

Informed Consent

INTERVIEW ON CLIMATE CHANGE, DISASTER, AND LOCAL EXPERIENCES

INFORMATION LETTER

Study of Global Climate Change and Concern

Dear Potential Participant:

Arizona State University is conducting a study of public perceptions of climate change in different countries. The research objective is to understand peoples' opinions of concerns with weather and climatic experiences.

You are being asked to participate in this study to help us understand public perceptions of climate change in your community. Your participation would involve answering questions about your environment and some background information, such as the neighborhood you live in and the number of years you've lived there. Also, you must be 18 or older to participate and so we will ask for your age. However, we will not ask for your name, address, or any other personal identity information. No one will be able to identify you based on the responses you give. 480 or more people are being invited to participate in this study in many locations around the world, and each will be asked to answer the same questions about a climate change and related concerns based on their own experiences. You are being invited to participate. Your involvement should take about 25 minutes.

Your participation in this study is voluntary. If you choose not to participate or to withdraw from the study at any time, there is no penalty. The results of the research study may be published, but your name and other uniquely identifying information will never be published or associated with your answers in any way.

Although there may be no direct benefit to you, the possible benefit of your participation is an improved understanding of how the public understands and is affected by climate change and associated concerns.

If you have any questions concerning the research study, please call us at (480) 965-0499 or email me on amber.wutich@asu.edu.

Sincerely,

Amber Wutich, Ph.D.
Associate Professor
School of Human Evolution and Social Change
Arizona State University

Alexandra Brewis, PhD
Professor
School of Human Evolution and Social Change
Arizona State University

If you have any questions about your rights as a subject/participant in this research, or if you feel you have been placed at risk, you can contact the Chair of the Human Subjects Institutional Review Board, through the ASU Research Compliance Office, at (480) 965-6788 or email research.compliance@asu.edu.

1. Survey ID

(two letters and two numbers in red, e.g. US01)

Information about the Survey Itself

This page has information and questions devoted to how the survey was administered.

2. Did this person consent to taking the survey? (If YES, proceed)

Yes

No

3. Has this person lived in this location for at least six months? (If YES, proceed)

Yes

No

4. Survey Number

(Country Code Your Initials Number, e.g. USRS01)

5. Place of Interview

6. Date of Interview (MM/DD/YY)

7. Interviewer's Name

8. Time of Interview

9. Is the respondent:

Male

Female

PROBING

In open-ended interviewing, you may need to probe the interviewee in order to get a response. Probing is different than prompting in that prompting will put word's into your respondent's mouth. Because this is a difficult balance, we have provided you with a list of acceptable probes. You do not have to use these probes on each interview. Use them selectively as needed.

DO NOT probe using probes that are not listed, and DO NOT go off the script.

Acceptable probes for all questions:

If a person says "I don't know" you can respond with, "It's ok if you don't know, we are just interested in what you think." then repeat question adding "think" into the question.

If a person gives you a short response, you can respond with:

"Can you tell me more?"

"What else do I need to know?"

"Is there anything else you'd like to add?"

There are also question specific probes included within this survey.

10. I am going to begin by asking you a series of questions about how you think and feel and I will be writing down your answer. This first part will go a little bit more slowly because it will be a conversation between us. The second part will go more quickly because I will give you the rest of the survey to complete.

Thinking about your town/local community/neighborhood, what do you like most about living here?

11. What do you like least about living here?

12. Please list the top three climate change challenges that are affecting or will affect this place. (INTERVIEWER: keep encouraging them until they have listed AT LEAST three concerns, or until they cannot think of any others).

1	<input type="text"/>
2	<input type="text"/>
3	<input type="text"/>
4	<input type="text"/>
5	<input type="text"/>

Lives

13. Now, I'm going to ask some questions about people's lives here.

First, how has climate change already affected the way people live here?

14. How might climate change affect the way people here live in the future?

15. Thinking about people's lives here, how do you FEEL when you think about the way these changes might affect you, your family, and community?

