Hello. My name is ___________________ and I’m a student at Muhlenberg College. We are conducting a research project regarding environmental issues in the United States. Would you be able to help us by answering a few questions?

Yes.....................1
No......................2 (Thank and terminate)
Not sure.............98 (Thank and terminate)
Refused.............99 (Thank and terminate)

Q1. Thank you. In which category does your current age fall? (READ LIST)

18-29.........................1
30-44..........................2
45-64..........................3
or 65 and older...............4
Refused but stated they are 18 or over …..5
Refused..........................99 (Thank and terminate)

Q2. What state do you currently reside in?

(OPEN) ______________________________________________________

Q3. Next, I would like to ask you a few questions on the issue of global warming. From what you’ve read and heard, is there solid evidence that the average temperature on earth has been getting warmer over the past four decades?

Yes ..............................1
No ..................................2 (SKIP TO Q15)
Not Sure (Volunteered)..........98 (SKIP TO Q20)
Refused (Volunteered).........99 (SKIP TO Q20)

Q4. How confident are you that the average temperature on earth is increasing? Are you very confident, fairly confident, not too confident, or not confident at all that the average temperature on earth is increasing?

Very confident.....................1
Fairly confident.....................2
Not too confident...................3
Not confident at all...............4
Not Sure (Volunteered)..........98
Refused (Volunteered).........99
Q5. Is the earth getting warmer because of human activity such as burning fossil fuels, or mostly because of natural patterns in the earth’s environment?

Human activity………………………..…..1
Natural patterns……………………………2
A combination (Volunteered)……………….3
Not Sure (Volunteered)…………………….98
Refused (Volunteered)…………………….99

Q6. What is the primary factor that has caused you to believe that temperatures on earth are increasing?

(OPEN)_____________________________________________________________

Next I would like to read you a list of factors that may or may not have had an effect on your view that the earth is getting warmer. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that the earth is getting warmer. First, [ROTATED LIST]

<table>
<thead>
<tr>
<th>Question</th>
<th>Very Large</th>
<th>Somewhat Large</th>
<th>Not Too Large</th>
<th>No Effect</th>
<th>Not Sure (Volunteered)</th>
<th>Refused (Volunteered)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q7. Declining glaciers and polar ice throughout the globe</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>98</td>
<td>99</td>
</tr>
<tr>
<td>Q8. Warmer temperatures in your area during recent years</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>98</td>
<td>99</td>
</tr>
<tr>
<td>Q9. Computer models that indicate the earth is getting warmer</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>98</td>
<td>99</td>
</tr>
<tr>
<td>Q10. The strength of hurricanes hitting the United States</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>98</td>
<td>99</td>
</tr>
<tr>
<td>Q11. Milder winters in your area</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>98</td>
<td>99</td>
</tr>
<tr>
<td>Q12. Declining numbers of polar bears and penguins</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>98</td>
<td>99</td>
</tr>
<tr>
<td>Q13. Severe droughts in areas across the United States</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>98</td>
<td>99</td>
</tr>
<tr>
<td>Q14. Extreme weather events such as major storms and floods</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>98</td>
<td>99</td>
</tr>
</tbody>
</table>

**************************************************************************SKIP TO Q20**************************************************************************
**ONLY THOSE WHO ANSWERED “NO” IN Q3 (i.e., do not believe temperatures are increasing)**

Q15. How confident are you that the average temperatures on earth are NOT increasing? Are you very confident, fairly confident, not too confident, or not confident at all that the average temperature on earth is NOT increasing?

- Very confident…………………………….1
- Fairly confident……………………………2
- Not too confident………………………….3
- Not confident at all……………………….4
- Not Sure (Volunteered)…………………..98
- Refused (Volunteered)…………………..99

Q16. What is the primary factor that makes you believe that temperatures on earth are not increasing?

(OPEN) _______________________________________________________________

Next I would like to read you a list of factors that may or may not have had an effect on your view that global warming is NOT occurring. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that global warming is not occurring.

First, [ROTATED LIST]

<table>
<thead>
<tr>
<th>Factor</th>
<th>Very Large</th>
<th>Somewhat Large</th>
<th>Not Too Large</th>
<th>No Effect</th>
<th>Not Sure (Volunteered)</th>
<th>Refused (Volunteered)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q17. Your personal observations of weather in your area</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>98</td>
<td>99</td>
</tr>
<tr>
<td>Q18. Scientific evidence that disproves the existence of global warming</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>98</td>
<td>99</td>
</tr>
<tr>
<td>Q19. Reports that climate scientists have distorted data to demonstrate that global warming is occurring</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>98</td>
<td>99</td>
</tr>
</tbody>
</table>
Q20A. How concerned are you about the issue of **global warming**? Are you very concerned, somewhat concerned, not too concerned, or not concerned at all about the issue of global warming?

