

Editor's Introduction

The present issue of *Journal of Risk analysis and Crisis Response (JRACR)*, Volume 1, Issue 2 (2011) contains 8 papers. The former 2 contributions are written in English and others in Chinese with English abstracts. The papers can be divided into six categories: industry safety, internet of intelligences, investment risk, environmental risk, disaster risk and food safety risk.

In the first category, the paper “Efficient Applications of Risk Analysis in the Chemical Industry and Emergency Response” by Roberto Bubbico, presents some of the most common applications of the Risk Analysis technique in the industrial sector and in the civil protection and emergency planning area. The paper “Risk Management in Process Industry - Practical Approach in Poland” by Kozak, presents the weak points of risk management procedures in the process industry during hazard and operability study. A technical assessment of the industrial environment and installations is proposed as a background to RBI procedures.

The second category, the “Internet of Intelligences in Risk Analysis for Online Services” by Huang, proposed a new concept “internet of intelligences” (IOI). An IOI collects and processes the information provided by the agents with experiences and judgment in a risk. It serves for the customer who hasn't any experience in a specific risk. The online services of IOI can help us, such as choosing health foods, correctly filling in the college candidate voluntary and guaranteeing love affairs more romantic.

The paper in the environmental risk category is “Environmental Risk Discrimination and Assessment for Municipal Solid Waste Secure Landfill Site” by Cao. It summarizes the risks in waste secure landfill site, including water environment risks, air environment risks and waste pile sliding risks, which are results caused by anthropogenic, equipment and natural factors.

There are two papers in the investment risk category, the paper “The Errors Estimate of the Multistage Combined Investment Risk Assessment” by Zhou and Yu, discusses the estimation of the errors from the simple average method and the general MCIRA model. Meanwhile, the mathematics analysis techniques are applied to determine the existent maximum of the errors square sum of the general MCIRA models. The paper “Research on Model for Evaluating Risks of Venture Capital Projects” by Li and Zhou, establishes an index system for evaluating the risks of venture capital projects and presents a model for evaluating the risk degree of single venture capital project by applying a hierarchy process and the EWAA operator.

In the disaster risk category. The paper “The Research of a Hail Risk Evaluation under Imperfect Information” by Wang, Zhou and Du, sets up a hail risk evaluation method and utilizes a nonlinear finite element analysis software to simulate the case that hails dash on the steel body and glass material to evaluate hail risks. The paper “Dynamics of Urban Fire Correlations with Detrended Fluctuation Analysis” by Wang, Sun and Lo, uses the detrended fluctuation analysis to study the long-range correlations of urban fires in both small and large spatial scales with a case of Chinese city. It is found that the time series of direct economic loss caused by urban fires presents stable anti-power law correlations, while the time interval series of urban fire occurrence presents persistent long-range power-law correlations with two scaling exponents.

The last category includes one paper “Study on Food Safety Risk Analysis under the Condition of Traditional Agriculture” by Yin, Gao and Pei, discusses the problems of food safety and suggests a framework to analyze food safety risk under the condition of traditional agriculture.

As a new international journal, JRACR will to attract various contributions in risk analysis (RA) and crisis response (CR) from authors around the world in sharing their research findings and experience. Let us work hard to construct a safety world!

Editor-in-Chief
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