



Ö K O P O L I S Z

K L A S Z T E R

International Conference On Emergency Management Technology

ICEMT 2011

## **Development of European Union public administrative procedures for the reduction and management of environmental hazards**

Recovery of the red sludge disaster as experienced by the Hungarian public administration, civil protection, science, media and economy

May 23-25, 2011

Budapest, Veszprem - Szekszard

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Opinion on the conference: The conference was very interesting, a platform for newest ideas to be applied in the field of environmental quality monitoring, emergency procedures in the transboundary context of accidental pollutions. The warmly guests provided an excellent lucrative framework, in which the environmental approaches were shared by all participants, converged to a common risk understanding of a sustainable industrial activity, friendly both for local inhabitants and surrounding environment. Kolontár and Devecser localities practical visit study of rehabilitation following the NATECH (Technical disaster caused by a Natural hazard) unfortunately event from 04.10.2010, revealed the capacity building of the central, regional and local Hungarian authorities, facing a major challenges to a complete rehabilitation of the affected areas.

The know-how resulted following the rapid intervention for clean up the impacted area of the industrial NATECH event from the tailing dam with toxic caustic red sludge from Ajka tailing dam, respectively the onsite auto-monitoring laboratory for surface water quality and the air particle (PM10) analyzer for heavy-metals, developed by the Hungarian environmentalists, should be applied in common transboundary environmental monitoring projects, with downstream countries including Romania, in order to facilitate the rapid implementation of the Hungarian past disaster experience in a faster rehabilitation of the industrial accident polluted impacted areas. The clean up techniques used to lower the increased pH of the red sludge and to settle down the heavy metals within the processed alumina sludge, should constitute a model for similar industrial plants, within EU Member States and candidate countries, as a part of their emergency intervention Plans in case of industrial accidents.