

# **Attachment C: NCEH Card Sorting Protocol**

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## Screen 1: Welcome and Consent

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### Welcome

Welcome to the Climate and Health Card Sort Study!

You're being asked to participate in a card sorting study of the CDC's Climate and Health Program website. Your response will help us understand how the website should be organized to make it easier to use. The study shouldn't take longer than 20 minutes to complete.

The data will be used solely for the purposes of improving the Climate and Health Program website. Your name or email address will not be used in any reports and at any time after this study is over.

You may withdraw from the study at any time.

You will receive a \$25 gift card as a token of appreciation for taking part.

If you have questions after the study is over, you can contact Huijuan Wu at [huijuan@communicatehealth.com](mailto:huijuan@communicatehealth.com) or at (240) 428-1357.

If you agree to participate, please enter your email address to begin. \_\_\_\_\_

Public reporting burden of this collection of information is estimated to average 20 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Information Collection Review Office, 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30333; ATTN: PRA (0923-0047).

## Screen 2: Instructions

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### Instructions

*Instructions will be displayed on a screen showing the list of items to be sorted.*

#### **Step 1**

Take a quick look at the list of items on the left.

Your task is to sort them into groups that make sense to you. These items represent content on or linked from the Climate and Health Program website.

There is no right or wrong answer, just do what comes naturally.

#### **Step 2**

When you're ready, drag an item from the left to create your first group.

## Screen 3: Sorting Cards

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*See “CARDS” samples. The order of cards will be randomized during testing. External link URLs are provided where applicable for reference only, and will not be displayed to participants during testing.*

### Instructions

*Additional instructions are shown after the participant drags the first item.*

#### **Step 3**

If you already know what you'd like to call this group, click the title to rename it now. If not, you can do this later.

#### **Step 4**

Now you can either put more items into this group, or make more groups.

There is no right number of groups, but make sure that you think about how the items relate to each other. If you have a group with a large amount of items, you may want to split it up into smaller groups.

When you're done, click “Finished” (top right).

### **Need Help?**

For help using OptimalSort, please call CommunicateHealth at (240) 428-1189 and ask for Huijuan Wu. We are available Monday through Friday, 9 AM to 5 PM Eastern time. You may also email us at [ATSDR-study@communicatehealth.com](mailto:ATSDR-study@communicatehealth.com).

*The participant can view the instructions again at any time during the study.*

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## Screen 4: Post-Test Questions

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Just about finished.

Please answer the following questions. Your responses will be kept private to the extent allowed by law.

1. What category do you belong to?

- Public health professional
- Policy maker
- General public
- Other

2. In your own words, please describe your profession.

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## Screen 5: Thanks

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Thanks.

All done, awesome! Thanks again for your participation. Your feedback is incredibly useful in helping to determine how our content should be organized, so we can make our website easier to use.

You may now close this window or navigate to another webpage.

## Cards

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The order of cards will be randomized during testing. External link URLs are provided where applicable for reference only, and will not be displayed to participants during testing.

| Page  | Description for card sort  | Page URL  |
|---|--|---|
| About Our Program   | Overview and mission statement of Climate and Health Program.  | <a href="http://www.cdc.gov/climateandhealth/about.htm">http://www.cdc.gov/climateandhealth/about.htm</a>                                     |
| Additional information about Vector-borne and Zoonotic Diseases     | Additional information and references on vector-borne and zoonotic diseases.   | <a href="http://www.cdc.gov/climateandhealth/effects/vectorborne.htm">http://www.cdc.gov/climateandhealth/effects/vectorborne.htm</a>         |
| Additional Resources  | Links to external resource websites regarding climate and health.  | <a href="http://www.cdc.gov/climateandhealth/resources.htm">http://www.cdc.gov/climateandhealth/resources.htm</a>                             |
| Aero-allergens  | Overview of air-related allergens.   | <a href="http://www.cdc.gov/climateandhealth/effects/allergens.htm">http://www.cdc.gov/climateandhealth/effects/allergens.htm</a>             |
| Air Quality and Respiratory Disease                                 | Overview of air quality changes and the likely health effects.   | <a href="http://www.cdc.gov/climateandhealth/effects/airquality.htm">http://www.cdc.gov/climateandhealth/effects/airquality.htm</a>           |
| Asthma, Respiratory Allergies, and Airway Diseases                  | Overview of the impact of climate change on respiratory problems.  | <a href="http://www.cdc.gov/climateandhealth/effects/airway_diseases.htm">http://www.cdc.gov/climateandhealth/effects/airway_diseases.htm</a> |
| Cancer  | Overview of possible impacts of climate change on cancer.  | <a href="http://www.cdc.gov/climateandhealth/effects/cancer.htm">http://www.cdc.gov/climateandhealth/effects/cancer.htm</a>                   |
| Cardiovascular Disease and Stroke                                   | Overview of climate change's effects on cardiovascular disease particularly due to increased temperatures.   | <a href="http://www.cdc.gov/climateandhealth/effects/stroke.htm">http://www.cdc.gov/climateandhealth/effects/stroke.htm</a>                   |
| CDC Policy on Climate and Health                                    | Information about CDC policy on climate and health, priority actions, types of weather events related to climate change, and their effect on health. | <a href="http://www.cdc.gov/climateandhealth/policy.htm">http://www.cdc.gov/climateandhealth/policy.htm</a>                                   |
| CDC's Building Resilience Against Climate Effects (BRACE) Framework | Overview of how climate change affects people, and a 5-step plan to deal with it.  | <a href="http://www.cdc.gov/climateandhealth/BRACE.htm">http://www.cdc.gov/climateandhealth/BRACE.htm</a>                                     |