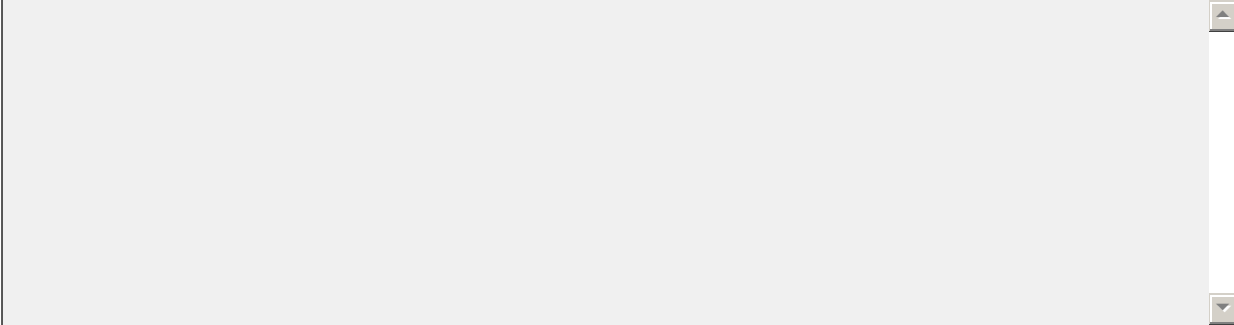
PROBE: Can you tell me more about how you feel?

PROBE: We're interested in your emotional response.

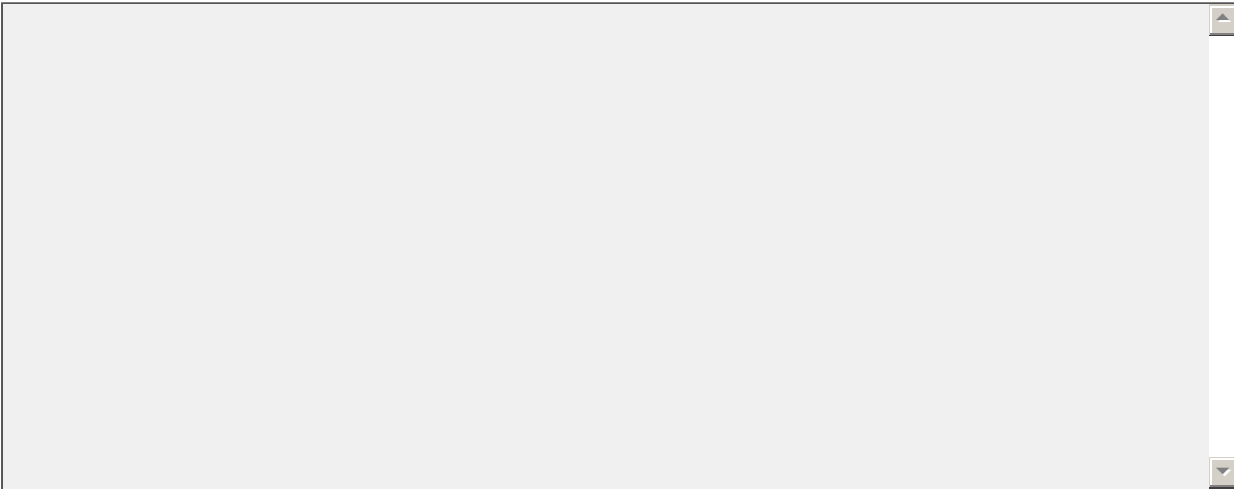
Livelihoods

16. Now, I'm going to ask some questions about how people make a living here.

How do you make a living?

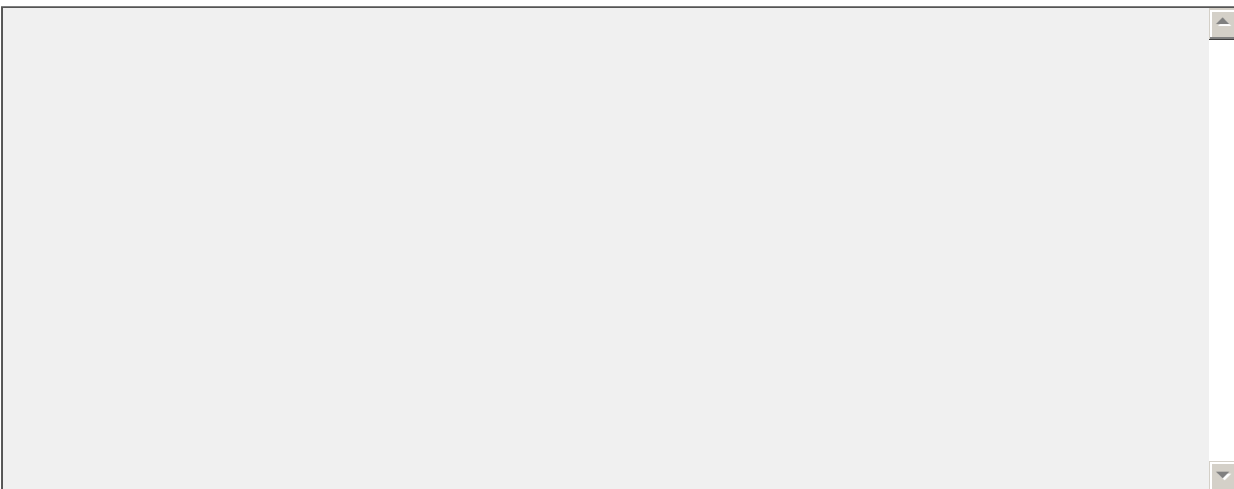
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17. How do people around here make a living off the land?