Q20B. How concerned are you about the issue of **climate change**? Are you very concerned, somewhat concerned, not too concerned, or not concerned at all about the issue of climate change?

- Very Concerned……………….1
- Somewhat Concerned……….  2
- Not too Concerned……………3
- Not Concerned at all………..4
- Not Sure (Volunteered)…….98
- Refused (Volunteered)……..99

Q21A. As you may already know, government leaders from around the world will meet in November to negotiate a new international agreement to limit global emissions of greenhouse gases. How much do you support the US signing onto an agreement? Do you strongly support, somewhat support, neither support or oppose, somewhat oppose or strongly oppose the US taking such a position?

Q21B. As you may already know, government leaders from around the world will meet in November to negotiate a new international agreement to limit global emissions of greenhouse gases. How much do you support the US signing onto an agreement, **even if it means doing so ahead of other countries such as China**? Do you strongly support, somewhat support, neither support or oppose, somewhat oppose or strongly oppose the US taking such a position?

- Strongly support………….…. 1
- Somewhat support…………. 2
- Neither support nor oppose..….3
- Somewhat oppose…………….4
- Strongly oppose……………. 5
- Not Sure (Volunteered)……..98
- Refused (Volunteered)……..99

Q22. Still thinking about America’s international role in combating global warming, can you tell me if the US is part of the Kyoto protocol?

- Yes ………………………..……1
- No …………………………….2
- Not Sure (Volunteered)………..98
- Refused (Volunteered)……….99
There have been a number of ideas proposed for how state governments can reduce the emissions of greenhouse gases. For each idea that I mention please tell me if you strongly support, somewhat support, somewhat oppose, or strongly oppose the proposed ways states can reduce greenhouse gas emissions.

[ROTATE Q23-26 and RANDOMIZE whether respondent gets version A or B]

Q23A. State governments should increase taxes on all fossil fuels in order to reduce greenhouse gas emissions.
Q23B. State governments should increase taxes on all fossil fuels in order to reduce greenhouse gas emissions even if it raises the cost of energy by about 10 per cent.

Q24A. State governments should allow businesses to buy and sell permits to release greenhouse gases
Q24B. State governments should allow businesses to buy and sell permits to release greenhouse gases even if it increases the cost of some goods by about 10 per cent.

Q25A. State governments should require a set portion of all electricity to come from renewable energy sources such as wind and solar.
Q25B. State governments should require a set portion of all electricity to come from renewable energy sources such as wind and solar even if it increases the cost of electricity by about 100 dollars per year.

Q26A. State governments should increase taxes on gasoline in order to greenhouse gas emissions.
Q26B. State governments should increase taxes on gasoline in order to reduce greenhouse gas emissions even if it increases the price of gasoline by about 25 cents per gallon.

Response options for Q23-Q26
- Strongly support................. 1
- Somewhat support................2
- Somewhat oppose.................3
- Strongly oppose..................4
- Not Sure (Volunteered).........98
- Refused (Volunteered)..........99
Q27. There is a proposed system called cap and trade where the government would issue permits limiting the amount of greenhouse gases companies can put out. Companies that did not use all their permits could sell them to other companies. The idea is that many companies would find ways to put out less greenhouse gases because that would be cheaper than buying permits. Have you heard a lot about this system, a little, or not at all?

A lot..............................1
A little..............................2
Not at all.........................3
Not Sure (Volunteered)..........98
Refused (Volunteered).........99

Q28. Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?

Strongly support..............1
Somewhat support..............2
Somewhat oppose...............3
Strongly oppose..............4
Not Sure (Volunteered)........98
Refused (Volunteered).........99

Q29. What if the cap and trade program significantly lowered greenhouse gases but raised your monthly energy costs by 15 dollars a month? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?

Strongly support..............1
Somewhat support..............2
Somewhat oppose...............3
Strongly oppose..............4
Not Sure (Volunteered)........98
Refused (Volunteered).........99

Q30. Another way to lower greenhouse gas emissions would be to increase taxes on carbon based fuels such as coal, oil, gasoline and natural gas. Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?

