



Oregon Department of Environmental Quality

Community Air Sensor Host Description

Community Air Action Planning

The Community Air Action Planning program is looking for volunteers to host air quality sensors on their property. By hosting a sensor, you will capture near-real time air quality data. Your community can use this information to investigate local air quality issues and create an action plan to address on-going concerns.

The Community Air Sensor Host is a key volunteer position with specific responsibilities:

- Provide a location to install sensor
- Ensure sensor functions properly
- Document field activities
- Communicate regularly with CAAP team

Requirements

The air sensor must operate for about 10 months. Hosts will need to provide a site for sensor installation and to allow for sensor operation during this entire time. Electrical power must be provided for sensor operation, and it is preferred Wi-Fi is provided for data transmission. To maintain data quality, hosts will need to document sensor installation and inspections. Inspections will be conducted about every two weeks and should take less than 15 minutes. To receive a sensor, hosts will also need to agree to the terms of the sensor loan.

Community Air Sensor Hosts will receive training on how to install and maintain the sensors. Ongoing support will be provided primarily by email and phone. In-person support is available but limited.

Benefits

- Receive a one-time stipend of up to \$500 for your time and work
- Contribute to air quality and public health research
- Gain experience with environmental monitoring technology
- Deepen your understanding of air pollution and its impacts
- Network with community members, environmental advocates and government organizations

Resources

To learn more about the CAAP, visit on the [CAAP web page](#) or scan the QR code. Sensor location criteria and agreement terms can be found here as well.



Contact

Email the CAAP monitoring specialist, Ryan Porter, at caap@deq.oregon.gov.

Non-discrimination statement

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