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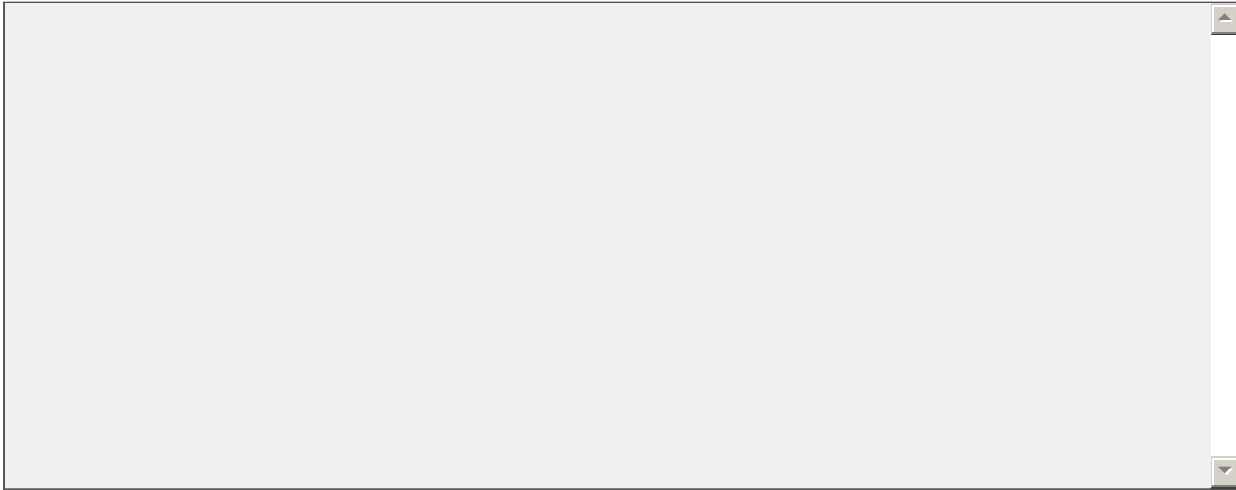
18. How has climate change already affected how people make a living around here?

(If asked, you can tell the respondent: "We're interested in whatever you think, whether it relates to people who make a living off the land or not.")

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19. How might climate change affect how people make a living around here in the future?

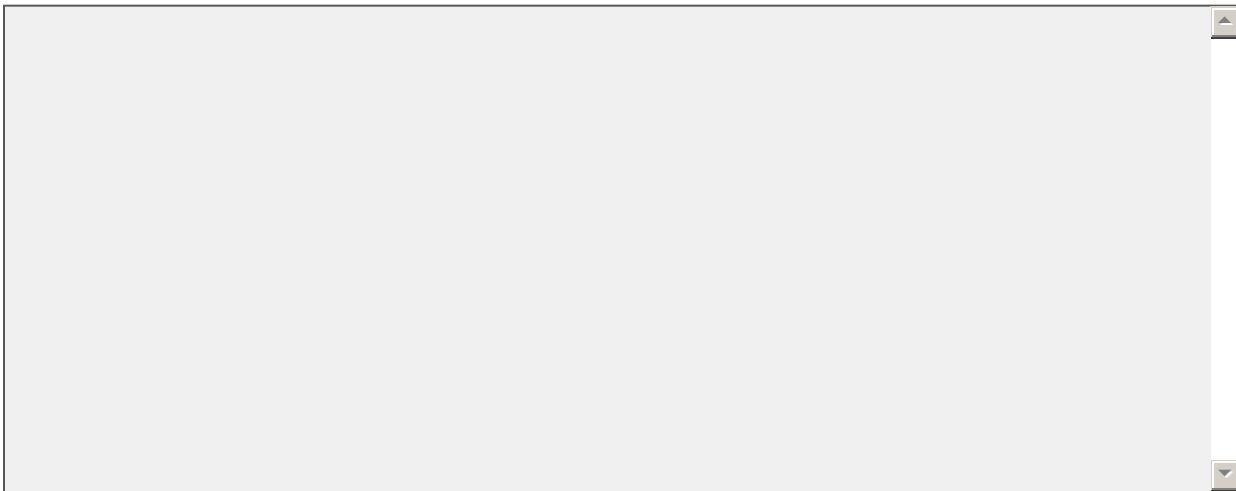
(If asked, you can tell the respondent: "We're interested in whatever you think, whether it relates to people who make a living off the land or not.")



