IRB NUMBER: 11841 IRB APPROVAL DATE: 12/22/2020

You are invited to participate in research regarding socially sustainable solutions for water, carbon and infrastructure resilience in Oklahoma. This study will ask you about your perceptions and experiences with weather/climate in Oklahoma, and to characterize and evaluate problem areas and potential solutions to weather/climate challenges. This is an important long-term study and we are looking for research partners throughout the state who are willing to share their experiences and views. We are contacting you because you indicated an interest in participating. You must be at least 18 years of age and be willing to provide your contact information to participate.

If you agree to participate, you will respond to an Internet survey that should take about 30 minutes to complete.

There are no risks or benefits.

If you participate, you will receive a $10 gift card, mailed to you after you complete the survey.

Your participation is voluntary, and your responses will be de-identified before they are shared for research purposes or published. After removing all identifiers, we might share your data with other researchers or use it in future research without obtaining additional consent from you.

Even if you choose to participate now you may stop participating at any time and for any reason.

Data are collected via an online survey system that has its own privacy and security policies for keeping your information confidential.

If you have questions about this research, please contact:
Dr. Hank Jenkins-Smith
Center for Risk and Crisis Management
University of Oklahoma
(405) 325-1720 or crcm@ou.edu

You can also contact the University of Oklahoma – Norman Campus Institutional Review Board at 405-325-8110 or irb@ou.edu with questions, concerns or complaints about your rights as a research participant, or if you don't want to talk to the researcher.

Please print this document for your records. By providing information to the researcher(s), I am agreeing to participate in this research.

18_consent: Are you 18 years of age or older?
0 - No (If no – cannot participate)
1 - Yes

contact_consent: Are you willing to provide us with your home address so that we can mail you a gift card if you complete this survey?
0 - No (If no – cannot participate)
1 - Yes

consent: Do you agree to participate in this study? [two buttons]
0 - No, I do not want to participate in this study
1 - Yes, I agree to participate in this study [IF **consent** = 0, skip to new page that says: "You have indicated that you do not want to participate in this study. If you have reached this page by accident and do wish to participate in this study, please contact our technical support staff at: (405) 325- 1720 or crcm@ou.edu."]

Thank you for participating in this study. The survey you are about to complete is different than most. We are not simply asking for opinions and preferences. We are asking for advice and guidance on how to tackle some of the biggest problems facing Oklahoma. While we will keep your identity strictly confidential, we are going to share the answers you provide with a team of scientists and policymakers across the state who are studying these problems and trying to develop creative solutions. Your responses will provide extremely valuable input into this process.

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First, we would like to get some background information about you.

age: How old are you? [verbatim; numeric]

gender: Are you male, female, or other?
0 - Female
1 - Male
2 - Other (please specify)
gend_specify: [verbatim]

hispanic: Do you consider yourself to be Hispanic, Latino, or Spanish or to have Hispanic, Latino, or Spanish origins?
0 - No
1 - Yes

race: Which of the following best describes your race?
1 - White
2 - Black or African American
3 - American Indian or Alaska Native
4 - Asian
5 - Native Hawaiian or Pacific Islander
6 - Two or more races
7 - Some other race (please specify)
race_spec: [verbatim]

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current_zip: What is the zip code at your current residence? [verbatim; numeric]

current_lngth: How many years have you lived at your current residence? [verbatim; numeric] years

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ok_lngth: How many years have you lived in Oklahoma? [verbatim; numeric] years

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home_lot: Which of the following best describes the property where you live?
1 - Urban
2 - Suburban
3 - Rural

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Now we have some questions about three resources in Oklahoma that affect prosperity and quality of life in many parts of the state --- *water*, *land*, and *infrastructure*. The scientists and policymakers who are part of this project are working in teams to evaluate different aspects of each resource. We want to know if you have any concerns about these resources.