Strongly support..............1
Somewhat support..............2
Somewhat oppose...............3
Strongly oppose..............4
Not Sure (Volunteered)........98
Refused (Volunteered).........99
Q31. What if the carbon fuels tax significantly lowered greenhouse gases but increased your energy costs by 15 dollars a month? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?

Strongly support.............. 1
Somewhat support.............2
Somewhat oppose.............3
Strongly oppose.............4
Not Sure (Volunteered).......98
Refused (Volunteered).......99

[SPLIT SAMPLE]
[RANDOMIZE whether respondent gets version A or B]

Q32A. And what if revenues from the tax were used to fund research and development for energy efficiency and renewable energy programs? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?

Q32B. And what if the tax was made to be completely “revenue neutral”, meaning that every dollar collected by the government would be returned in the form of a tax rebate payment made to you each year. Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?

Strongly support.............. 1
Somewhat support.............2
Somewhat oppose.............3
Strongly oppose.............4
Not Sure (Volunteered).......98
Refused (Volunteered).......99

Q33A. An alternative policy would set a hard cap on emissions from coal-fired electricity. Do you strongly support, somewhat support, somewhat oppose or strongly oppose imposing new regulations on coal-fired electricity generation to address climate change?

Q33B. President Obama has proposed setting a hard cap on emissions from coal-fired electricity. Do you strongly support, somewhat support, somewhat oppose or strongly oppose imposing new regulations on coal-fired electricity generation to address climate change?

Strongly support.............. 1
Somewhat support.............2
Somewhat oppose.............3
Strongly oppose.............4
Not Sure (Volunteered).......98
Refused (Volunteered).......99
PARTISAN CUE EXPERIMENT
[RANDOMIZE whether respondent gets A, B, C, D, or E]

Q34A. Some politicians have proposed policies that would increase the price of emitting carbon dioxide in the US. Other politicians do not support this policy, and have called this proposal a new tax. Do you support, oppose, or neither support or oppose efforts to increase the cost of carbon pollution?

Q34B. Some Democrats have proposed policies that would increase the price of emitting carbon dioxide in the US. However, some Republicans do not support this policy, and have called this proposal a new tax. Do you support, oppose, or neither support or oppose efforts to increase the cost of carbon pollution?

Q34C. Some Republicans have proposed policies that would increase the price of emitting carbon dioxide in the US. However, some Democrats do not support this policy, and have called this proposal a new tax. Do you support, oppose, or neither support or oppose efforts to increase the cost of carbon pollution?

Q34D. Some politicians have proposed policies that would increase the price of emitting carbon dioxide in the US. However, some Democrats do not support this policy, and have called this proposal a new tax. Do you support, oppose, or neither support or oppose efforts to increase the cost of carbon pollution?

Q34E. Some politicians have proposed policies that would increase the price of emitting carbon dioxide in the US. However, some Republicans do not support this policy, and have called this proposal a new tax. Do you support, oppose, or neither support or oppose efforts to increase the cost of carbon pollution?

Response options for Q34A-Q34E

Support..............................1 (GO TO Q35A)
Oppose..............................2 (GO TO Q35B)
Neither support nor oppose....3 (SKIP TO Q36)
Not Sure (Volunteered).......98 (SKIP TO Q36)
Refused (Volunteered).......99 (SKIP TO Q36)

Q35A. And is that strongly support, support, or moderately support?

Strong support.............1
Support.........................2
Moderate support.........3
Not Sure (Volunteered)...98
Refused (Volunteered)....99

Q35B. And is that strongly oppose, oppose, or moderately oppose?

Strong oppose.............1
Oppose.........................2
Moderate oppose.........3
Not Sure (Volunteered)...98
Refused (Volunteered)....99
Q36A. If it required you to pay extra money each year in order for more renewable energy to be produced, how much would you be willing to pay? Would you be willing to pay…

[READ LIST]

Nothing each year……………………….1
1 to 50 dollars per year……………………..2
50 to 100 dollars a year.........................3
100 to 250 dollars a year......................4
250 to 500 dollars a year.......................5
Over 500 dollars a year.......................6
Not Sure (Volunteered)......................98
Refused (Volunteered)....................99

Q36B. If it required you to pay extra money each year in order for more renewable energy to be produced, how much would you be willing to pay?

