

Confidential & Optional Assessment for the World Climate or World Energy Exercise Pre-Survey

Soon you will participate in the World Climate or World Energy role-play simulation. Before you do, we ask you to complete this short survey. After the simulation we will ask you to complete another survey, in which you will also be asked to comment on what you thought about the exercise and how it affected you. Each survey will take about ten minutes to complete. The results will help us to improve the experience.

Your participation in the surveys is voluntary. Note that we ask for your name only to be able to match your pre- and post-simulation surveys to one another. Your name will then be deleted and all analysis will be done using the anonymous data. Surveys will be collected and processed by someone other than your instructor. Thank you for considering participating.

NAME: _____

1) Have you participated in the World Climate or World Energy exercise before?

- Yes No

2) What is your gender?

- Female Male Other/don't wish to specify

3) What is your age?

- (for middle and high school): Up to Grade 8 Grade 9-12
(for adults): 18-24 25-35 36-50 51-75 76+

4) What Is Your Ethnicity?

- African
 Asian
 Hispanic
 Pacific Islander
 White
 Other/don't wish to specify

5) What is the highest level of education achieved by one or both of your parents or guardians?

- No school Some postsecondary (college) education
 Elementary school only Bachelor's degree or beyond
 Secondary (high) school

6) What is the highest level of education that you have achieved?

- No high school degree Some postsecondary (college) education
 Secondary (high school) degree Bachelor's degree or beyond

7) Were you in a science-related major in your postsecondary education?

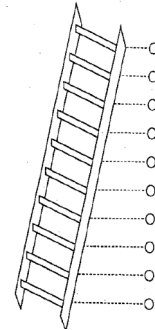
- Yes No

8) To what extent are you in favor of the government placing regulations on the free market?

- Strongly in favor
- Somewhat in favor
- Neutral
- Somewhat opposed
- Strongly opposed

9) What is your home country? _____

10) Think of this ladder as representing where people stand in your country. At the top of the ladder are people who are best off—those who have the most money, the most education, and the most respected jobs. At the bottom are the people who are worst off—who have the least money, the least education, and the least respected jobs or no job. The higher up you are on this ladder, the closer you are to the people at the very top; the lower you are, the closer you are to the people at the very bottom. When considering your overall life circumstances, where would you place yourself on this ladder? **Please fill in the circle that best represents where you stand at this time in your life compared to other people in your country.**



11) How would you rate your knowledge about climate change?

- I have no knowledge of climate change
- Very limited; I have heard about it, but I am not aware of the facts
- I have gathered some information about the subject
- I have been studying the effects of climate change
- I am an expert on climate change

12) Do you think that climate change is happening?

Yes....

- I am extremely sure
- I am very sure
- I am somewhat sure
- I am not at all sure

No....

- I am extremely sure
- I am very sure
- I am somewhat sure
- I am not at all sure
- Don't know

13) Assuming climate change is currently happening, do you think it is:

- Caused mostly by human activities
- Caused mostly by natural changes in the environment
- Caused equally by both
- Don't know

14) How important is the issue of climate change to you personally?

- Extremely important
- Very important
- Somewhat important
- Not too important
- Not at all important

15) How worried are you about climate change?

- Very worried
- Somewhat worried
- Not very worried
- Not at all worried

19) To what extent do you agree with the following statements?

	Strongly agree	Moderately agree	Neither agree nor disagree	Moderately disagree	Strongly disagree
a) With the current rate of heat-trapping/greenhouse gas emissions, carbon dioxide levels will continue to increase because emission rates are higher than the rate at which carbon dioxide is being taken out of the atmosphere.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) It makes sense to wait and see what the climate impacts are before taking action.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) Changes in policies and energy systems are needed in order to effectively address climate change.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) New technologies will be developed that will solve the problems of climate change.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e) Using current technologies, it is possible to reduce emissions and address climate change.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f) We could effectively address climate change if there were strong political and social will to do so.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g) Successfully addressing climate change will also improve environmental health, beyond the effects of climate itself.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h) Successfully addressing climate change will have a positive impact on social justice.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

20) Atmospheric carbon dioxide (CO₂) concentrations are currently around 400 ppm (parts per million). Which of the following emissions pathways in Diagram 2 is most likely to meet the goal of stabilizing atmospheric CO₂ concentrations around 450 ppm (Diagram 1)?

Diagram 1 – Goal for CO₂ in Atmosphere

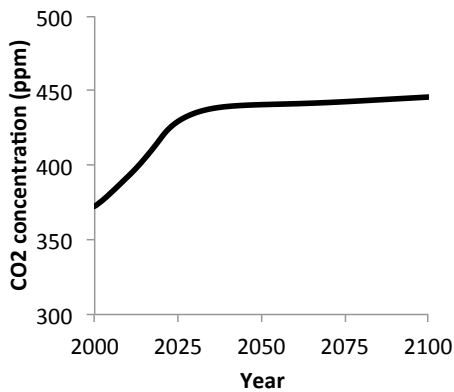
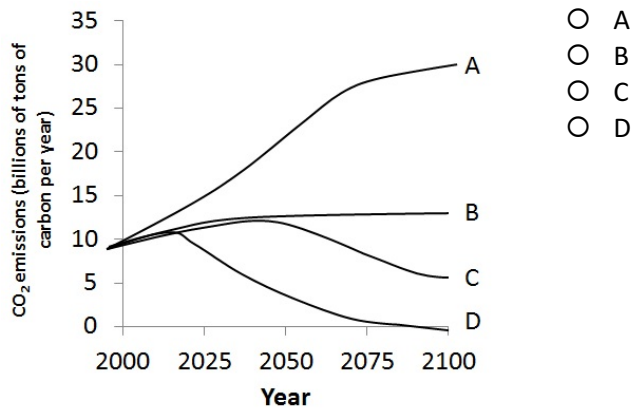


Diagram 2 – Potential Emission Pathways to Reach Goal

5)



- A
- B
- C
- D

21) To what extent do you agree with the following statements?

	Strongly agree	Moderately agree	Neither agree nor disagree	Moderately disagree	Strongly disagree
a) The government interferes far too much in our everyday lives.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) Sometimes government needs to make laws that keep people from hurting themselves.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) It's not the government's business to try to protect people from themselves.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) The government should stop telling people how to live their lives.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e) The government should do more to advance society's goals, even if that means limiting the freedom and choices of individuals.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f) Government should put limits on the choices individuals can make so they don't get in the way of what's good for society.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g) We have gone too far in pushing equal rights in this country.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h) Our society would be better off if the distribution of wealth was more equal.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i) We need to dramatically reduce inequalities between the rich and the poor, whites and people of color, and men and women.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
j) Discrimination against minorities is still a very serious problem in our society.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
k) It seems like blacks, women, homosexuals and other groups don't want equal rights, they want special rights just for them.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
l) Society as a whole has become too soft and feminine.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Thank you!