

Flood Risk Perception - Mechanical Turk

Start of Block: Default Question Block

1. The following set of questions ask about flooding in your neighborhood and household.

Rate your agreement with each of the following statements.

Within the next six months, I intend to seek out more information about flooding.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

Within the next six months, I intend to ask authorities about relocation routes and shelters.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

I intend to vote for a local political candidate who supports environmental action.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

I already have or intend to engage in flood mitigation action by planting a rain garden or adding mulch to my yard.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

I already have or intend to place valuable items above areas that are likely to be flooded in my household/apartment.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

I already have or intend to volunteer with a local environmental organization.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

I already have or intend to make sure to slope my yard away from my home's foundation.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

I already have or intend to install a sump pump to prevent flooding in my house or apartment.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

I am afraid of floods.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

I have directly experienced flooding in my neighborhood.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

Family, friends, or people in my neighborhood have told me about their experience(s) with flooding.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

Family, friends, or people in my neighborhood have an emergency flood plan.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

Family, friends, or people in my neighborhood support flood policies, such as a community flood mitigation plan.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

Family, friends, or people in my neighborhood have taken action to mitigate flooding by planting rain gardens, adding mulch to their yards, or sloping their yard away from their homes.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

I feel protected by local flood risk management plans against future floods.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

If there were incentives from insurers, I would be more willing to engage in flood mitigation actions.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

To prepare for a flood, I can ask authorities about relocation routes and shelters.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

To mitigate flooding, I can vote for a local political candidate who supports environmental action.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

I can engage in flood mitigation behavior such as planting a rain garden, adding mulch to my yard, or sloping my yard away from my home.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

I feel protected by my insurance against future floods.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

If there was an incentive program, such as a tax rebate for planting a rain garden, I would be more willing to engage in flood mitigation.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

How do you feel about flooding? Even though we ask about your feelings, please check "Agree" so we know you are paying attention.

- ☐ Strongly Disagree (1)
 - ☐ Disagree (2)
 - ☐ Agree (3)
 - ☐ Strongly Agree (4)
-

Page Break

2. Please answer the following questions to the best of your ability.

What is the probability of your neighborhood being flooded in the next year?

- ☐ Very Low Probability (1)
 - ☐ Low Probability (2)
 - ☐ High Probability (3)
 - ☐ Very High Probability (4)
-

If it flood, how severe do you expect the flood damage to be in your neighborhood?

- ☐ Not At All Severe (1)
 - ☐ Not Very Severe (2)
 - ☐ Severe (3)
 - ☐ Very Severe (4)
-

How risky is flooding?

- ☐ Risk-Free (1)
 - ☐ Not Very Risky (5)
 - ☐ Risky (2)
 - ☐ Risky (3)
-

Page Break

3. Rate the effectiveness of each of the following statements.

How effective would asking authorities about relocation routes and shelters be in preparing for a flood?

- ☐ Not At All Effective (1)
 - ☐ Not Effective (2)
 - ☐ Effective (3)
 - ☐ Very Effective (4)
-

How effective would voting for a local political candidate who supports environmental action be in mitigating flooding?

- ☐ Not At All Effective (1)
 - ☐ Not Effective (2)
 - ☐ Effective (3)
 - ☐ Very Effective (4)
-

How effective would engaging in actions such as planting a rain garden, adding mulch to your yard, or sloping your yard away from your home be in mitigating flood?

- ☐ Not At All Effective (1)
- ☐ Not Effective (2)
- ☐ Effective (3)
- ☐ Very Effective (4)

Page Break

4. Rate the importance of each of the following statements.

How important is it to plant a rain garden, add mulch to your yard, or slope yard away from your home to:

Prevent flooding in my backyard?

- ☐ Least Important (1)
 - ☐ Less Important (2)
 - ☐ Important (3)
 - ☐ Most Important (4)
-

How important is it to plant a rain garden, add mulch to your yard, or slope yard away from your home to:

Prevent flooding in my neighborhood?

- ☐ Least Important (1)
 - ☐ Less Important (2)
 - ☐ Important (3)
 - ☐ Most Important (4)
-

How important is it to plant a rain garden, add mulch to your yard, or slope yard away from your home to:

Absorb rainwater and improve the local ecosystem?

- ☐ Least Important (1)
- ☐ Less Important (2)
- ☐ Important (3)
- ☐ Most Important (4)

Page Break

5. Rate the importance of each of the following statements.

How important is it to vote for a political candidate who supports environmental action to:

Protect myself against environmental hazards, such as flooding?

- ☐ Least Important (1)
 - ☐ Less Important (2)
 - ☐ Important (3)
 - ☐ Most Important (4)
-

How important is it to vote for a political candidate who supports environmental action to:

Protect my community against natural hazards, such as flooding?

- ☐ Least Important (1)
 - ☐ Less Important (2)
 - ☐ Important (3)
 - ☐ Most Important (4)
-

How important is it to vote for a political candidate who supports environmental action to:

Protect the environment?

- ☐ Least Important (1)
- ☐ Less Important (2)
- ☐ Important (3)
- ☐ Most Important (4)

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6. What is the meaning a "100 year" flood?

