

Our Services

Establish a Network of School-Based Sensors

Low-cost air quality sensors will be placed in 19 schools across seven districts in Pima County.

Collect and Share Data

Data will be collected over the course of three years. The team will share the data with schools and the general public.

Increased Access to Educational Resources

The school districts, students and families will be able to better understand air pollution levels within their communities.

Develop an Education Plan for Participating Schools

The team will teach students and school personnel how to analyze data obtained from the sensors.

How Does Air Quality Affect Your Community?

The Pima County Department of Environmental Quality, in collaboration with the University of Arizona Mel and Enid Zuckerman College of Public Health, is installing low-cost air quality sensors across 19 schools in Pima County.



About the Project

Our team will partner with the Flowing Wells Unified School District and six other Pima County school districts to install air quality sensors at schools to monitor several air pollutants, including coarse and fine particulate matter, ground-level ozone, nitrogen oxides, and carbon monoxide. We will work with schools to mentor, teach and collaborate with students and school personnel to understand the data obtained from these sensors, and develop education modules about air pollution, its effects on health, and its implications for environmental justice. The project's goals are to improve public knowledge about local air pollution, especially in environmentally stressed communities, and educate students about these concepts.



Contact Us:



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(520) 724-6885

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Our team will partner with the Marana School District and six other Pima County school districts to install air quality sensors at schools to monitor several air pollutants, including coarse and fine particulate matter, ground-level ozone, nitrogen oxides, and carbon monoxide. We will work with schools to mentor, teach and collaborate with students and school personnel to understand the data obtained from these sensors, and develop education modules about air pollution, its effects on health, and its implications for environmental justice. The project's goals are to improve public knowledge about local air pollution, especially in environmentally stressed communities, and educate students about these concepts.



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Our team will partner with the Sahuarita Unified School District and six other Pima County school districts to install air quality sensors at schools to monitor several air pollutants, including coarse and fine particulate matter, ground-level ozone, nitrogen oxides, and carbon monoxide. We will work with schools to mentor, teach and collaborate with students and school personnel to understand the data obtained from these sensors, and develop education modules about air pollution, its effects on health, and its implications for environmental justice. The project's goals are to improve public knowledge about local air pollution, especially in environmentally stressed communities, and educate students about these concepts.



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About the Project

Our team will partner with the Sunnyside Unified School District and six other Pima County school districts to install air quality sensors at schools to monitor several air pollutants, including coarse and fine particulate matter, ground-level ozone, nitrogen oxides, and carbon monoxide. We will work with schools to mentor, teach and collaborate with students and school personnel to understand the data obtained from these sensors, and develop education modules about air pollution, its effects on health, and its implications for environmental justice. The project's goals are to improve public knowledge about local air pollution, especially in environmentally stressed communities, and educate students about these concepts.



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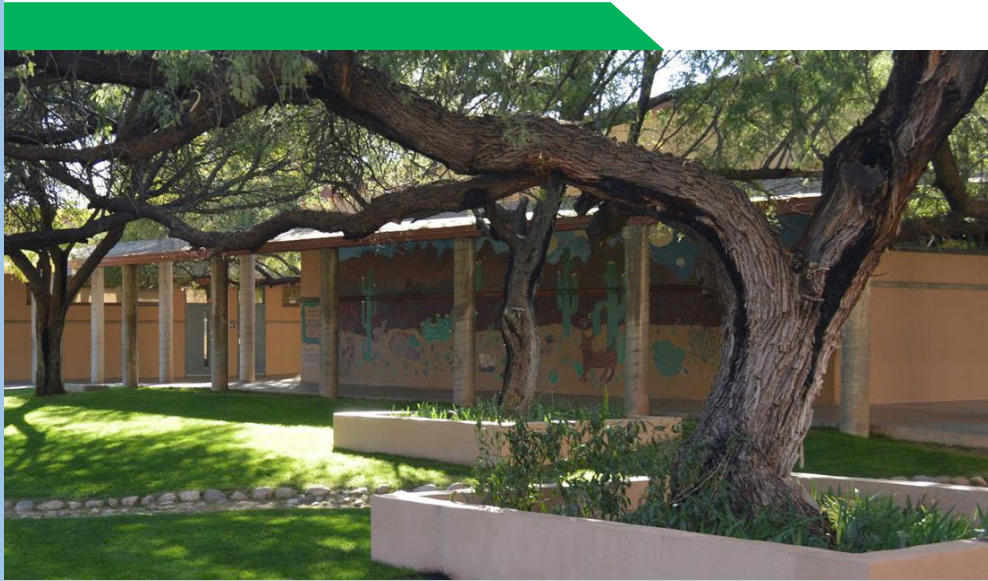
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About the Project

Our team will partner with the Tanque Verde Unified School District and six other Pima County school districts to install air quality sensors at schools to monitor several air pollutants, including coarse and fine particulate matter, ground-level ozone, nitrogen oxides, and carbon monoxide. We will work with schools to mentor, teach and collaborate with students and school personnel to understand the data obtained from these sensors, and develop education modules about air pollution, its effects on health, and its implications for environmental justice. The project's goals are to improve public knowledge about local air pollution, especially in environmentally stressed communities, and educate students about these concepts.



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About the Project

Our team will partner with the Tucson Unified School District and six other Pima County school districts to install air quality sensors at schools to monitor several air pollutants, including coarse and fine particulate matter, ground-level ozone, nitrogen oxides, and carbon monoxide. We will work with schools to mentor, teach and collaborate with students and school personnel to understand the data obtained from these sensors, and develop education modules about air pollution, its effects on health, and its implications for environmental justice. The project's goals are to improve public knowledge about local air pollution, especially in environmentally stressed communities, and educate students about these concepts.



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About the Project

Our team will partner with the Vail Unified School District and six other Pima County school districts to install air quality sensors at schools to monitor several air pollutants, including coarse and fine particulate matter, ground-level ozone, nitrogen oxides, and carbon monoxide. We will work with schools to mentor, teach and collaborate with students and school personnel to understand the data obtained from these sensors, and develop education modules about air pollution, its effects on health, and its implications for environmental justice. The project's goals are to improve public knowledge about local air pollution, especially in environmentally stressed communities, and educate students about these concepts.



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