



**“Gheorghe Asachi” Technical University of Iasi, Romania**



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## THE 8th INTERNATIONAL CONFERENCE

### ENVIRONMENTAL LEGISLATION, SAFETY ENGINEERING AND DISASTER MANAGEMENT

***ELSEDIMIA 2010***

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The ELSEDIMIA International Conference “Environmental Legislation, Safety Engineering and Disaster Management” is a well established event, coming to its 8<sup>th</sup> edition in 2010. This edition was organized by the “Babeş-Bolyai” University of Cluj-Napoca - Faculty of Environmental Science and Engineering, together with the Ministry of Interior and Administrative Reform - General Inspectorate for Emergency Situations and the Disaster Preparedness and Prevention Initiative for South – Eastern Europe. The event gathered 150 participants from various target groups such as academics, industry, competent authorities, civil society and local community.

The conference encouraged the dialogue between the stakeholders involved in disaster risk reduction, emergency situations management, and mitigation of the consequences of extreme natural phenomena and technological accidents. The purpose of this scientific event was to line up the current interest topics to the European Commission’s approach on the prevention of natural and man-made disasters which sets out an overall disaster prevention framework and proposes measures to minimize the impacts of disasters.

The event facilitated the development of a necessary network of experts and organizations to work at local, national and international level to mitigate the impact of climate changes and disasters upon the local communities.

The interdisciplinary character of the presentations opened new perspectives of future cooperation in the field of environmental risks, in the context of increasing number of environmental terrorism incidents and catastrophic events resulting in the loss of human lives and material damages.

During the three days of the conference, there were presented 10 plenary lectures, 44 oral presentations and 24 poster presentations, of which, after subjecting them to a rigorous peer-review process, the Scientific Committee of the conference has chosen 12 papers to be published in this special issue of the *Environmental Engineering and Management Journal*.

We would like to thank the authors for their excellent work, the reviewers for their extraordinary patience and the journal editors - Professor Matei Macoveanu and Professor Maria Gavrilescu - for their careful and professional review and editing of the papers.

We also thank Dr. Doina Nicolae for the help in preparing the papers for this special issue and the dean of the Faculty of Environmental Science and Engineering, Prof. Călin Băciu, for the support provided in organizing the two scientific events hosted by our institution in October 2010.

**Professor Alexandru Ozunu**

**ELSEDIMA**  
8th Edition

*“Environmental Legislation,  
Safety Engineering and Disaster Management”*

21ST - 23RD OCTOBER 2010, CLUJ-NAPOCA

EDITIONS

**ELSEDIMA I - 2001**

The **ELSEDIMA** Conference is already a consecrated name. Babeş-Bolyai University, in cooperation with the Regional Center for Major Industrial Accidents Prevention (CRAIM), within the previous editions of the Conference of environmental legislation, safety engineering and disaster management, managed to bring together experts belonging to different fields of activity by the specific approached themes...

**ELSEDIMA II - 2002**

The second edition of the international conference **ELSEDIMA-RO 2002**, took place in the Aula Magna hall of the „Babeş-Bolyai” University from Cluj-Napoca, as well as in the amphitheatre of the Environmental Protection College of „Babeş-Bolyai” University, in Turda...

**ELSEDIMA III - 2003**

The third edition of the **ELSEDIMA-RO, 2003** International Conference developed in Căciulata, the debate of the papers took place in the Hotel Complex Călimăneşti-Căciulata between 28 and 30 of August...

**ELSEDIMA IV - 2004**

“Babeş-Bolyai” University - Faculty of Environmental Sciences, has organized, in co-operation with Regional Center for Major Industrial Accidents Prevention (CRAIM) and the Disasters Preparedness and Prevention Initiative (DDPI) from the Stability Pact for South-Eastern Europe, the Romanian Civil Protection Command, The Ministry of Environment and Water Management, the Civil Protection Command Inspectorate Cluj, the Research Institute of Analytical Instrumentation, ICIA Cluj-Napoca, the Romanian Waters Administration, the International Conference: „Environmental Legislation, Safety Engineering and Disaster Management” the 4<sup>th</sup> edition...

**ELSEDIMA V - 2006**

ELSEDIMA-RO V (2006) Quality and environmental safety management represents a field of interest in research, regarding especially the following: Implementation of the APELL programme in Romania; Disaster management in the context of the Seveso Directives; Safety, health and environment; Decision making for ensuring the environmental quality...

**ELSEDIMA VI - 2007**

ELSEDIMA-RO VI (2007) was held in Sibiu, on 15-16 May and gathered representatives of the government, researchers and economic agents. There participated foreign and Romanian guests, and gave plenary lectures...

**ELSEDIMA VII - 2008**

ELSEDIMA-RO VII (2008) was held in “Babeş-Bolyai” University in Cluj-Napoca, on 17-18 October and its organizers were: “Babeş-Bolyai” University in Cluj-Napoca; Environmental Sciences Department; Ministry of Interior and Administrative Reform - General Inspectorate for Emergency Situations; The International Emergency Management Society...

