



*“Gh. Asachi” Technical University of Iasi, Romania*

---

**STUDY OF AIR POLLUTION IN THE AREA OF  
TARGU-JIU CITY DUE TO THE EMISSIONS  
GENERATED BY INDUSTRIAL ACTIVITIES  
PERFORMED IN THE YEAR 2005**

**Camelia Capatina<sup>\*</sup>, Cristinel Racoceanu, Gheorghe Gamaneci**

*„Constantin Brancusi” University of Tg-Jiu, 1 Republicii Blvd., Tg-Jiu, 210152, Gorj, Romania*

---

**Abstract**

The air pollution in the city of Tg-Jiu is due to industrial activities, mainly from the thermal-energetic industry, residential heating installations, but also from road traffic. The negative influence of polluted air is seen mostly on the health and comfort of the population living in the respective area. The destructive action has also impact on flora, fauna and constructions. This paper presents the monitoring of the air quality in the city of Tg-Jiu, taking into consideration the following gaseous pollutants: SO<sub>2</sub>, NO<sub>2</sub> and suspended particulate matters according to standards, and the data were statistically processed.

*Keywords:* air pollution, Tg-Jiu, SO<sub>2</sub> and NO<sub>2</sub> gaseous pollutants, suspended particulate matter

---

---

<sup>\*</sup> Author to whom all correspondence should be addressed: e-mail: [cam@utgjiu.ro](mailto:cam@utgjiu.ro)