

The Riverside area Community Air Board (CAB) and The Center for Environmental Research and Technology (CE-CERT) at UCR will be leading the Riverside, CA community in an air quality monitoring project using sensors borrowed from South Coast AQMD’s Sensor Library Program. This plan outlines the goals and activities to be completed by the CAB and CE-CERT.

Project Plan Timeline for Aim 2: Engage communities to improve air quality

- 1. Engage CAB members to solicit ideas for sensor siting**
 - Timeline: Ongoing, April 2026
 - Use bi-monthly meetings to discuss events and community groups that could help identify locations for sensors.
- 2. Host First Community Workshop**
 - Date: May 2025
 - Purpose: Introduce the project and gather initial input from community members
 - Format: Community event (annual Unity Basketball Game organized by the City of Riverside)
- 3. Host 3 Additional Community Workshops and/or Distribute Flyers**
 - Timeline: August 2025 – March 2026
 - Purpose: Share interim data, promote sensor awareness, and continue engagement
- 4. Host Final Community Workshop**
 - Date: April 2026
 - Purpose: Share final results and introduce the draft Community Action Plan
- 5. Receive and Document Community Feedback**
 - Timeline: Ongoing, April 2026
 - Activity: Collect and organize comments for CAP
- 6. Develop Community Action Plan**
 - Timeline: April 2026
 - Deliverable: Draft and finalize action plan based on data and community input

Project Plan Timeline for Aim 3: Empower students in STEM learning opportunities around air quality monitoring

- 1. Recruit and Train UCR Undergraduates and RUSD Students**
 - Timeline: January – August 15, 2025
 - Activity: Provide training on air sensors, data collection, and community engagement

2. Deploy Sensors

- Timeline: June 16 – September 15, 2025
- Activity: Install selected sensors at agreed community locations. Temporarily operate from location(s) at UCR during periods when one or more not committed to community locations.

3. Mentor Students and Review Data Analysis

- Timeline: September 2025 – April 2026
- Activity: Guide students in interpreting data and preparing reports for public presentation