20. Thinking about making a living, how do you FEEL when you think about the way these changes might affect you, your family, and community?

PROBE: Can you tell me more about how you feel?

PROBE: We're interested in your emotional response.

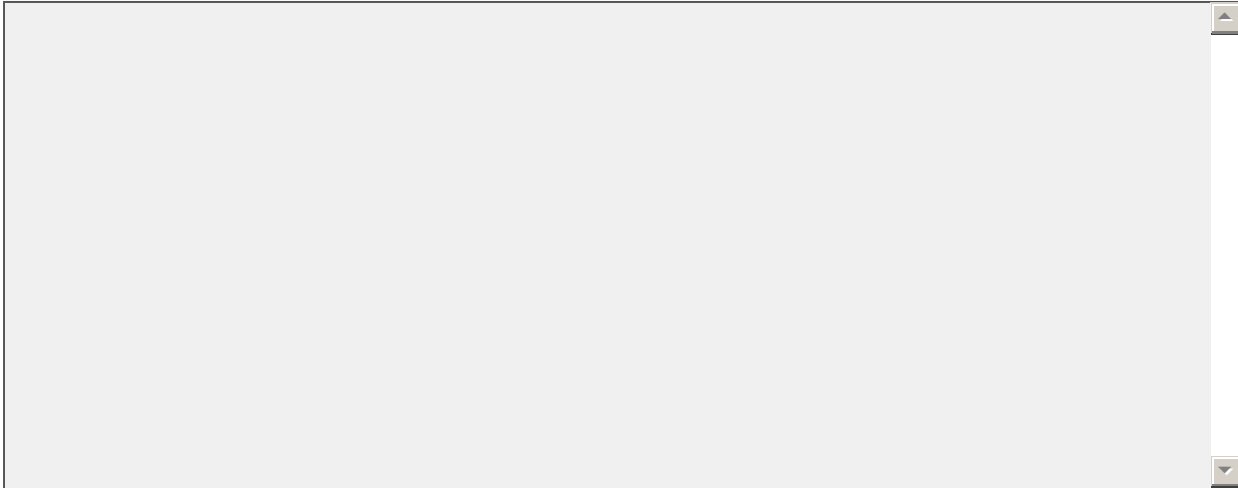


Younger Generation

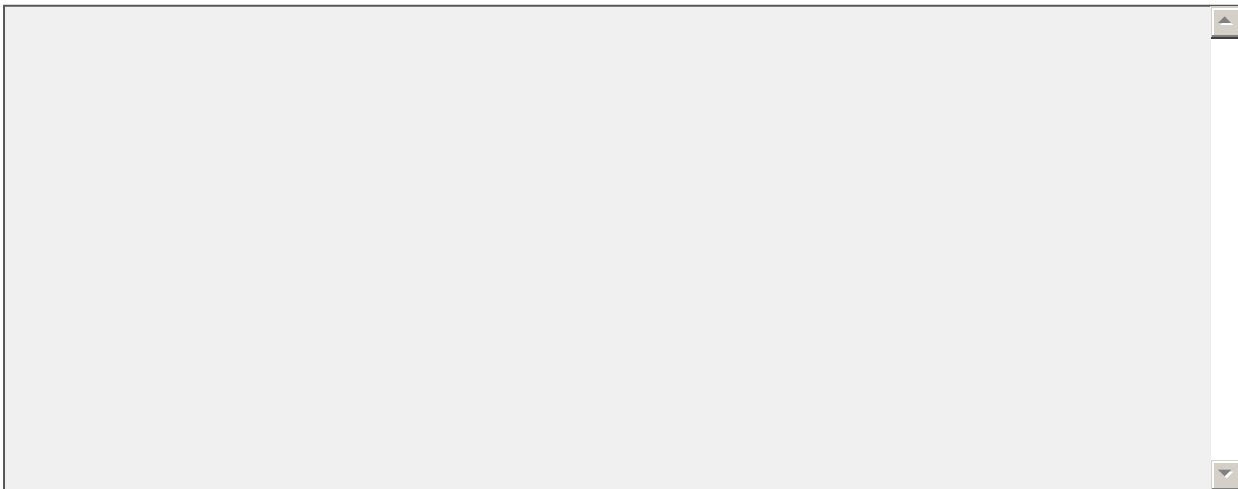
21. Now, I'm going to ask you some questions about the younger generation.