| Page                                       | Description for card sort  | Page URL  |
|--|--|---|
| Climate and Public Health Webinars         | Links to webinars about climate and health.  | <a href="http://www.cdc.gov/climateandhealth/webinar_series.htm">http://www.cdc.gov/climateandhealth/webinar_series.htm</a>                       |
| Climate-Ready States and Initiatives       | Information on the CDC's program to help states and cities prepare for health issues related to climate change.          | <a href="http://www.cdc.gov/climateandhealth/climate_ready.htm">http://www.cdc.gov/climateandhealth/climate_ready.htm</a>                         |
| Foodborne Diseases and Nutrition           | Overview of the increase in foodborne pathogens due to climate change.   | <a href="http://www.cdc.gov/climateandhealth/effects/foodborne.htm">http://www.cdc.gov/climateandhealth/effects/foodborne.htm</a>                 |
| Funding Opportunities                      | List of available funding opportunities regarding climate and health research.   | <a href="http://www.cdc.gov/climateandhealth/funding.htm">http://www.cdc.gov/climateandhealth/funding.htm</a>                                     |
| Health Effects                             | Overview of the likely health effects of increased temperatures and extreme weather events.                              | <a href="http://www.cdc.gov/climateandhealth/effects/default.htm">http://www.cdc.gov/climateandhealth/effects/default.htm</a>                     |
| Heat Waves                                 | Overview of climate change's effect on heat waves.   | <a href="http://www.cdc.gov/climateandhealth/effects/heat.htm">http://www.cdc.gov/climateandhealth/effects/heat.htm</a>                           |
| Heat-Related Morbidity and Mortality       | Overview of the impact of climate change's increased temperatures on health.   | <a href="http://www.cdc.gov/climateandhealth/effects/heat_related.htm">http://www.cdc.gov/climateandhealth/effects/heat_related.htm</a>           |
| Human Developmental Effects                | Overview of climate change's effect on developmental stages of life, both in the womb and later.                         | <a href="http://www.cdc.gov/climateandhealth/effects/human_development.htm">http://www.cdc.gov/climateandhealth/effects/human_development.htm</a> |
| Mental Health and Stress-Related Disorders | Overview of weather factors that lead to loss of homes/displacement, and mental issues and stress resulting from it.     | <a href="http://www.cdc.gov/climateandhealth/effects/mental_health.htm">http://www.cdc.gov/climateandhealth/effects/mental_health.htm</a>         |
| Neurological Diseases and Disorders        | Overview of climate change's effect on ocean life, in turn affecting neurological health by eating contaminated seafood. | <a href="http://www.cdc.gov/climateandhealth/effects/neurological.htm">http://www.cdc.gov/climateandhealth/effects/neurological.htm</a>           |
| Partners                                   | List of links to partner websites.   | <a href="http://www.cdc.gov/climateandhealth/partners.htm">http://www.cdc.gov/climateandhealth/partners.htm</a>                                   |
| Prevention and Preparedness                | Steps to prepare for climate change and prevent some of its effects on health.   | <a href="http://www.cdc.gov/climateandhealth/prevention.htm">http://www.cdc.gov/climateandhealth/prevention.htm</a>                               |
| Publications                               | List of PDFs, links to articles, and text list of additional publications.   | <a href="http://www.cdc.gov/climateandhealth/publications.htm">http://www.cdc.gov/climateandhealth/publications.htm</a>                           |

| Page                                    | Description for card sort   | Page URL  |
|---|---|---|
| Technical Assistance                    | Links to climate and weather data and decision support tools.                                     | <a href="http://www.cdc.gov/climateandhealth/technical_assistance.htm">http://www.cdc.gov/climateandhealth/technical_assistance.htm</a>                 |
| Vector-borne and Zoonotic Diseases      | Overview of climate change's effects on Vector-borne and Zoonotic Diseases.                       | <a href="http://www.cdc.gov/climateandhealth/effects/vectorborne_zoonotic.htm">http://www.cdc.gov/climateandhealth/effects/vectorborne_zoonotic.htm</a> |
| Waterborne Diseases                     | Overview of the incidence of waterborne diseases due to climate change.                           | <a href="http://www.cdc.gov/climateandhealth/effects/waterborne.htm">http://www.cdc.gov/climateandhealth/effects/waterborne.htm</a>                     |
| Weather-Related Morbidity and Mortality | Overview of climate change causing more significant weather events, and how it relates to health. | <a href="http://www.cdc.gov/climateandhealth/effects/weather_related.htm">http://www.cdc.gov/climateandhealth/effects/weather_related.htm</a>           |
| Workforce Development                   | Overview of CDC workforce development goals.  | <a href="http://www.cdc.gov/climateandhealth/workforce.htm">http://www.cdc.gov/climateandhealth/workforce.htm</a>                                       |