(OPEN) _______________________________________


Please identify your level of agreement with the following statements. For each statement please indicate if you strongly agree, somewhat agree, somewhat disagree or strongly disagree. First, [ROTATED LIST]

<table>
<thead>
<tr>
<th>Statement</th>
<th>Strongly Agree</th>
<th>Somewhat Agree</th>
<th>Somewhat Disagree</th>
<th>Strongly Disagree</th>
<th>Not Sure (Volunteered)</th>
<th>Refused (Volunteered)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q37. If the federal government fails to address the issue of global warming it is my state’s responsibility to address the problem.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>98</td>
<td>99</td>
</tr>
<tr>
<td>Q38. State governments will boost their economies by requiring greater use of renewable energy.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>98</td>
<td>99</td>
</tr>
<tr>
<td>Q39. My state should not adopt anti-global warming policies unless its neighboring states also adopt similar policies.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>98</td>
<td>99</td>
</tr>
<tr>
<td>Q40. My state has already felt the negative effects of global warming.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>98</td>
<td>99</td>
</tr>
<tr>
<td>Q41: Rich countries like the US have a moral obligation to show international leadership by reducing their greenhouse gas emissions.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>98</td>
<td>99</td>
</tr>
</tbody>
</table>

Q42. There is currently some discussion around the construction of new energy pipelines to transport oil and gas across parts of Canada and the United States. Do you strongly support, somewhat support, somewhat oppose or strongly oppose the construction of these new pipelines to transport oil and gas?

  
  Strongly support…………….. 1  
  Somewhat support……………...2  
  Somewhat oppose………………3  
  Strongly oppose………………..4  
  Not Sure (Volunteered)……..98  
  Refused (Volunteered)………99
Q43. Finally a few questions about yourself. Which of the following categories best describes your racial identity? Are you… [READ LIST]

White/Caucasian……………. 1
African-American…………. 2
Hispanic……………………..3
Latino ……………………….4
Asian………………………....5
Native American……………..6
Mixed race…………………..7
Other ………………………..8
Not Sure (Volunteered)…..98
Refused (Volunteered)……..99

Q44. Which of the following categories best describes your religious affiliation? Are you… [READ LIST]

Protestant……………………………….1
Catholic……………………………....2 (SKIP Q45)
Jewish………………………………….3 (SKIP Q45)
Muslim ……………………………….4 (SKIP Q45)
Hindu………………………………….5 (SKIP Q45)
Other religion (including agnostic)…..6 (SKIP Q45)
Atheist……………………………….7 (SKIP Q45)
Not Sure (Volunteered)……………….98 (SKIP Q45)
Refused (Volunteered)………………..99 (SKIP Q45)

Q45. Would you describe yourself as an evangelical Christian?

Yes………………………1
No………………………2
Not Sure (Volunteered)…98
Refused (Volunteered)… 99

Q46. What is your highest level of education? [READ LIST]

Less than High School Graduate…………………1
High School Graduate…………………………2
Some college or technical school………………3
College graduate……………………………..4
Graduate or professional degree………………5
Not Sure (Volunteered)………………………….98
Refused (Volunteered)…………………………99
Q47. Which of the following is your primary source for national and world news? [READ LIST]

Television.........................1
Newspapers.......................2
Talk radio programs............3
Radio news programs...........4
The internet......................5
Other (Volunteered)..........6
Not Sure (Volunteered)......98
Refused (Volunteered)......99

Q48. Which of the following best describes your political party affiliation? [READ LIST]

Democrat.......................1
Republican.....................2
Other party...............3
Independent........4
Not Sure (Volunteered)....98
Refused (Volunteered).....99

Q49. Which of the following best describes your political beliefs? [READ LIST]

Very Conservative......................1
Somewhat Conservative...........2
Moderate..........................3
Somewhat Liberal..................4
Very Liberal......................5
Not Sure (Volunteered)..........98
Refused (Volunteered).........99

Q50. Over the past 12 months, would you say that your personal financial situation has been getting better, been getting worse, or stayed about the same?

Better............................1
Worse..............................2
About the same...............3
Not Sure (Volunteered)......98
Refused (Volunteered)......99

Q51. Which of the following categories best describes your family income? Is it… [READ LIST]

Less than 20,000...............1
20,000-40,000...................2
40,000-60,000...............3
60,000-80,000.................4
80,000-100,000..............5
Over 100,000..................6
Not Sure (Volunteered).....98
Refused (Volunteered)....99
Q52. Finally, what is the zip code of your current residence?

(Response) ___________

Q53. Thank you for your help with the survey. We appreciate your time.

[DO NOT ASK!]
Male……………………….. 1
Female………………………..2
Not Sure …………………….98