

To the Environment Committee,

Here I submit brief comments on the Governor Lamont's climate bill, HB 6441.

These comments are aligned with the GC3 working group reports, interdisciplinary science, and common sense.

1. Regarding eligible expenditures for section 3D, I suggest explicitly adding ecological inventories. We need more data, and more long-term data.

2. Regarding the definition of ecosystem services, I suggest including public health as an ecosystem service.

3. Regarding section 19, 4 - it should read climate mitigation, adaptation and resilience. Mitigation is critical.

Here is the link to the Science and Technology Working Group report (GC3) which emphasizes the importance of mitigation and unbiased interdisciplinary science.

It also discusses public health and ecosystem services, as well as inevitable changes in temperature and precipitation that HB 6441 intends to address.

<https://portal.ct.gov/-/media/DEEP/climatechange/GC3/GC3-working-group-reports/GC3-Science-and-Technology-Working-Group-Final-Report-11-19-20.pdf>
<<https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fportal.ct.gov%2F-%2Fmedia%2FDEEP%2Fclimatechange%2FGC3%2FGC3-working-group-reports%2FGC3-Science-and-Technology-Working-Group-Final-Report-11-19-20.pdf&data=04%7C01%7Cenvtestimony%40cga.ct.gov%7C34a1db8a1e604276cb9508d8e1aa9d58%7C3ec76714b1b4418a883232c46ec84226%7C0%7C0%7C637507470347934540%7CUnknown%7CTWFpbG>

Zsb3d8eyJWljoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=A5W7nm6ZOIt%2FMGNItCJTmbkoGMhXo7kDbpyykaaf4ts%3D&reserved=0>

Here is a link to my testimony to a House Legislative Committee in Vermont, primarily on natural solutions and multisolving (unbiased interdisciplinary decision-making to achieve optimal solutions with multiple short- and long-term benefits; one benefit is always climate):

<https://www.youtube.com/watch?v=IN0fsNGsnI0>

<<https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.youtube.com%2Fwatch%3Fv%3DIN0fsNGsnI0&data=04%7C01%7Cenvtestimony%40cga.ct.gov%7C34a1db8a1e604276cb9508d8e1aa9d58%7C3ec76714b1b4418a883232c46ec84226%7C0%7C0%7C637507470347944492%7CUnknown%7CTWFpbGZsb3d8eyJWljoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=lu37nAPpu%2FD0aDNnhj0s5wu5tB8v580AOiNQF9nPNDw%3D&reserved=0>>

After my testimony is Ben Rose, Recovery and Mitigation Section Chief at Vermont Division of Emergency Management. His testimony (@~1:00) is primarily on stormwater preparedness and on funding sources that may be of interest to Connecticut (for example, opportunities to use federal hazard mitigation money for land conservation). Also, green infrastructure is underutilized, and self-sustaining natural biodiverse ecosystems are an ideal natural solution.

Thank you for your service.

Respectfully submitted,

Susan Masino, PhD

Note: I am experiencing extremely heavy email volume. Please don't hesitate to resend your reply.

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