- ☐ There is a 50% chance in any given year of having a flood of that magnitude. (1)
 - ☐ There is a 1% chance in any given year of having a flood of that magnitude. (2)
 - ☐ There is a 50% chance in any given 100 years of having a flood of that magnitude. (3)
 - ☐ There is a 1% chance in any given 100 years of having a flood of that magnitude. (4)
-

7. When does the National Weather Service issue a flood warning?

- ☐ When a flood is likely to occur. (1)
 - ☐ When a flood is certain to occur. (2)
 - ☐ When a flood causes a hazard. (3)
 - ☐ When a flood causes saturation. (4)
-

8. Which of the following are safe to do after a flood has occurred?

- ☐ Driving on a flooded road. (1)
 - ☐ Swimming in a fast-moving stream. (2)
 - ☐ Driving electrical equipment. (3)
 - ☐ Moving propane tanks. (4)
-

9. What is your highest education level

- ☐ Less than a high school diploma (1)
 - ☐ High school degree or equivalent (e.g. GED) (2)
 - ☐ Some college, no degree (3)
 - ☐ Associate degree (e.g. AA, AS) (4)
 - ☐ Bachelor's degree (e.g. BA, BS) (5)
 - ☐ Master's degree (e.g. MA, MS, MEd) (6)
 - ☐ Professional degree (e.g. MD, DDS, DVM) (7)
 - ☐ Doctorate (e.g. PhD, EdD) (8)
-

10. What is your current employment status? Select all that apply.

- ☐ Employment full time (40 or more hours per week) (1)
 - ☐ Employed part time (up to 39 hours per week) (2)
 - ☐ Unemployed and currently looking for work (3)
 - ☐ Student (4)
 - ☐ Retired (5)
 - ☐ Homeworker (6)
 - ☐ Self-employed (7)
 - ☐ Unable to work (8)
-

11. What is your household annual income?

- ☐ Less than \$20,000 (1)
 - ☐ \$20,000 to \$34,999 (2)
 - ☐ \$35,000 to \$49,999 (3)
 - ☐ \$50,000 to \$74,999 (4)
 - ☐ \$75,000 to \$99,999 (5)
 - ☐ Over \$100,000 (6)
-

12. What is your current marital status?

- ☐ Single (never married) (1)
 - ☐ Married, or in a domestic partnership (2)
 - ☐ Widowed (3)
 - ☐ Divorced (4)
 - ☐ Separated (5)
 - ☐ Other (6)
-

13. What is your AGE?

14. Which of these terms best describes your GENDER IDENTITY?

- ☐ Choose not to respond. (1)
- ☐ Man (2)
- ☐ Woman (3)
- ☐ Other. Please specify. (4) _____
-

15. Do you own a home?

- ☐ Yes (1)
- ☐ No (2)
- ☐ Other. Please specify. (3) _____
-

16. If you own a home, has your home been inspected for flood-related damages (e.g. mold, severe wood rot, warping of floor boards, etc.)

- ☐ Yes (1)
- ☐ No (2)
- ☐ Other. Please specify. (3) _____
-

17. Are you renting an apartment or home?

- ☐ Yes (1)
- ☐ No (2)
- ☐ Other. Please specify. (3) _____
-

18. Do you have a basement in your apartment or house?

☐ Yes (1)

☐ No (2)

☐ Other. Please specify. (3) _____

19. How many adults live in your household?

☐ 1 people (1)

☐ 2-3 people (2)

☐ 4-5 people (3)

☐ 6+ people (4)

20. How many children live in your household?

☐ 1 people (1)

☐ 2-3 people (2)

☐ 4-5 people (3)

☐ 6+ people (4)

21. Do you or other people in your household suffer from health issues such as respiratory effects, headaches, allergies, or infections?

☐ Yes (1) _____

☐ No (2)

☐ Other. Please specify (3) _____

22. Have you had to evacuate your home because of flooding?

☐ Yes (1)

☐ No (2)

☐ Other. Please specify (3) _____

23. What is your ethnicity? Choose all that apply.

☐ Choose not to respond. (1)

☐ American Indian/Native American (2)

☐ Asian/Asian American (3)

☐ Black/African/African American (4)

☐ Latino(a)/Hispanic (5)

☐ Native Hawaiian/Pacific Islander (6)

☐ White/Caucasian (7)

☐ Other. Please specify. (8) _____

24. For our purposes, we define a disability as any emotional, cognitive, psychiatric, physical, sensory or other impairment which has an adverse effect on a person's ability to carry out educational or career activities.

Do you self-identify as having any DISABILITY or DISABILITIES? CHOOSE ALL THAT APPLY.

- ☐ Choose not to respond. (1)
- ☐ No, I do not identify as having a disability. (2)
- ☐ Yes, I do identify as having a disability. (3)
- ☐ Other. Please specify. (4) _____
-

25. For the purpose of this study, we would like to map the responses of specific neighborhoods. Please provide your closest cross streets and zip code below. This should be in the format:

WALNUT, GROVE, 48823

This information will be used for mapping responses ONLY and will be immediately destroyed once coded into our database.

26. Is there anything else you would like to tell us about your experiences with flooding?

27. This question will create a unique survey code for you.

Please enter the name of the street your grew up on in the box below. This is your code. Paste this code into the "provide the survey code here" box in Mturk.

End of Block: Default Question Block