We are currently thinking about three aspects when evaluating *water resources* in Oklahoma:

- Water availability: the supplies of water for various purposes, such as drinking, farming/ranching, or industrial or business processes
- Water quality: the suitability (cleanliness) of water for various proposes, such as drinking or irrigation
- Water cost: the cost of water for various proposes, such as such as drinking, farming/ranching, or industrial or business processes

concern_water_availability: Do you have any concerns about *water availability* in your region of Oklahoma?
1 - Definitely no
2 - Probably no
3 - Unsure
4 - Probably yes
5 - Definitely yes

concern_water_quality: Do you have any concerns about *water quality* in your region of Oklahoma?
1 - Definitely no
2 - Probably no
3 - Unsure
4 - Probably yes
5 - Definitely yes

concern_water_cost: Do you have any concerns about the *cost of water* in your region of Oklahoma?
1 - Definitely no
2 - Probably no
3 - Unsure
4 - Probably yes
5 - Definitely yes

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[If **water_availability** or **water_quality** or **water_cost** = 4 or 5]

problem_water: Can you briefly describe the problem(s) that concern you? [verbatim]
problem_cause_water: Can you briefly describe who/what is causing the problem(s)? [verbatim]
problem_solve_water: Do you have any ideas about what might fix the problem(s)? [verbatim]

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We are currently thinking about two aspects when evaluating *land resources* in Oklahoma:

- Wildlife habitat: ecosystems that support animals and birds that people enjoy watching and hunting, such as butterflies, deer, quail, and turkey
- Soil quality: the suitability of soil for sustaining plants, animals, and livelihoods, such as productive farming and ranching

concern_land_wildlife: Do you have any concerns about *wildlife habitat* in your region of Oklahoma?
1 - Definitely no
2 - Probably no
3 - Unsure
4 - Probably yes
5 - Definitely yes

concern_land_soil: Do you have any concerns about *soil quality* in your region of Oklahoma?
1 - Definitely no
2 - Probably no
3 - Unsure
4 - Probably yes

5 - Definitely yes

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[If **concern_land_wildlife** or **concern_land_soil** = 4 or 5]

problem_land: Can you briefly describe the problem(s) that concern you? [verbatim]
problem_cause_land: Can you briefly describe who/what is causing the problem(s)? [verbatim]
problem_solve_land: Do you have any ideas about what might fix the problem(s)? [verbatim]

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We are currently thinking about two aspects when evaluating *infrastructure* in Oklahoma:

- Electricity infrastructure: the generation facilities, substations, and transmission and distribution lines that deliver electricity to businesses and homes
- Transportation infrastructure: the roads, bridges, waterways, railways, and airways that facilitate transportation from place to place

concern_infra_electricity: Do you have any concerns about *electricity infrastructure* in your region of Oklahoma?
1 - Definitely no
2 - Probably no
3 - Unsure
4 - Probably yes
5 - Definitely yes

concern_infra_transportation: Do you have any concerns about *transportation infrastructure* in your region of Oklahoma?
1 - Definitely no
2 - Probably no
3 - Unsure
4 - Probably yes
5 - Definitely yes

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[If **concern_infra_electricity** or **concern_infra_transportation** = 4 or 5]

problem_infra: Can you briefly describe the problem(s) that concern you? [verbatim]
problem_cause_infra: Can you briefly describe who/what is causing the problem(s)? [verbatim]
problem_solve_infra: Do you have any ideas about what might fix the problem(s)? [verbatim]

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If you were advising the scientists and policymakers who are working on this project, which of the following would you tell them require the most attention? Please rank the items from one (most attention) to six (least attention). [table; randomize; rank]

rank_water_availability: Water availability
rank_water_quality: Water quality
rank_water_cost: Water cost
rank_land_wildlife: Wildlife habitat
rank_land_soil: Soil quality
rank_infra_electricity: Electricity infrastructure
rank_infra_transportation: Transportation infrastructure

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Researchers and policymakers are also studying the impact of weather and climate hazards on *water*, *land*, and *infrastructure* resources in Oklahoma. The team is focusing on forecasts/predictions at three different time scales:

- Short-range weather forecasts that focus on the next day to two weeks
- Medium-range (seasonal) weather forecasts that focus on the next two weeks to 90 days
- Long-range climate predictions that focus on the next season to decade or more

Weather hazards that occur during the short-range weather time frame include tornadoes, hail, high winds, lightning, flooding/flash flooding and snow/ice storms.

