

## Foreword

3rd International Symposium on Natural Hazards and Disaster Management (ISHAD2019) will be held at 25th and 27th of October, 2019 in Van through the collaboration of Academic Platform, Van Yüzüncü Yıl University, Sakarya University of Applied Sciences and Karabük University and with the support of Van Provincial Directorate of Disaster and Emergency.

First, we express our utmost gratitude to the Prof. Dr. Hamdullah ŞEVLİ (Van Yuzuncu Yil University, Turkey, Rector), Prof. Dr. Mehmet SARIBIYIK (Sakarya University Of Applied Sciences, Turkey, Rector), Prof. Dr. Refik POLAT (Karabuk University, Turkey, Rector), for their patronage and support to organize this international event.

We strongly hope that this symposium, ISHAD2019, provides a unique atmosphere for the academicians world-wide to share and discuss the issue of natural hazards, disasters and their management so that a strong cooperation among the universities and scientists is achieved on the international level. This symposium is also thought to be an excellent opportunity to create a reliable interpretation of scientific findings by examining the different dimensions and aspects of the fields of natural hazards and disaster management.

The total number of full papers submitted was 44 from 6 different countries and 14 institutions. The ISHAD2019 Program Committee has organized an exciting program that includes 6 sessions on the following themes: Disaster Logistics Planning and Coordination, Disaster Sensitive Urbanization, Computer and Information Technology on Disasters, Earthquake Resistant Structures, Risk Analysis and Disaster Management in Natural Disasters, Hydro-Meteorological Disasters, Climate Change, Chemical, Biological, Radiological and Nuclear Risks, Seismic Hazard Analysis, Civil Defense, Transportation Network Security and Reliability, Fire, Soil Problems, Disaster Communication, Disaster and Health Management.

The proceedings consist only of papers that have not previously been published. All papers have undergone a detailed peer-review process and were selected based on rigorous standards. The papers were presented by the authors or co-authors and discussed in highly interactive sessions.

Prof. Dr. Naci CAGLAR  
On behalf of the Organizing Committee