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: ________