miles of stream evaluated for risk.
11. Acres and miles treated for adaptation.
12. Number of acres of land acquired or put in permanent easement within the priority AppLCC conservation areas.
13. The AFWA has recently completed a set of measures for State Wildlife Grant projects that could be adapted to LCC efforts.
14. On the ground conservation success
15. Objective metrics derived from satellite imagery
16. Satisfaction of cooperators
17. Socioeconomic measures of communities
18. Funds are spent on efforts that meet clearly identified management needs.
19. Products being developed are used
20. Number of people contributing data and tools.

What barriers do you see to integrating modeling results to answer questions and

apply results within AppLCC and between partners?

1. Cost
2. Participation of private landowners
3. Distrust of motivating factors
4. Lack of understanding beyond one's own discipline or location.
5. Ground truthing and actually applying the results practically in the field.
6. Scientists have favorite models and are loathe to use someone else'.
7. Partners have disparate needs and responsibilities.
8. Inviting the different interests to collaborate on LCC activities will enhance trust and confidence that outcomes are accurate
9. Lack of common language
10. Differing goals and priorities
11. Validate models and share results of this validation.
12. Lack of modeling expertise within partner organizations.
13. Distrust of models by elected officials and the public and moneyed interests.
14. Too many report-oriented exercises that do not translate to practical application
15. LCCs should pay attention to the vast amount of work being done at the interface of science and implementation.
16. Sociopolitical and economic concerns cause executive and legislative leaders to disagree on issues and delay action.
17. Resolution (scale), data consistency, data quality, statistical methods, data repository access, tool compatibility, API availability, tool source code availability,
18. Model results should be synthesized and evaluated by local experts who know how those results might apply on the ground.

8. Rate the conservation goals below



9. Rate the importance of including the following types of info on the AppLCC website?

