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## SOME BASIC FEATURES OF THE AIR POLLUTION PROBLEM IN IRAQ

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Suffering of Iraqi cities by a number of environmental problems caused by the neglect term of the environment in Iraq shows the most obvious of these problems in Baghdad as the urban center for several millions of people with the necessary requirements for the provision of drinking water, food, electricity, transportation and disposal of solid waste and sewage, etc. Perhaps one of the most important of these problems is the deterioration of air quality due to the proliferation of burning fuel sources and many other activities,

Researches of real air quality in Iraqi cities were analyzed. Deterioration of air quality during three last decades was revealed since 1991 after the Gulf War II result of burning refineries and oil reservoirs and storage of chemicals added to the conflagrations and explosions and the use of the mass fuel transportation. Continued negative effects during the period of the nineties increased the dimensions of this problem through the scarcity of materials and equipment reducing pollution from factories and also the cessation of afforestation and the destruction of green belts. According to the spent analysis of the accessible information, the basic substances polluting air environment in Bagdad, are: carbon monoxide and carbon dioxide, oxides of nitrogen, sulfur dioxide, photochemical oxidants (the most important is ozone), hydrocarbon oil, hydrogen sulfide, methane, mercaptan ash and soot.

Industrial sources of air pollutants in a large number are absent in Baghdad because most polluting industries are located out of the city. But there are industrial zones, many with large numbers of craft industries pollute the air such as the plumbing, rubber and ceramics plants and so on.

Thus, the fast increase of air pollution sources in Bagdad, leading to air quality deterioration, demands development of the monitoring system of the air environment' quality.