Data Submitted (UTC 11): 2/19/2020 9:07:02 PM
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Organization:
Title:
Comments: Very thorough document! A few comments on main assessment document.
p 17 please add some comments related to WUI, and that Ohio has some of the fastest increases in WUI lands in the nation. Also, the 42% increase in precipitation statement needs the time period over which this was measured.
p 26 WNS on bats - you tie WNS in same sentence as wind power deaths. Please separate these points as wind power is fairly negligible for killing bats as compared to WNS.
p 33 This sentence needs work: "The same pattern is true on the Wayne size class a (increases of 46% in the Wayne since 2006), as well as increases in the proportion of maple seedlings, saplings, and diameter sizes compared to oak." For example, don't you mean 'small' diameter classes. And what is a Wayne size class?
p 34 Please add EAB to the initial sentence on Insects and Disease.
p 37 "87% roads cross soils with severe or very severe erosion hazard." Is this result of overlay of roads on soils map? Please check again. Hard to believe, given page 55 shows 32-48% of soil area in these classes. I know many roads are on ridge tops but also many on flat land.
p 46 first line: typo form > from
p 98 that pub is now in print. Iverson, L., Bartig, J., Nowacki, G., Peters, M., Dyer, J., Hutchinson, T., Matthews, S., Adams, B., 2019. USDA Forest Service Section, Subsection and Landtype Descriptions for Southeastern Ohio. In. USDA Forest Service, Northern Research Station Research Map NRS-RMAP-10.

Comment on the Terrestrial Ecosystem supplement:
I was struck by the similarity of a lot of the text and figures to the Research Map noted above. Perhaps acknowledgement of this fact in the Introduction would be appropriate.

I was not happy with the level of presentation of methods, or at least references to the methods. For example, the overlay of Landfire with current (e.g. Fig 14 and others) needs more explanation. What defines "uncharacteristically high canopy closure" and how were wall-to-wall maps made of this? What time in past are we referring to? A general piece on Landfire was presented, but I need some assurance that I can trust the historic information. As it is presented, it raises skepticism. I have similar questions on the historic acres burned. These things are presented as so matter-of-fact when we know there is a lot of arm-waving involved. Would Gordon's presettlement map help add some confidence (not that it is all that great)?

I curious as to why you chose only connectedness to report on from the TNC data. I believe that all three metrics are very important, and that connectivity is probably less important in this context than Landscape Diversity and Resilience. We look for places that have resiliency, and a big piece of this is where are the sites that have the landscape conditions to float refugia, etc.

The climate change piece is a good summary from the Central Apps publication. I know it is too late but I wish you could use data from our newer work, which more specifically treats species for the WNF or for several 1x1 degree areas within the study area: https://www.fs.fed.us/nrs/atlas/combined/resources/summaries/

It also seems that the FIA data could be utilized more to learn about the status of trees now. After all, trees make up the forest - what is the status of them? We have a lot of those data in the RMAP report.

Thanks for the opportunity to respond! I realize not all of these comments can be fully addressed in the time frame but still wanted to provide my opinions on the WNF and that section of the state that I have studied for 27+ years and care so deeply about.

Sincerely,
Louis Iverson