

## IMPROVEMENT OF AIR QUALITY MANAGEMENT STRATEGY BY EVALUATION OF URBAN POLLUTION

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**Abstract.** *Air quality management strategy (AQMS), designed on the original results of air pollution research, is significant and efficient, and can be effectively employed in managing acceptable urban air quality. The AQM practices are specific to a particular region needs and requirements, based on a regulatory management framework. The first objective of this review is focused on the evaluation of sources of particulate matter pollution in atmosphere of different areas in Cluj-Napoca, Transylvania, Romania, using the top appropriate techniques. The second objective is to figure out a prospective strategy for the AQM improvement based on the physical and chemical data obtained from the investigation of samples collected from the areas of interest.*

**Keywords:** particulate matters, pollution, atmosphere, AFM, XRD, TEM, SEM.

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