

Program	Program NUCLEU PN 09 13 02 05
Project title (ENG):	Study regarding risk assessment induced by emissions from soil / subsoil in anthropic polluted areas
Project title (RO):	Studiu privind evaluarea riscurilor induse de emisiile de gaze din sol/subsol in zone poluate antropice
Duration	01.2009- 06. 2013
Team Leader	Senior Researcher geographer. Bogdan STANESCU
Summary (short description) ENG	Through activities in the project was documented, analyzed and identified important elements of the nature and danger of gaseous emissions from soil / subsoil in areas where there are potential sources. By investigating environmental quality components and measurements of gas in wells were obtained analytical data on landfill gas present in the vicinity of municipal landfills. Also it was presented and applied a methodology for assessing the risks induced by gaseous emissions from soil / subsoil in a case study (deposit Giulesti-Sarbi).
Summary (short description) RO	Prin activitatile desfasurate in proiect s-a documentat, identificat si analizat elemente importante privind natura si pericolul prezentat de emisiile gazoase din sol/subsol in zonele unde exista surse potentiale. Prin investigarea calitatii componentelor de mediu si masuratori de gaze in foraje de captare s-au obtinut date analitice privind prezenta gazelor de depozit in vecinatatea unor depozite de deseuri municipale. De asemenea, a fost prezentata si aplicat o metodologie de evaluare a riscurilor induse de emisiile gazoase din sol/subsol in cadrul unui studiu de caz (depozitul Giulesti-Sarbi).
Dissemination of results	
Full-paper ISI	B. Stanescu, M. Petrescu, C. Lehr – Investigation of landfill gases accumulated in underground (soil/subsoil) nearest municipal waste disposals; <i>Journal of Environmental Protection and Ecology (Official Journal of the Balkan Environmental Association – BENA)</i> , V.13, No.4, 2145-2150 (2012)
	B. Stanescu, Gh. Batrinescu, L. Kim – Establishing interrelations between saturated and unsaturated zone premises for studying hazards near municipal landfills. Case study.; <i>Journal of Environmental Protection and Ecology (Official Journal of the Balkan Environmental Association – BENA)</i> , V.14, No.4 (2013)
Conferences (platform, poster, abstract / full-paper	B.Stanescu, Gh. Batrinescu, L. Kim – Vulnerabilities and risks induce by emissions from landfills after closure period. Case study”; <i>International U.A.B. – B.E.N.A. Conference Environmental Engineering and Sustainable Development, Alba Iulia, 2013</i>