



Diane Borggaard <diane.borggaard@noaa.gov>

Re: River Herring Climate Workshop Report: Review Information

Fri, Oct 5, 2012 at 7:10 PM

To: Diane Borggaard <Diane.Borggaard@noaa.gov>

Hi Diane,

sorry for the delay in submitting my review of the River Herring climate workshop report. I believe that the report includes and cites the best scientific information available on climate science to assess potential impacts on River Herring and their habitat. The hypotheses included in the report appear to be sound and derived logically from the information available. One area of research that should be included in a climate change impacts assessment is the relative sensitivity of different River Herring watersheds to future climate change. I am not familiar with the hydrologic modeling that's been done for eastern US watersheds, but based on what I've seen for western US watersheds it is quite possible that nearby streams are likely to respond in very different ways to the same large scale climate forcing. These responses are due to different physiography, and geology and associated groundwater resources found in different watersheds. I also suspect that the different estuaries used by River Herring likely have a wide diversity of sensitivities to large scale climate forcing. Without seeing the graphics included in the various presentations from this workshop it is not possible for me to evaluate the extent to which these issues of habitat diversity and relative levels of climate sensitivity was covered, but I hope these elements are considered in the impacts assessment.

Sincerely,

[Redacted signature]

[Redacted signature]