Thinking of the younger generation, what do you think life will be like for them in the future?

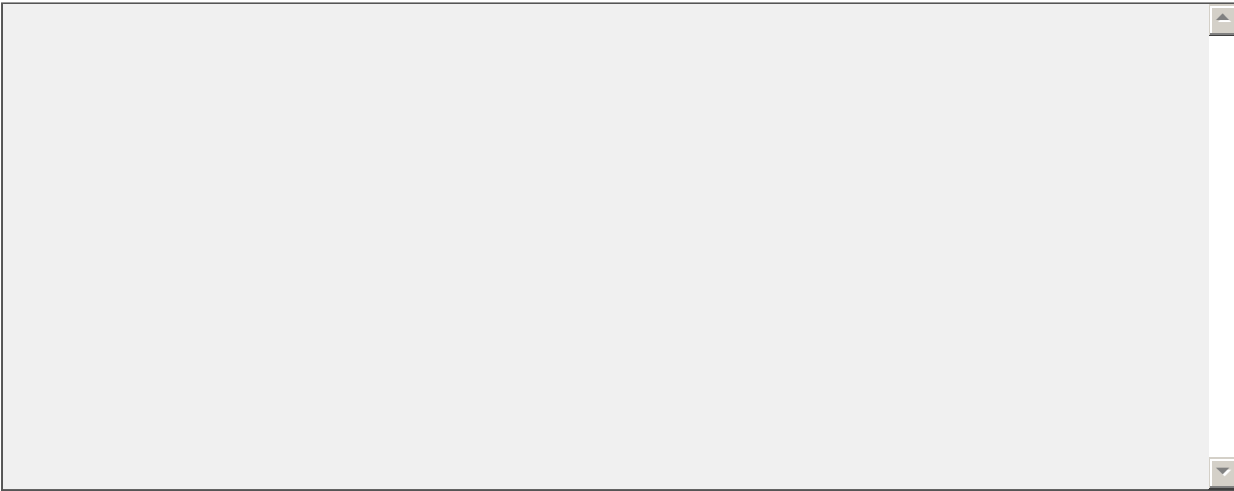
PROBE: Do you think life will be better or worse than life now? Why?



22. How has climate change already affected the younger generation?



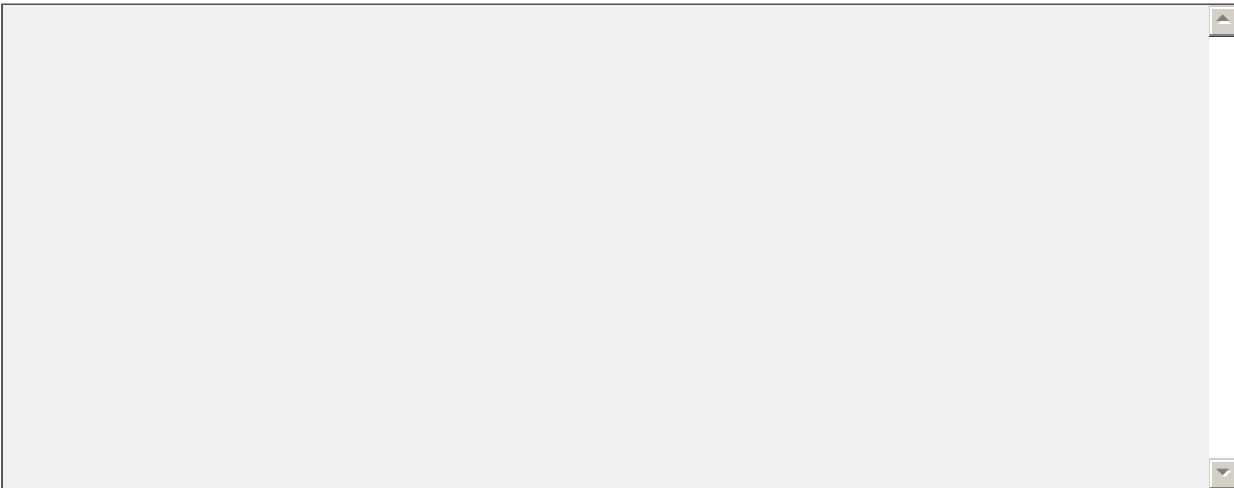
23. How might climate change affect the younger generation in the future?

