

<b>Program</b>	<b>Program NUCLEU PN 09-13 02 09</b>
<b>Project title (ENG):</b>	<b>Researches on the accumulation of substances priority / hazardous soil, water and sediments in the area of complex industrial platform.</b>
<b>Project title (RO):</b>	<b>Cercetari privind acumularea unor substante prioritare/prioritar periculoase in sol, ape si sedimente in zona unei platforma industriale complexe</b>
<b>Duration</b>	2009-2013
<b>Team Leader</b>	Senior Researcher Chem. Mihaela Iordache
<b>Summary (RO)</b> (short description)	Proiectul are ca obiectiv stabilirea gradului de acumulare cu substante prioritare/prioritar periculoase in solul, apa si sedimentele in zona platformei industriale Rm. Valcea. S-au actualizat sursele de poluare generatoare de substante prioritare/prioritar periculoase si s-a evaluat impactul acumularii de substante prioritare/prioritar periculoase asupra ecosistemelor sol, apa/sedimente in zona platformei industriale Rm. Valcea.
<b>Summary (ENG)</b> (short description)	The project aims to determine the accumulation of substances priority / hazardous in soil, water and sediments in the industrial platform Rm. Valcea. Have been updated sources of pollution generating substances priority / hazardous and was assessed the impact of the accumulation of substances priority / hazardous soil ecosystems, water / sediment in the industrial platform Rm. Valcea.
<b>Dissemination of results</b>	
PhD Thesis – Title RO, ENG	Evaluarea poluarii cu substante prioritar periculoase a ecosistemelor apa si sediment in zona unei platforme industrial complexe si metode de distrugere a poluantilor, Mihaela Petrescu, 2013  Evaluation of priority hazardous substannces pollution of water and sediment ecosystems in the complex industrial platform area and destruction methods of the pollutants.
Full-paper ISI	<b>M. Iordache</b> , A. Meghea, S. Neamțu, L.- R. Popescu, I. Iordache, Evaluation of priority hazardous substances contamination of water and sediment of the Olt river on the industrial platform of Ramnicu Valcea, <i>Revista de chimie</i> , (2014), 65, 1
Full-paper BDI	<b>M. Iordache</b> , I.- V. Branzoi, I. Iordache, G. Dobre, G. Totea, The hazardous substance environmental impact in the industrial area of Rm. Valcea, <i>Progress of Cryogenics and Isotopes Separation</i> [ISSN 1582-2575; 15, 1, (2012) 79-87
	<b>M. Iordache</b> , I.- V. Branzoi, I. Iordache, L. R. Mandoc, M. Taralunga, Variation of the Olt River Quality Into the Industrial Complex Area of Ramnicu Valcea, <i>Progress of Cryogenics and Isotopes Separation</i> , ISSN 1582-2575; 15, 2, (2012) 65-71
	<b>M. Iordache</b> , I. Iordache, L. R. Popescu, D. Costinel, Hazardous substances in water and Sediments of Olt River, downstream from Rm. Valcea, <i>Progress of Cryogenics and Isotopes Separation - ISSN 1582-2575</i> 16, 2, (2013) 117-126
	<b>M. Iordache</b> , L. R. Popescu, A. Meghea, The characterization of priority hazardous substances distribution at the level of abiotic compartments (water/sediment) of the Olt River Basin, in the industrial platform area Ramnicu Valcea, <i>SIMI 2013, The International Symposium Environment and Industry, Bucuresti</i>

Full-paper BDI	<b>M. Iordache</b> , A. Meghea, L.- R. Popescu, N.- G. Dobre, G. Țoțea, Monitoring of priority hazardous substances from an industrial platform area, <i>U.P.B. Sci. Bull., Series B</i> , (2014), Vol. 76, Iss. 2, pag. 179-192
Book, book chapters	-
Conferences (platform, poster, abstract / full-paper)	<b>M. Iordache</b> , M. Taralunga L. R. Mandoc, The Olt river quality into Rm. Valcea industrial aria in 2008, <i>International Symposium – SIMI 2009</i> , volum extenso, Estfalia, Bucuresti, ISBN 978-973-7681-65-2
	<b>M. Iordache</b> , M. Taralunga, L. R. Mandoc, Assess the degree of accumulation of substances priority / hazardous pollutants in soil and sediment sources around the Olt river, upstream and downstream of wastewater discharges from industrial platform Rm. Valcea, <i>International Symposium – SIMI 2011</i> , volum extenso, Bucuresti, ISBN 978-973-7681-65-2
	M. Taralunga, <b>M. Iordache</b> , L.- R. Mandoc, Determinarea gradului de poluare cu substante periculoase in solul,si apa freatica , in sedimentele din raul Olt, din zona platformei chimice Ramnicu Valcea, <i>The XXXII Romanian Chemistry Conference, Rm. Valcea, Romania, 03-05.10. 2012</i>