



***ICEEM/03 – ENVIRONMENTAL MANAGEMENT
SECTION***

***Environmental Integrated Management and
Risk Management***

**ENVIRONMENTAL RISK PRIORITIZATION IN
MANAGEMENT**

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Abstract

To take decision for decommissioning, keeping or developing industrial facilities is a decision making process based on site pollution assessment which exists or is predicted in a corresponding area of interest. The paper takes useful ideas from Rough Sets Theory (abbreviation: RST) and applies them to a method used to perform environmental risk prioritization. The proposed method can be applied to a zone made of a geographical areas or regions sharing in common different characteristics such as counties. The obtained results will show the overall picture of existent pollution in the corresponding areas as a consequence of existing or predicted industrial developments using minimal consistent data to make the risk prioritization.

Keywords: Rough Sets Theory, environmental, risk prioritization