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24. Thinking about the younger generation, how do you FEEL when you think about the way these changes might affect people you know in the younger generation?

PROBE: Can you tell me more about how you feel?

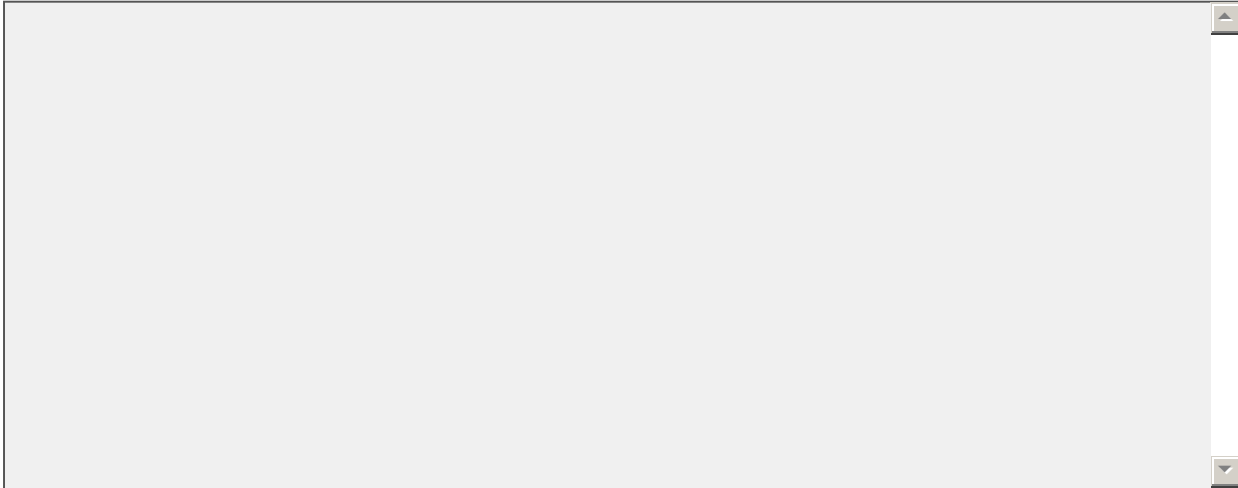
PROBE: We're interested in your emotional response.

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Men and Women

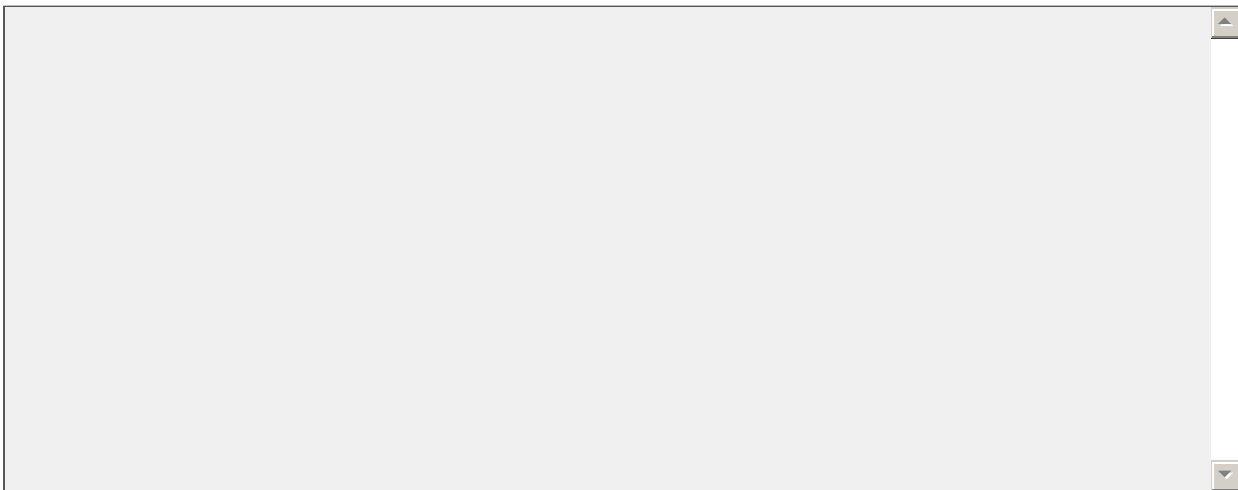
25. Do you think climate change in this place affects men or women more?

PROBE: Why?



26. Do you think that men or women are more distressed by climate change?

PROBE: Why?



