

**The University of Texas at Austin**  
**Corpus Christi Air Monitoring and Surveillance Camera Network**

**Project Description**

The purpose of this Project is to extend and enhance the Corpus Christi Air Monitoring and Surveillance Camera Network by (1) refurbishing and/or replacing equipment; (2) purchasing new equipment to enhance the capabilities of the monitoring network; (3) moving a monitoring site to a new location in order to collect data in an area that air quality models have shown as being overlooked; and (4) extending the life of the monitoring network by providing funds for contractor costs to operate and maintain the Sites. Performing Party shall use SEP Funds to purchase new equipment, to purchase Site consumables such as filters and safety supplies, to pay for monthly expenses at the Sites such as electricity and phone services, and to pay its contractor to refurbish old equipment and install new equipment. Performing Party shall also use SEP Funds to pay its contractor to relocate a Site and to operate and maintain the Sites.

**Environmental Benefit**

This Project will provide environmental benefits to the Corpus Christi area by providing measurements of concentrations of certain air pollutants and an evaluation of those air pollutants being emitted. The information obtained from this network will provide the community with more knowledge of the types and quantities of pollutants emitted from the industries along the Corpus Christi ship channel. The raw data generated through the Project may be used to aid Performing Party's research, teaching, and service missions through the implementation of additional projects. Performing Party shall be solely responsible for, and shall not use any SEP Funds to pay for, any such additional Project cost increases resulting from any such research, teaching, or service activities. In addition, data obtained from the monitoring sites and made available to the public may be used by TCEQ and EPA.

Health impacts from emissions in and around the highly industrialized area of Corpus Christi are a concern. This Project focuses on providing air quality data that may be used by TCEQ and EPA to investigate and remediate this air quality concern. Data from the Project may be used by TCEQ and EPA to detect and track air emissions in near real-time to determine air pollution source locations for enforcement actions, to make permitting and regulatory decisions, and in potential future health studies. The data can also be used by TCEQ and EPA to help determine if additional air quality problems that have not yet been detected exist in the Corpus Christi area.

**Eligible Areas and Counties**

This project may receive contributions from the following:

Airshed 214 Corpus Christi-Victoria:

Aransas, Bee, Brooks, Calhoun, DeWitt, Duval, Goliad, Jackson, Jim Wells, Kenedy, Kleberg, Lavaca, Live Oak, McMullen, Nueces, Refugio, San Patricio, and Victoria Counties

**Minimum Contribution Amount**

\$1,000