



## **The Influence of Air Pollution to Anaemia in Pregnancy in the Shkodra Region (Albania)**

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**Abstract:** Anaemia is a public health problem that affects populations in both rich and poor countries. The objective of this paper was to assess the influence of outdoor air pollution on the frequency of anaemia in pregnant women in Shkodra district. A total of 1000 pregnant women were studied and aged 20-40. Women were administered a questionnaire related with the subject and blood samples were drawn. Also the results of the prevalence anaemia in pregnancy were compared between two different areas regarding the air pollution parameters as Pb, Cu, Zn, PM1, PM2.5, PM 10. Noticed a significant difference between the two study areas in terms of percentage of anaemic pregnant women in the region of Shkodra during the period October 2010 - May 2012 related to air pollution.

**Keywords:** *Anaemia, public health, Shkoder, air pollution, pregnant women*

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