

Program	Program NUCLEU PN 16 25 03 04
Project title (ENG):	Research on reaction systems for mine water treatment
Project title (RO):	Cercetari privind sisteme de reactie pentru tratarea apelor de mina
Duration	2016-2017
Team Leader	dipl.eng. Dinu Laurentiu
Summary (short description) ENG	Experimental model to be used for determining the reaction rate type steady-state, CSTR. RTD and mixing studies. Method for determining the kinetics for the mine water treatment Evaluation study for reaction systems for the treatment of mine waters
Summary (short description) RO	Model experimental pentru determinarea directa a vitezelor de reactie tip serie de reactoare R. Studii DDS. Metoda de determinare a cineticii de proces pentru tratarea apelor de mina Studiu de evaluare a sistemelor de reactie pentru tratarea apelor de mina
Dissemination of results	
Conferences (platform, poster, abstract / full-paper	L.R. Dinu, LA Constantin, C Cosma, M Alexie, I Nitoi, <i>A Sustainable Approach For The Mine Water Treatment</i> , 16th International Multidisciplinary Scientific GeoConference SGEM 2016, SGEM2016 Conference Proceedings, ISBN 978-619-7105-65-0 / ISSN 1314-2704, June 28 - July 6, 2016, Book5 Vol. 1, 11-18 pp, DOI: 10.5593/SGEM2016/B51/S20.002. (ISI)
	L.R.Dinu, L.Constantin, I.Cristea, V.Badescu, V.Dediu, <i>Mine Water Treatment From Batch Test And Assessment Of Steady State Operation</i> , 6th International Multidisciplinary Scientific GeoConference SGEM 2016, SGEM2016 Conference Proceedings, ISBN 978-619-7105-65-0 / ISSN 1314-2704, June 28 - July 6, 2016, Book5 Vol. 1, 443-448 pp, DOI: 10.5593/SGEM2016/B51/S20.059. (ISI)
	Laurentiu R. Dinu, Ioan Balaiu , Ionut Cristea, Viorel I. Patroescu, Cristiana Cosma, Lucian A. Constantin, Valeriu R. Badescu, Mihaela Alexie, <i>Towards Mining The Mine Water - Recovery Of Aluminium And Manganese</i> , 19th edition of International Symposium "Environment and Industry" Bucharest, Romania, 13-14 of October 2016