How do you rate the risk of these weather hazards to people in Oklahoma? [table; randomize]

risk_tornado: Tornadoes
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

risk_hail: Hail
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

risk_wind: High winds
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

risk_lightning: Lightning
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

risk_flood: Flooding/flash flooding
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

risk_snow_ice: Snow/ice storms
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

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Did you experience any of these weather hazards in the last 6 months? [table; randomize]

experience_tornado: Tornadoes
0 - No
1 - Yes

experience_hail: Hail
0 - No
1 - Yes

experience_wind: High winds
0 - No
1 - Yes

experience_lightning: Lightning
0 - No
1 - Yes

experience_flood: Flooding/flash flooding
0 - No
1 - Yes

experience_snow_ice: Snow/ice storms
0 - No
1 - Yes

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When you think about the next 25 years in Oklahoma, do you think the risk (frequency and severity) of these weather hazards will increase, decrease, or stay about the same? [table; randomize]

future_tornado: Tornadoes
1 - Significantly decrease
2 - Decrease
3 - Stay about the same
4 - Increase
5 - Significantly increase

future_hail: Hail
1 - Significantly decrease
2 - Decrease
3 - Stay about the same
4 - Increase
5 - Significantly increase

future_wind: High winds
1 - Significantly decrease
2 - Decrease
3 - Stay about the same
4 - Increase
5 - Significantly increase

future_lightning: Lightning
1 - Significantly decrease
2 - Decrease
3 - Stay about the same

4 - Increase
5 - Significantly increase

future_flood: Flooding/flash flooding
1 - Significantly decrease
2 - Decrease
3 - Stay about the same
4 - Increase
5 - Significantly increase

future_snow_ice: Snow/ice storms
1 - Significantly decrease
2 - Decrease
3 - Stay about the same
4 - Increase
5 - Significantly increase

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Hazards that occur during the medium-range (seasonal) weather time frame include:

- Flash drought: periods of intense drought that arise quickly and last for a few weeks
- Pluvials: periods of excessive precipitation that last for a few weeks
- Heat waves: periods of excessively hot temperatures that last for a few weeks
- Cold spells: periods of excessively cold temperatures that last for a few weeks

How do you rate the risk of these seasonal hazards to people in Oklahoma? [table; randomize]

risk_flash_drought: Flash drought
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

risk_pluvial: Pluvials (periods of excessive precipitation)
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

risk_heat_wave: Heat waves
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

risk_cold_spell: Cold spells
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

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Did you experience any of these seasonal hazards in the last 6 months? [table; randomize]

experience_flash_drought: Flash drought
0 - No
1 - Yes

experience_pluvial: Pluvials (periods of excessive precipitation)
0 - No
1 - Yes

experience_heat_wave: Heat waves
0 - No
1 - Yes

experience_cold_spell: Cold spells
0 - No
1 - Yes

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When you think about the next 25 years in Oklahoma, do you think the risk (frequency and severity) of these seasonal hazards will increase, decrease, or stay about the same? [table; randomize]

future_flash_drought: Flash drought
1 - Significantly decrease
2 - Decrease
3 - Stay about the same
4 - Increase
5 - Significantly increase

future_pluvial: Pluvials (periods of excessive precipitation)
1 - Significantly decrease
2 - Decrease
3 - Stay about the same
4 - Increase
5 - Significantly increase

future_heat_wave: Heat waves
1 - Significantly decrease
2 - Decrease
3 - Stay about the same
4 - Increase
5 - Significantly increase

future_cold_spell: Cold spells
1 - Significantly decrease
2 - Decrease
3 - Stay about the same
4 - Increase
5 - Significantly increase

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There are multiple hazards that occur during the long-range climate time frame, but one of the most common in Oklahoma is long-term drought, which can last for several months.

