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ANALYSIS OF ENVIRONMENTAL COMPONENTS BY MONITORING GAS CONCENTRATIONS IN THE ENVIRONMENT

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Abstract

Analysis of main environmental components must be appropriate and useful for establishing decision-making elements regarding environment quality, the need for intervention and remediation in major cases, or improvements and development forecasting for local specific situations or subsequent climatic behaviour and composition transformation processes. In this respect, the usefulness of the information gathered from environmental analysis largely depends on how monitoring actions and environmental analysis (inspection and measurement) are planned. Pollutants discharged from use of various technological gases must be measured and analysed to avoid potential hazards and protect vital space and man against direct and indirect effects of noxae. To this end, the current paper aims to analyze certain internationally recommended methods for measuring and monitoring main gases which have negative impact upon the environment and human health, such as physicochemical analysis/evaluation/radiography of gases and dusts from the Jiu Valley urban area's atmosphere, trying to assess the state of the environment in this area.

Keywords: environment, gases, monitoring, pollution, population's health

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