

## AIR QUALITY IN TUZLA

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*City of Tuzla, among the other cities in Bosnia and Herzegovina as well, is recording degradation in air quality, especially during winter months. The largest air pollutants are exhaust fumes from furnaces, cars and industries. Considering that Tuzla is located in a valley, in periods of unfavorable climate conditions, this area is naturally predisposed to air pollution. In this paper, an analysis and assessment of air quality in Tuzla was made, based on data of the average annual and monthly values of concentration of pollutants emission with automated stationary stations for monitoring of air quality in the period of 2004-2013. Also, the analysis of the air quality state of the Tuzla urban system in 1991 was made, in order to identify certain trends or concentrations of the certain pollutants and a comparison among those periods was also made.*

**Key words:** air quality, air pollution, temperature inversions, air pollutants, Tuzla.