risk_long_drought: How do you rate the risk of long-term drought to people in Oklahoma?
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

experience_long_drought: Did you experience long-term drought in the last 6 months?
0 - No
1 - Yes

future_long_drought: When you think about the next 25 years in Oklahoma, do you think the risk (frequency and severity) of long-term drought will increase, decrease, or stay about the same?
1 - Significantly decrease
2 - Decrease
3 - Stay about the same
4 - Increase
5 - Significantly increase

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In addition to weather and climate hazards, Oklahoma also experiences other natural hazards, including wildfires and earthquakes.

How do you rate the risk of these hazards to people in Oklahoma? [table; randomize]

risk_wildfire: Wildfires
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

risk_earthquake: Earthquakes
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

Did you experience any of these hazards in the last 6 months? [table; randomize]

experience_wildfire: Wildfires
0 - No
1 - Yes

experience_earthquake: Earthquakes
0 - No
1 - Yes

When you think about the next 25 years in Oklahoma, do you think the risk (frequency and severity) of these hazards will increase, decrease, or stay about the same? [table; randomize]

future_wildfire: Wildfires
1 - Significantly decrease

2 - Decrease
3 - Stay about the same
4 - Increase
5 - Significantly increase

future_earthquake: Earthquakes
1 - Significantly decrease
2 - Decrease
3 - Stay about the same
4 - Increase
5 - Significantly increase

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As you may know, the issue of global climate change has been the subject of public discussion over the last few years.

glbcc: In your view, are greenhouse gases, such as those resulting from the combustion of coal, oil, natural gas, and other materials, causing average global temperatures to rise?
0 - No
1 - Yes

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glbcc_cert: On a scale from zero to ten, where zero means *not at all certain* and ten means *completely certain*, how certain are you that greenhouse gases are/are not ["are" if **glbcc** = 1; "are not" if **glbcc** = 0] causing average global temperatures to rise?
0 - Not at all certain
1
2
3
4
5
6
7
8
9
10 - Completely certain

glbcc_risk: On a scale from zero to ten, where zero means *no risk* and ten means *extreme risk*, how much risk do you think global warming poses for people and the environment?
0 - No risk
1
2
3
4
5
6
7
8
9
10 - Extreme risk

glbwrm_ok: In your view, is global warming causing the weather patterns in Oklahoma to change?
0 - No
1 - Yes

2 - Don’t know

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Solving problems as a group or community can be contentious and technically complex, so getting information you can trust is important. How much do you trust information from the following groups and organizations? [table; randomize]

trust_university: University scientists
1 - No trust
2 - Low trust
3 - Moderate trust
4 - High trust
5 - Complete trust

trust_nonprofit: Nonprofit research organizations
1 - No trust
2 - Low trust
3 - Moderate trust
4 - High trust
5 - Complete trust

trust_policy: State and local policymakers and elected officials
1 - No trust
2 - Low trust
3 - Moderate trust
4 - High trust
5 - Complete trust

trust_agencies: State and local agencies that regulate water, land, and infrastructure resources
1 - No trust
2 - Low trust
3 - Moderate trust
4 - High trust
5 - Complete trust

trust_private: Private companies whose operations use water, land, and infrastructure resources
1 - No trust
2 - Low trust
3 - Moderate trust
4 - High trust
5 - Complete trust

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If you were in charge of solving contentious and technically complex problems in Oklahoma, how much of a role would you give to the following? Please assign a percentage to each of the following, totaling 100%. [must add to 100; show calculator]

role_policy: Policymakers and elected officials [verbatim; numeric]
role_science: Scientists and technical experts [verbatim; numeric]
role_public: Members of the general public [verbatim; numeric]
role_business: Businesses and entrepreneurs [verbatim; numeric]

