

Climate Module: The IPCC Report

You can find the “Summary for Policymakers” of the WGII Sixth Assessment Report posted on Canvas. Use this for the questions below.

1. Examine Figure SPM.2 on p. 10.

(a) Write a sentence summarizing the observed impacts of climate change on freshwater ecosystem structure in Asia. (Try to incorporate all of the information provided by the graphic.)

(b) Write a sentence summarizing the observed impacts of climate change on animal and livestock health and productivity in Central and South America. (Try to incorporate all of the information provided by the graphic.)

(c) Write a broad takeaway from the graphic on observed impacts of climate change on ecosystems or human systems. Your takeaway should go beyond just interpreting a single dot in the graphic, but it should be focused and clearly tied to the graphic.

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2. Examine Figure SPM.3 on p. 17-18.

(a) If there is 1.5° C warming, what is the predicted risk/impact of extreme weather events?

(b) Summarize the risk/impact of heat-related morbidity and mortality under the various adaptation scenarios.

(c) The graphics displayed on the second page of this figure show information on different regions of the world. Write a sentence or two about something you found interesting about this part of the graphic.

3. Examine Figure SPM.3 on p. 22. Pick one of the climate responses listed and write a paragraph summarizing the feasibility and benefits of this climate response, drawing on the information in the graphic.