IBIMA Publishing Communications of International Proceedings https://ibimapublishing.com/p-articles/39ECO/2022/3934622/ Vol. 2022 (13), Article ID 3934622

Selected Problems of Disaster Theory*

Jaroslav SLEPECKÝ College of European and Regional Studies, Department of Law and Security Studies, Ceske Budejovice, Czech Republic

Jiří DUŠEK College of European and Regional studies, Management and Marketing Services Department, Ceske Budejovice, Czech Republic

Correspondence should be addressed to: Jiří DUŠEK; dusek@vsers.cz

* Presented at the 39th IBIMA International Conference, 30-31 May 2022, Granada, Spain

Copyright © 2022. Jaroslav SLEPECKÝ and Jiří DUŠEK

Abstract

In the article, the authors analyse the problems of the disaster theory as a very important scientific discipline, which was greatly underestimated in the past. The mathematically demanding singularity theory of smooth mapping and the theory of bifurcations of dynamical systems make it difficult to use in practice. The authors present a mathematical model of the disaster theory and suggest its potential application mainly in disaster economy.

Keywords: Bifurcation, economy, disaster economy, disaster, mathematical model of a disaster, disaster theory, singularity theory.

Cite this Article as: Jaroslav SLEPECKÝ and Jiří DUŠEK, Vol. 2022 (13) "Selected Problems of Disaster Theory," Communications of International Proceedings, Vol. 2022 (13), Article ID 3934622.