You can now give the survey to the respondent to complete the remainder.

27. Please rate your sense of belonging to the place where you live using a scale of 1 to 10 where 1 means you have no sense of belonging and 10 means you have a very strong sense of belonging.

1 - No sense of belonging	2	3	4	5	6	7	8	9	10 - Very strong sense of belonging
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

28. Is the environment that you and your family live in better or worse than it was ten years ago?

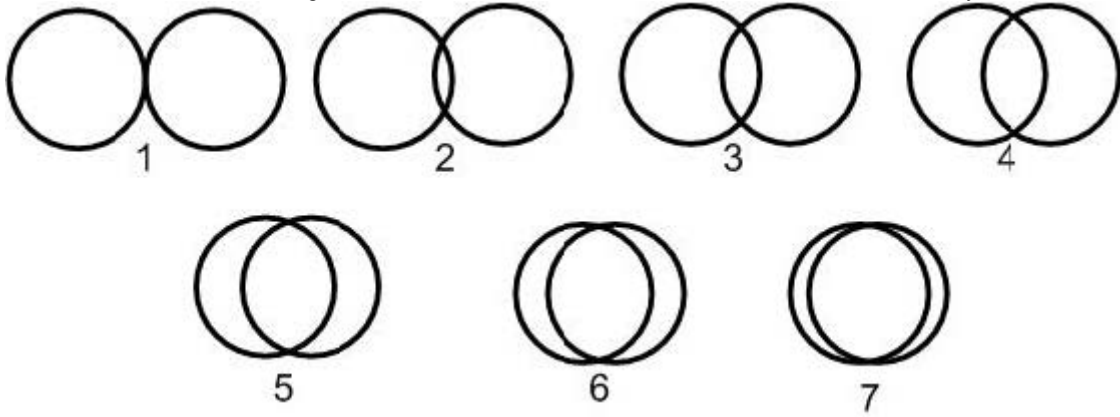
- It is better than 10 years ago
- The same as 10 years ago
- A little worse than 10 years ago
- Considerably worse than 10 years ago
- Extremely worse than 10 years ago

29. Thinking of the environment in which you and your family currently live, how would you rate its general environmental quality?

- Excellent
- Very Good
- Good
- Fair
- Poor

30. Overall, how much of an impact do you think that you or people similar to you can have in making yours a better place to live?

- No impact at all
- A small impact
- A moderate impact
- A big impact



31. Identify the number of the set of circles (above) that best describes the attachment (where 1 is no feeling of home or attachment and 7 is a deep and complete identity with the place), between yourself and your...

	1	2	3	4	5	6	7
Local community/village/neighborhood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The region you live in	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your country (_____)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

32. Climate change refers to the idea that the earth's average temperature has been increasing over the past 150 years, may increase more in the future, and that the earth's climate may change as a result. Do you agree or disagree that the effects of climate change are already occurring?

- Strongly agree
- Somewhat agree
- Somewhat disagree
- Strongly disagree

33. Thinking of the environment in which you or your family are living, what level of negative impact is climate change having on the following?

	No effect	A minor effect	A moderate effect	A significant effect	An extreme effect
Fresh water availability	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Drinking water quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Air Quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Biodiversity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Amount of Vegetation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scenic landscape/ pleasant vistas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fish or animal life	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Food crops or household gardens	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Weather, storms	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recreation (swimming, hiking, walking or other pleasurable activities)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your physical health	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your mental health	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your financial situation or employment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

34. Which of these statements best describes your household water in the last 12 months?

- We always have enough water and it is good in quality
- We have enough water but it is not always good in quality
- Sometimes we don't have enough water
- Often we don't have enough water

35. Which of these statements best describes the food eaten in your household in the last 12 months?

- We always have enough to eat and the kinds of food we want
- We have enough to eat but not always the kinds of food we want
- Sometimes we don't have enough to eat
- Often we don't have enough to eat

36. Do you strongly agree, agree, disagree, or strongly disagree with the following statements?

	Strongly Agree	Agree	Disagree	Strongly Disagree
Climate change will have a noticeably negative impact on my physical health in the next 25 years.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Climate change will have a noticeably negative impact on my mental health in the next 25 years.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Climate change will have a noticeably negative impact on my economic and financial situation in the next 25 years.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Climate change will have a noticeably negative impact on the environment in which my family and I live.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I believe my actions have an influence on climate change.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My actions to reduce the effects of climate change in my community will encourage others to reduce the effects of climate change through their own actions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Human beings are responsible for climate change.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

