

<b>Program</b>	<b>Program NUCLEU PN 16 25 02 02</b>
<b>Project title (ENG):</b>	<b>Researches concerning the matrices specifics of contamination of groundwater in the area of tailings pond</b>
<b>Project title (RO):</b>	<b>Cercetari privind particularitatile matricilor de impurificare ale apelor subterane din zona unui iaz de decantare steril minier</b>
<b>Duration</b>	03.2016- 12. 2017
<b>Team Leader</b>	Senior Researcher Eng. Adriana Cuciureanu
<b>Summary</b> (short description) ENG	The project highlighted the environmental issues identified the restated mining tailings in a pond. Starting from activities developed in the history of the site of a tailings pond the restated and from investigate seasonal groundwater quality in existing observation wells, it was performed quantifying the impact induced on the groundwater.
<b>Summary</b> (short description) RO	In proiect s-au evidentiat aspectele de mediu relevante identificate la depozitarea sterilelor miniere retratate intr-un iaz de decantare.  Pornind de la istoricul activitatilor derulate in zona de amplasament a unui iaz de decantare sterile retratate si de la investigarea sezoniera a calitatii apei subterane in forajele de observatie existente, s-a realizat cuantificarea impactului indus asupra componentei de mediu apa subterana.
<b>Dissemination of results</b>	
Full-paper ISI	A. Cuciureanu, L. Kim, C. B. Lehr, <i>“The groundwater quality of the area tailings mining ponds in the north of Romania”</i> , Revista de chimie, vol.68, No. 8, 2017, ISSN 2537-5733, ISSN-L 1582-9049, pp. 1695-1699
Conferences (platform, poster, abstract / full-paper)	A. Cuciureanu, L. Kim, C. B. Lehr, <i>“The groundwater quality of the area tailings mining ponds in the north of Romania”</i> , 20 <sup>th</sup> International Symposium „The Environment & The Industry” – SIMI 2017, Bucharest, 2017, poster