

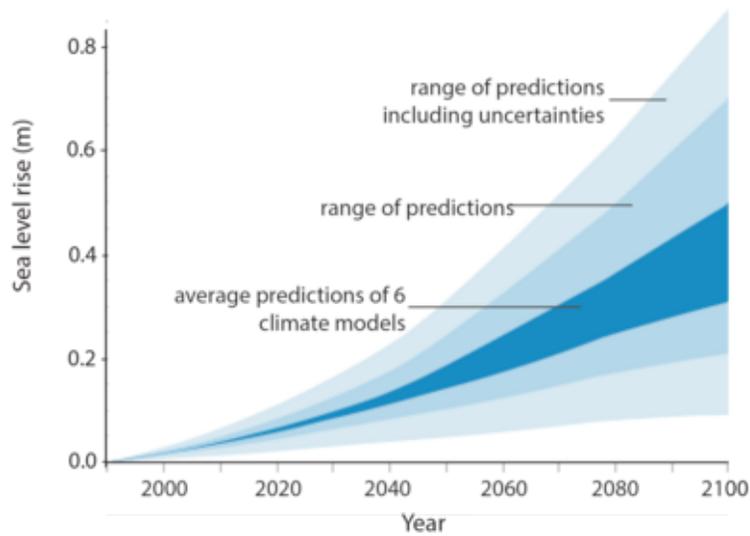
Future of the Cryosphere

PART B: Sea Level Rise

1: Make a prediction. Which type of ice (sea ice or land ice) do you think poses a larger threat to sea level rise if large-scale melting due to climate change were to occur? Explain.

2: Did your model support your prediction? Explain.

3: How could you make your model more accurate?



4: According to the graph above, the range of predicted sea level rise increases with time (i.e., the range of values for the year 2100 is greater than the range for the year 2020). Explain why.

5: How might scientists improve their estimates to get a tighter range of predicted values farther into the future? Explain.