37. Do you strongly agree, agree, disagree, or strongly disagree with each of the following?

	Strongly Agree	Agree	Disagree	Strongly Disagree
Climate change is exerting a significant impact on public health in my state.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Climate change is exerting a significant impact on economic development in my state.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Climate change is exerting a significant impact on the environment in my state.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

38. To what degree have you been personally affected by any of the following disasters?

	I have been majorly and seriously affected by this type of disaster	I have been somewhat affected by this type of disaster	I have been a little affected by this type of disaster	I have not been affected by this type of disaster
Earthquake	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Volcano	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Flood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Monsoon	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Drought	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tsunami	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heat Wave	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cyclone/Hurricane	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tornado	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wildfire	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Blizzard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Avalanche	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mudslide/Landslide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ice melt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

39. If you answered you were "seriously affected" by any of the above, can you explain?

40. Please tell me how likely you think it is that each of the following will occur during the next 50 years due to climate change:

	Not at all likely	A little likely	Somewhat likely	Very likely
Worldwide, many people's standard of living will decrease	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Worldwide, water shortages are likely to occur	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Rates of serious disease are likely to increase worldwide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My standard of living is likely to decrease	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Water shortages will occur where I live	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My chance of getting a serious disease will increase	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

41. The following questions are about how you have been feeling during the past 30 days.

	All of the time	Most of the time	Some of the time	A little of the time	None of the time
About how often during the past 30 days did you feel nervous?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
During the past 30 days, about how often did you feel hopeless?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
During the past 30 days, about how often did you feel restless or fidgety?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How often did you feel so depressed that nothing could cheer you up?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
During the past 30 days, about how often did you feel that everything was an effort?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
During the past 30 days, about how often did you feel worthless?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

42. In general, compared to other people your age, would you say your health is...

- Poor
- Fair
- Good
- Excellent

Section E: About you

43. Were you born in this country?

- Yes
- No
- Refused/Don't know

44. In what year were you born?

Enter Year

45. How long have you lived in YOUR CURRENT town/village/suburb/city? Please enter the number of years, if less than a year; please enter the number of months.

Years

Months

46. What is your marital status?

- Single
- Married
- Divorced
- Widowed

Other (please specify)

47. What is the highest level of school you have had a chance to complete?

- Primary school
- Secondary school
- High school
- University or technical training (e.g. nurse)
- Graduate/professional school (master's degree, Ph.D., M.D., J.D., etc.)

48. Please list your current occupation or how you earn money. If you are an administrative assistant, student, lab technician, or similar position, please indicate what industry you work for. For example, if you are a student, specify your field of study. If you are an office assistant, specify what type of office (e.g. dentist, marketing company).

49. Ethnic Group

50. Political Party

51. Religious affiliation

52. How often do you attend religious services?

- More than once a week
- Once a week
- Monthly
- Several times a year
- Never

53. Are you:

- Male
- Female

54. How many people live in your current household (including yourself)?

(“Living in your household” means anyone who slept and ate meals there for at least two weeks of the previous month)

Enter Number

55. Does your household have any of the following items?

- TV
- Cell Phone
- Car
- Computer
- Air Conditioner

56. In deciding how much of their (family) income to save or spend, people are likely to think about different financial planning periods. In planning your (family's) saving and spending, which of the following time periods is most important to you?

- Day to day
- The next few weeks
- The next few months
- The next year
- The next few years
- The next 5 to 10 years
- More than 10 years
- I/we don't plan

Please divide this line into your past, present, and future and label it



57. Length of sections (in centimeters)

Past	<input type="text"/>
Present	<input type="text"/>
Future	<input type="text"/>

Please think of this ladder (below) as representing where people stand in your country.

At the top of the ladder are the people in your country who are best off - they have the most respect, the most money, or the best jobs. At the bottom are the people who are worst off - they have the least respect, the least money, or the worst jobs.

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.

Where would you place yourself on this ladder?



58. Ladder placement

Interviewer Feedback

59. Did you have any trouble establishing rapport (i.e., good communication) with this respondent?

- Yes
- No

60. If yes, please explain.

61. Were there questions that you thought the respondent was confused about or answered without fully understanding?

- Yes
- No

62. If yes, please explain.

63. Did you ever think the respondent was lying?

- Yes
- No

64. If yes, please explain.

65. Do you have any other concerns about the quality of the data in this interview?

- Yes
- No

66. If yes, please explain.

67. Additional notes?

Data Entry Feedback

68. Do you have any concerns about the quality of the data in this interview?

- Yes
- No

69. If yes, please explain.