



The air monitoring station at the University of Basrah/ Garmat Ali /College of Science- Ecology Department

The air monitoring station is one of the most modern integrated laboratories of German origin to measure the concentrations of various air pollutants in the ambient air. The station includes accurate measuring devices for Nitrogen oxides, Sulfur dioxide, Ozone, Carbon monoxide, Carbon dioxide, Hydrogen sulfide, Benzene, hydrocarbons, and suspended particles. Any data is collected and stored directly by a computer connected over the Internet with the headquarters in Basra Environment Directorate.

Work has been started on this station since 2015 in cooperation between the Basra Environment Directorate and the College of Science/University of Basrah (presented by the Ecology Department) to collect air pollutant data to determine the actual concentrations in the air of Basra Governorate and indicate cases of high concentrations exceeding the permissible limits. The station serves as a laboratory for undergraduate students to learn the mechanisms of working, dealing with data, and preparing reports. This station is prepared to provide huge data for postgraduate students, higher diplomas, masters, and doctorates, complete their projects with high accuracy results, and graduation projects for undergraduate students.



Horiba Station- Air Pollutants Monitoring