



Researches concerning the ground water contamination with nitrogen compounds, pesticides and heavy metals in the limitroph Timisoara area

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Because of using the fertilizers and the pesticides, it has been found that the natural underground water resources are seriously polluted with chemical substances. The discharge of the residues appears abundantly in urban places, with high population, having direct negative results over the majority consumers of drinking water. This study has in view the contamination of the ground water with chemical substances including nitrogen compounds (nitrate, nitrite and ammonium), heavy metals and pesticides in industrial and agricole area as well as in the deposition of the domestic waste near Timisoara. The experimental results indicate a nitric pollution of the surface water, because wrong use of the chemical fertilizers, the uncontrolled evacuation of the animal waste and a contamination with triazine nearby areas cultivated with corn.