



DOI : [http://dx.doi.org/10.14505/jemt.v8.1\(17\).25](http://dx.doi.org/10.14505/jemt.v8.1(17).25)

Organizational and Economic Basis of Natural and Man-Made Disasters Consequences Management

Olexandr TELIZHENKO
Sumy State University, Sumy, Ukraine
altel@ukr.net

Yuliia MASHYNA
Sumy State University, Sumy, Ukraine
Yuliyamashyna@gmail.com

Yuliia OPANASYUK
Sumy State University, Sumy, Ukraine
juliaop1982@gmail.com

Suggested Citation:

Telizhenko, O., Mashyna, Y., Opanasyuk, Y. 2017. Organizational and economic basis of natural and man-made disasters consequences management. *Journal of Environmental Management and Tourism*, Volume VIII, Spring, 1(17): 270 - 278. DOI:10.14505/jemt.v8.1(17).25

Article's History:

Received November, 2016; Revised December, 2016; Accepted January, 2016.
2017. ASERS Publishing©. All rights reserved.

Abstract

The article considers economic essence and factors of natural and man-made disasters economic consequences. Theoretical and methodological principles of organizational and economic mechanism of disasters consequences management are developed. Scientific and methodological approach to the assessment of ecological and economic damages from natural and man-made disasters by rapid method is presented. Reserve fund means distribution mechanism of State budget of Ukraine for prevention and compensation of natural disasters consequences on the basis of region economic potential decrease is developed. The mechanism of branch compensation funds formation is offered, taking into account the probabilistic nature of disasters occurrence on the basis of specific damages indices system, which permits to minimize budgetary expenditures for disasters prevention and elimination.

Key words: economic consequences, territory potential, natural disaster, risk, system of budgetary and financial, instruments, inter-budgetary transfers, man-made disaster, ecological and economic damage

JEL Classification: Q510, Q520, P28

Introduction

According to *International Convention on Major Industrial Accidents Prevention* (1993), *Convention on Transboundary Effects of Industrial Accidents* (1992), *Tampere Convention on Provision of Telecommunication Resources for Disasters Mitigation and Relief Operations* (1998) and *Framework Convention on Civil Defense Assistance* (2000), the most important direction of serious disasters consequences reduction is development and improvement of the security level assessment methods for enterprises and territories with the aim of the risk and expenses prediction for natural and man-made disasters consequences prevention and elimination. These documents form the world countries policy in order to prevent accidents and disasters and witness the fact, that