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attend_meeting: If given the opportunity, would you *attend a meeting* with policy leaders, business leaders, and scientists to discuss problems facing Oklahoma and how we might solve them?
1 - Definitely no
2 - Probably no
3 - Unsure
4 - Probably yes
5 - Definitely yes

advisory_committee: If given the opportunity, would you *serve on a citizen advisory committee* that routinely meets with policy leaders, business leaders, and scientists to discuss problems facing Oklahoma and how we might solve them?
1 - Definitely no
2 - Probably no
3 - Unsure
4 - Probably yes
5 - Definitely yes

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Do you agree or disagree with the following statements? [table; randomize]

human_progress: People worry too much about human progress harming the environment.
1 - Strongly disagree
2 - Disagree
3 - Unsure
4 - Agree
5 - Strongly agree

worry_future: People worry too much about the future of the environment and not enough about prices and jobs today.
1 - Strongly disagree
2 - Disagree
3 - Unsure
4 - Agree
5 - Strongly agree

modern_science: Modern science will solve our environmental problems with little change to our way of life.
1 - Strongly disagree
2 - Disagree
3 - Unsure
4 - Agree
5 - Strongly agree

econ_growth: In order to protect the environment, Oklahoma needs economic growth.
1 - Strongly disagree
2 - Disagree
3 - Unsure
4 - Agree
5 - Strongly agree

harm_environ: Economic growth always harms the environment.
1 - Strongly disagree
2 - Disagree
3 - Unsure
4 - Agree
5 - Strongly agree

modern_life: Almost everything we do in modern life harms the environment.
1 - Strongly disagree
2 - Disagree
3 - Unsure
4 - Agree
5 - Strongly agree

science_harm: Overall modern science does more harm than good.
1 - Strongly disagree
2 - Disagree
3 - Unsure
4 - Agree
5 - Strongly agree

feelings_faith: People believe too often in science and not enough in feelings and faith.
1 - Strongly disagree
2 - Disagree
3 - Unsure
4 - Agree
5 - Strongly agree

people_solve: Regardless of the issue, people can come together and solve whatever the problem is.
1 - Strongly disagree
2 - Disagree
3 - Unsure
4 - Agree
5 - Strongly agree

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party: Generally speaking, do you usually think of yourself as a Republican, a Democrat, an Independent, or what?
1 - Democratic party
2 - Republican party (or GOP)
3 - Independent
4 - Other party (Please specify)
party_spec: [verbatim]

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[If **party** = 1 or 2]

iden: Would you call yourself a strong [Democrat if **party** = 1; Republican if **party** = 2] or a not very strong [Democrat if **party** = 1; Republican if **party** = 2]?
2 - Strong
1 - Not very strong

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[If **party** = 3 or 4]

lean: Do you think of yourself as closer to the Republican or Democratic Party?
1 - Democratic Party
2 - Republican Party
3 - Neither

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ideol: On a scale of political ideology, individuals can be arranged from strongly liberal to strongly conservative. Which of the following categories best describes your views?
1 - Strongly liberal
2 - Liberal
3 - Slightly liberal
4 - Middle of the road
5 - Slightly conservative
6 - Conservative
7 - Strongly conservative

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vote_nat: Do you usually vote in *national elections*, such as presidential and congressional elections?
0 - No
1 - Yes

vote_ loc: Do you usually vote in *local elections*, such as mayor, city council, and school board elections?
0 - No
1 - Yes

talk_politics_friends: How often do you talk about politics and policy with people you know, like friends and family?
1 - Never
2 - Rarely
3 - Occasionally
4 - Regularly
5 - Frequently

talk_politics_strangers: How often do you talk about politics and policy with people you don't know, such as on Facebook or Twitter?
1 - Never
2 - Rarely
3 - Occasionally
4 - Regularly
5 - Frequently

participate_politics_inperson: How often do you participate in in-person political activities like protests and campaign activities or events?
1 - Never
2 - Rarely
3 - Occasionally
4 - Regularly
5 - Frequently

participate_politics_online: How often do you participate in online political activities like signing petitions and writing messages in groups that discuss politics?
1 - Never
2 - Rarely
3 - Occasionally
4 - Regularly
5 - Frequently

