THE INTERNATIONAL SYMPOSIUM OF DISASTER & EMERGENCY – INFORMATION & INTERVENTION (SODEII 2022) PROCEEDING BOOK

Editors:

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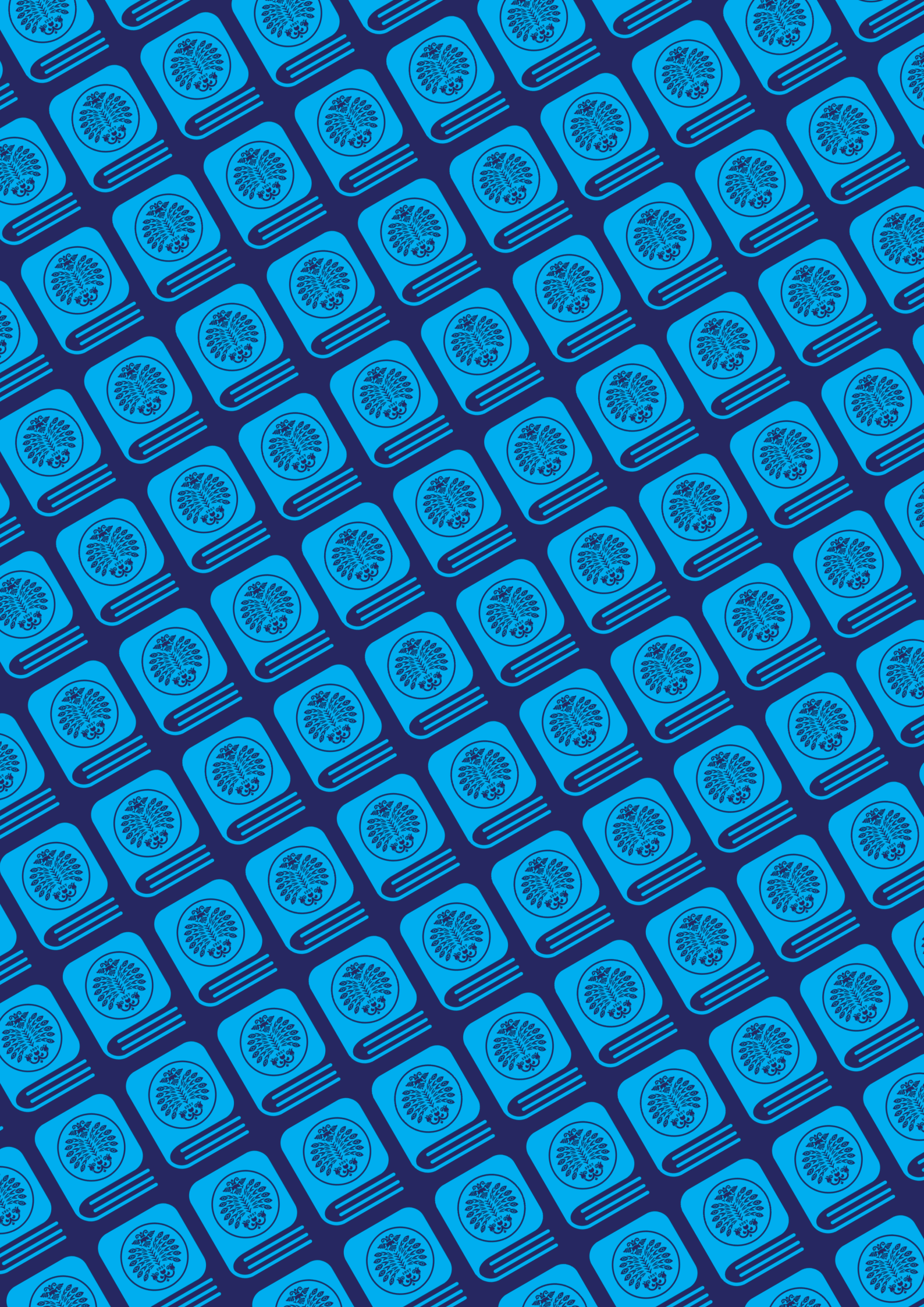

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PREFACE

Information is the most important fact of our age, as well as a source of power and capital. It is inevitable for it to exist actively in every aspect of our lives. Especially in large-scale disaster situations, the importance of information is felt more. Because lack of information can lead to increased loss of life and property. More than 18000 of people lost their lives in the 1999 İzmit earthquake. About 6,000 people are missing; Whether they were pulled from the wreckage, whether they were alive or not, and much more is unknown. This teaches that planning should be made about how to manage information while preparing for disasters. It is important to collect information not only about the disaster victims, but also about the disaster itself and everything it affects, to deliver this information to the necessary places in a timely manner, to analyze it carefully and to be better prepared for the next disasters.

Information about the disaster and the victims should not be lost, should be brought together and associated with each other at the time of the event or later. First of all, it is necessary to determine what information will be collected and must stored. Then, how the information will be collected and how it will be brought together should be determined, and issues such as how the information will be associated with each other and which analyzes can be made should be considered. These issues will also be effective in planning the necessary division of labor and organization during the intervention.

When we look at the whole event, it can easily be seen that we are faced with an interdisciplinary study subject for which a single science or field of study will not be sufficient. The first ones that come to mind from these areas are; Disaster Management, Emergency Medicine, Management Information Systems, Computer Engineering and Statistics.

The International Symposium of Information Management and Response in Disaster and Emergencies was organized within Atatürk University Open Education Faculty and with the support of Atatürk University Rectorate. Academicians and expert speakers from six different countries, Turkey, UK, USA, Netherland , Switzerland and Bulgaria participated with their epeech and presentations to the symposiom. The intemational symposium lated for 5 sessions via 2 days. There were 25 oral presentations at the symposium. A total of 51 researchers attended the symposium, In this booklet, we aimed to share the symposium speeches and presentations with you.

We wish you healthy, desasters free, good days.

International Information Management and Response in Disaster and Emergencies Symposium Committee

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FULL TEXTS OF SPEECH



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CLIMATE CRISIS AND DISASTER RISK FINANCING

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ABSTRACT

The climate crisis, which has emerged as a result of the destruction of humanity on nature in recent years, is a subject that is emphasized more than ever before. The issues raised under the umbrella of the climate crisis are very important for the continuity of life in nature. Changes in the climate have brought along natural disasters, the frequency of which has increased in recent years. In our country, 984 disasters occurred in 2020 with the effect of climate change. This number has been recorded as the highest number of natural disasters since 1940. The requirements of protecting nature and the steps to be taken in order to minimize the negative changes in the climate are tried to be taken with the joint work of many countries. Individuals and institutions, on the other hand, apply to insurance institutions in order to be protected from the negative effects of natural disasters that are experienced so frequently. There are many types of insurance, depending on the types of risks you may face. The recent increase in the type and number of risks has increased the importance of insurance companies. Financially, risk management is aimed at maintaining the rate of return that businesses expect from their investments. In this respect, businesses apply to insurance companies in order to protect themselves from risks in many respects. Insurance companies, which ensure the reduction of losses in different adverse situations, are vital institutions for economic systems. It is very important for these companies to have a strong financial structure in order to fulfill their objectives. In 2021, the trading volume of the Borsa Istanbul Insurance Index was TL 4,614 billion. In our study, the last 5 years' balance sheet data of Türkiye Sigorta, which is the insurance company operating in Borsa Istanbul and has the largest transaction volume, has been analyzed by comparative analysis method. The findings of the study will be shared in the conclusion part.

Keywords: Climate Crisis, Risk Financing, BIST