



Contact Information

- 1. Full Name: _____ 2. Address: _____
- 3. Phone number: _____ 4. e-mail: _____
- 5. Are you willing to participate in our low-cost sensor project that will involve installing a small air sensor in your apartment/house and allowing it to collect data for 12 to 15 months? Yes No
- 6. Will you be able to provide a wireless internet connection for the sensor?: Yes No
- 7. Are you interested in learning how to set up and install an air sensor outdoors at your apartment/house? Yes No

Context and Awareness of Air Quality and Sensors

1. To what extent do you agree with the following statement: "Issues related to air quality affect me and/or my family"

_____ _____ _____ _____ _____
 Strongly disagree Disagree Neutral/ Undecided Agree Strongly agree

2. How concerned are you about air quality?

_____ _____ _____ _____ _____
 Not at all Slightly Moderately Very Extremely

3. In your opinion, how often does air quality affect you and/or your family (e.g., trigger asthma, affect visibility, cause coughing or other respiratory problems)?

_____ _____ _____ _____ _____
 Never Seldom Sometimes Often Almost Always

4. What air pollutants are you concerned about in your area?

- Particle pollution Ozone Diesel exhaust Volatile Organic Compounds (VOCs)
- Nitrogen oxides (NOx) Traffic emissions Smog I am not concerned about air pollution
- Concerned, but unsure about specific pollutants Other (please specify: _____)

5. What are the biggest causes of air quality problems where you live, so far as you know?

- Cars Industry Residential wood burning
- Refineries Auto repair shops Ports
- Other (please specify : _____) I don't know

6. How do you typically get information about air quality in your community?

- News outlet Federal government website Local government website
- Phone app Social media Other (please specify: _____)

7. How often do you check local air quality information before planning your outdoor activities or other behaviors (e.g., opening windows, exercising outdoors, etc)?

_____ _____ _____ _____ _____
 Never Seldom Sometimes Often Almost always

8. How familiar are you with low-cost air quality sensors?

————— ————— ————— —————

Not at all Slightly Moderately Very Extremely

9. In your opinion, how credible are data from low-cost air quality sensors?

————— ————— ————— —————

Very poor Poor Acceptable Good Very good

10. For what types of applications do you think low-cost air quality sensors could be useful to you and your community?

- Understanding local pollution sources Personal air quality information Planning for outdoor activities
 Other (please specify: _____)

11. What issues do you think are important to consider before selecting an air pollution sensor to monitor air quality?

- Sensor sensitivity Sensor selectivity Interferences Ease of use Price
 Battery life Reliability Precision Weight Portability
 Durability Accuracy I don't know
 Other (please specify: _____)

12. Do you think you would change your behavior (e.g., choose to exercise indoors or during a different time of day) based on air quality sensor data?

- Yes No I don't know

13. Do you have any questions or comments about air sensors?

Demographic Information

For statistical purposes, we must ask:

1. What is your age?:

- 12-17 18-24 25-34 35-44 45-54 55-64 65+

2. Which categories best describe you (check all that apply):

- White Black or African American American Indian/Alaska Native
 Hawaiian Native or Pacific Islander Middle Eastern or North African Asian
 Hispanic, Latino, or Spanish origin Other

3. Highest level of education attained (if currently enrolled, the highest degree received):

- Some high school, no diploma High school graduate, diploma or the equivalent
 Some college credit, no degree Trade/technical/vocational training
 Associate degree Bachelor's degree
 Master's degree Professional Degree (e.g. M.D. or J.D.)
 Doctorate degree (Ph.D.)

4. How many people live in your home (Including yourself)? _____

5. Do you have any children under the age of 18 living in your household? Yes No
If yes, please provide their ages: _____