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Please rate the degree to which each of the following statements describe your outlook on life.

hierarchy: I am more comfortable when I know who is, and who is not, a part of my group, and loyalty to the group is important to me. I prefer to know who is in charge and to have clear rules and procedures; those who are in charge should punish those who break the rules. I like to have my responsibilities clearly defined, and I believe people should be rewarded based on the position they hold and their competence. Most of the time, I trust those with authority and expertise to do what is right for society.
1 - Strongly disagree
2 - Disagree
3 - Unsure
4 - Agree
5 - Strongly agree

individualism: Groups are not all that important to me. I prefer to make my own way in life without having to follow other people's rules. Rewards in life should be based on initiative, skill, and hard work, even if that results in inequality. I respect people based on what they do, not the positions or titles they hold. I like relationships that are based on negotiated "give and take," rather than on status. Everyone benefits when individuals are allowed to compete.
1 - Strongly disagree
2 - Disagree
3 - Unsure
4 - Agree
5 - Strongly agree

egalitarianism: My most important contributions are made as a member of a group that promotes justice and equality, to combat unfairness and corruption in society. Within my group, everyone should play an equal role without differences in rank or authority. It is easy to lose track of what is important, so I have to keep a close eye on the actions of my group. It is not enough to provide equal opportunities; we also have to try to make outcomes more equal.
1 - Strongly disagree
2 - Disagree
3 - Unsure
4 - Agree
5 - Strongly agree

fatalism: Life is unpredictable and I have very little control. I tend not to join groups, and I try not to get involved because I can't make much difference anyway. Other people make the rules; I just have to abide by them. Getting along in life is largely a matter of doing the best I can with what comes my way, so I just try to take care of myself and the people closest to me. It's best to just go with the flow, because whatever will be will be.
1 - Strongly disagree
2 - Disagree
3 - Unsure
4 - Agree
5 - Strongly agree

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As you know, COVID-19 has had (and continues to have) a large impact on society.

covid_risk_you: How would you rate the risk of COVID-19 to you and the people you live with?
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

covid_risk_econ: How would you rate the risk of COVID-19 to economic well-being in Oklahoma?
1 - No risk
2 - Low risk
3 - Moderate risk
4 - High risk
5 - Extreme risk

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education: What is the highest level of education you have COMPLETED?
1 - Less than High School
2 - High School / GED
3 - Vocational or Technical Training
4 - Some College — NO degree
5 - 2-year College / Associate's Degree
6 - Bachelor's Degree
7 - Master's degree
8 - PhD / JD (Law) / MD

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employment: Which one of the following BEST describes your current employment status?
1 - Not working and not seeking work
2 - Not working but seeking work
3 - Working part-time
4 - Working full-time
5 - Student
6 - Retired
7 - Unable to work because of a disability

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[If **employment** = 3 or 4]

industry: Which of the following BEST reflects the kind of business or industry in which you are employed?
1 - Agriculture
2 - Mining
3 - Construction
4 - Manufacturing
5 - Transportation, Communications or Public Utility
6 - Wholesale or Retail Trade
7 - Restaurants
8 - Legal Services
9 - Health and Medical Services
10 - Education
11 - Business & Accounting Services
12 - Engineering & Technical Services
13 - Personal Services or Recreational Services
14 - Finance, Insurance, or Real Estate
15 - Government
16 - Other

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Do you currently or have you ever worked in a business or industry that relates to any of the following natural resources in Oklahoma? [Please indicate all that apply] [randomize]

wrk_natres_oil: Oil/Petroleum
wrk_natres_gas: Natural Gas
wrk_natres_solar: Solar
wrk_natres_wind: Wind
wrk_natres_water: Water
wrk_natres_soil: Soil/Plants
wrk_natres_other: Other (please specify)
wrk_natres_other_specify: [verbatim]

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inc: Was the estimated annual income for your household in 2020:
1 - Less than $50,000 [skip to **inc50**]
2 - At least $50,000 but less than $100,000 [skip to **inc100**]
3 - At least $100,000 but less than $150,000 [skip to **inc150**]
4 - $150,000 or more [skip to **inc200**]

