**CHARACTERIZATION OF AUTOMOTIVE SHREDDER RESIDUES BEFORE AND FIVE YEARS AFTER LANDFILL DISPOSAL**

**Lucian-Ionel Cioca, Larisa Ivascu**

**“Lucian Blaga” University of Sibiu, Faculty of Engineering, Department of Industrial Engineering and Management, Romania**

**Politehnica University of Timisoara, Faculty of Management in Production and Transportation, Department of Management, Romania**

**lucian.cioca@ulbsibiu.ro****, larisa.ivascu@upt.ro**

Corresponding author: Lucian Ionel Cioca

The results of this paper show that lead seems to be the most critical element in view of possible ASR acceptance in non-hazardous waste landfills because of its high concentration in raw waste and, especially, of its proved leachability characteristics.

* As the corresponding author, I have read all submission instruction and I am responsible for the information inserted in the submission procedure. I assure that the contribution is original and unpublished, and it is not being evaluated for publication by other journal and that it will not be withdrawn from the editorial processes until final decision from the journal’s administration.
* The authors don’t have any competing financial interests that could compromise the integrity of the work.

**The possible reviewers**:

1. Prof. Vincenzo Torretta (University of Trento)

2. Prof. Marco Ragazzi (University of Trento)

**Lucian Ionel CIOCA** received the M.Sc. in Machine Tools (1993) and B.Sc. in Occupational Safety, Health and Work Relations Management (2010). In 2002, he becomes Dr. Eng. (Ph.D degree) of Petrosani University, Romania and now he is professor at "Lucian Blaga" University of Sibiu - Romania, Faculty of Engineering, Department of Industrial Engineering and Management, Romania. His teaching subjects are Ergonomics, Management, Human Resources Management, Occupational Health and Safety Management, Production Systems Engineering. His research fields of interest are linked with the impact of the knowledge based society upon the social / human dynamics / evolution and the production systems. He regularly publishes and participates on international scientific conferences. Lucian Cioca is the Administrator of the LBUS Department of Consulting, Training and Lifelong Learning, Doctoral Advisor in Engineering and Management, Member of the National Council for Attestation of Academic Titles, Diplomas and Certificates, evaluator ARACIS (The RomanianAgency for Quality Assurance in Higher Education), and other (email: lucian.cioca@ulbsibiu).

**Larisa IVASCU** was born on October, 17th 1983 in Resita, Romania. In 2007 she graduated from the Faculty of Computer Science, specializing in Software at Politehnica University of Timisoara. In 2010 she graduated Master in Business Administration, from the Faculty of Management in Production and Transportation. She becomes Dr. Eng. (Ph.D degree, 2013) of Politehnica University of Timisoara - Romania and now she is assistant at Politehnica University of Timisoara - Romania, Management Faculty, Department of Management. Her teaching subjects are Risk Management, Occupational Health and Safety, Sustainability, and Computer Science. She regularly publishes and participates on international scientific conferences. After graduation she worked in the IT field, giving up this position in favor of specialization in the field of technological risk in sustainable enterprises (email: larisa.ivascu@upt.ro).