

Program	Program NUCLEU PN 09 13 02 27
Project title (ENG):	Research on the evolution of pollution induced by the physical and chemical processing activities metalliferous ores
Project title (RO):	Cercetari privind evolutia gradului de poluare indus de activitatile de procesare fizica si chimica a minereurilor metalifere
Duration	01.2015- 12. 2015
Team Leader	Senior Researcher Eng. Adriana Cuciureanu
Summary (short description) ENG	<p>In the project were performed seasonal campaigns investigating the environmental quality of soil and water components (underground and surface) in the areas of activities processing of metal ores which have resulted in the creation of a database consisting of values relevant indicators - heavy metals.</p> <p>Establishing the evolution in time of heavy metal contamination of environmental components in the area analyzed and quantifying the impact induced by the activities carried out in the area allowed the identification of hot spots of heavy metal pollution.</p>
Summary (short description) RO	<p>In cadrul proiectului s-au efectuat campanii sezoniere de investigare a calitatii componentelor de mediu sol si apa (subterana si de suprafata) in zona de derulare a activitatilor de procesare a minereurilor metalifere care au avut drept rezultat crearea unei baze de date constituita din valori ale indicatorilor relevanti – metale grele.</p> <p>Stabilirea evolutiei in timp a gradului de contaminare cu metale grele a componentelor de mediu din arealul analizat si cuantificarea impactului indus de activitatile derulate in zona a permis identificarea zonelor fierbinti de poluare cu metale grele .</p>
Dissemination of results	
Conferences (platform, poster, abstract / full-paper	S. Calinescu, L. Kim, G. Batrinescu, B. Stanescu, R. Dumitrache - Spatial distribution and temporal variation of concentrations of heavy metals in soil and groundwater in the area with metalliferous minerals processing activities <i>International Symposium The Environment and The Industry SIMI, Bucuresti , 29-30 octombrie, 2015</i>