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inc50: Was the estimated annual income for your household in 2020:
1 - Less than $10,000
2 - $10,000 to less than $20,000
3 - $20,000 to less than $30,000
4 - $30,000 to less than $40,000
5 - $40,000 to less than $50,000

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inc100: Was the estimated annual income for your household in 2020:
6 - $50,000 to less than $60,000
7 - $60,000 to less than $70,000
8 - $70,000 to less than $80,000
9 - $80,000 to less than $90,000
10 - $90,000 to less than $100,000

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inc150: Was the estimated annual income for your household in 2020:
11 - $100,000 to less than $110,000
12 - $110,000 to less than $120,000
13 - $120,000 to less than $130,000
14 - $130,000 to less than $140,000
15 - $140,000 to less than $150,000

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inc200: Was the estimated annual income for your household in 2020:
16 - $150,000 to less than $160,000
17 - $160,000 to less than $170,000
18 - $170,000 to less than $180,000
19 - $180,000 to less than $190,000
20 - $190,000 to less than $200,000
21 - $200,000 or more

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inc_next: Do you expect your estimated annual income for your household in 2021 to be…
1 - Less than it was in 2020
2 - About the same as it was in 2020
3 - More than it was in 2020

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As part of this project, we are inviting a select group of people to participate in a citizen science initiative where we are asking participants to provide pictures of a nearby landscape using smartphone app called **Field Photo 2**. In exchange for participating, participants will receive an extra $10 gift card.

smartphone: Do you have a smartphone that is capable of downloading applications and taking pictures?
0 - No
1 - Yes

citizen_science: Are you willing to download and use **Field Photo 2** to provide pictures of a nearby landscape?
0 - No
1 - Yes

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[If **smartphone** = 1 and **citizen_science** = 1 and participant is one of the first 30 to qualify]

Thank you for volunteering to participate in our citizen science project! To participate, please follow these directions:

(1) Use your smartphone application store (such as the Apple App Store or Google Play) to find and download **Field Photo 2**

(2) Open **Field Photo 2** and create an account using the email address we have on file: [autofill]

(3) Follow these instructions to take and upload pictures of a nearby landscape within 1 week of completing this survey. [video in webpage: http://www.eomf.ou.edu/static/Field%20Photo%20Animation%20Draft%2003.mp4]

(4) That's it! We will watch for your pictures and mail you a gift card within a few weeks of receiving them!

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[If **smartphone** = 1 and **citizen_science** = 1 and participant is not one of the first 30 to qualify]

Thank you for volunteering to participate in our citizen science project. We will provide instructions for participating on the next survey!

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Thank you very much for your completing this survey. Your responses will help our team of scientists and policymakers identify and solve some of the biggest problems facing Oklahoma. As a token of our appreciation, you will be receiving a $10 gift card in the mail within the next few weeks.

giftcard_selection: Please select the type of gift card you would most like to receive from the four options shown below. You will be able to change your selection each time you complete the survey. Please note, if you do not make a selection from the choices below, we will select a $10 Walmart gift card for you.
1 - $10 Walmart gift card
2 - $10 Sonic gift card
3 - $10 Braum's gift card

giftcard_amazon: We are not currently offering electronic gift cards, but we are considering it for future surveys. If an electronic gift card from Amazon were an option, would you select it instead of one of the options above?
0 - No
1 - Yes

To help us ensure that your gift card arrives quickly, please verify that our records are correct: [verbatim; autofill with prior data if available]
confirm_fname: First name: [verbatim]
confirm_lname: Last name: [verbatim]
confirm_address: Address: [verbatim]
confirm_city: city: [verbatim]
state: Oklahoma
confirm_zip: zip: [verbatim; 5-digit numeric]
confirm_county: What is the name of the county where you live? [drop down list of counties]
confirm_phone: Phone: [verbatim; numeric
confirm_email: Email: [verbatim]