Quiz for Lecture 2: Understanding Predictions and Projections in Climate

This quiz contains 2 questions. Complete this quiz to continue to the next lecture.
Understanding Predictions and Projections in Climate

What is the rationale behind Climate Projections?

A. There is an intrinsic evolution of the ocean currents that affects the atmosphere thus the winds and rainfall patterns

B. Changes in the composition of the atmosphere affect the Energy balance of the atmosphere and at the surface of the Earth thus ocean and atmospheric circulation

C. Widespread combustion of fossil fuels for transportation, domestic cooking and heating releases heat to the atmosphere thus produces an increase in the temperature

D. As new technologies are being developed it is projected that less and less people will feel climate as a constraint for their activities
B. Changes in the composition of the atmosphere affect the Energy balance of the atmosphere and at the surface of the Earth thus ocean and atmospheric circulation
What is more important when using a multi-model ensemble?

A. That all the models produce the same answer – this ensures that the answer is correct

B. To remove outliers from the distribution – they are wrong

C. To develop methods that allow using in some way the information contained in the whole distribution of values produced

D. To only keep the models that have been right in the past
Answer

C. To develop methods that allow using in some way the information contained in the whole distribution of values produced
You have completed quiz 2.

If you have any questions, please see the recommended readings and lecture materials before continuing to the next lecture.