Preface

The International Conference on Disaster Management 2018 (ICDM 2018) is a premier forum for the presentation of new advances and research results in the field of Disaster Management. The ICDM 2018 is an activity in PIT5-IABI 2018 on May 2-4, 2018 at Andalas University, Padang City, West Sumatera, Indonesia which is organized by Andalas University (UNAND), Indonesian Disaster Expert Association (IABI), and Indonesia National Disaster Management Authority (BNPB).

The conference will bring together leading researchers, engineers, architects, scientists, and other professionals in various disciplines of social science and engineering around the world related with disaster. The ICDM 2018 conference aims to establish scientific link at international level for sharing and disseminating valuable information of the latest research activities in Disaster management.

While much encouragement and progress on the disaster risk reduction, the disaster is still a huge global problem today. Around 127 scientific papers were submitted on the conference, and ICDM finally accepted 82 papers after a double blinded peer review process by conference committee members and professionals reviewers. The papers selected for the proceedings depended on their quality and their relevance to conference. Divided into 4 chapters, the papers related to disaster including understanding disaster management, strengthening sustainability development, enhancing the framework for sustainability and improving lesson learned in disaster management.

The event was held with presentations delivered by researchers and scholars from the international community, including keynote speeches and highly selective lectures. The proceedings included papers which were from universities, research institutes and industries.

Eight keynote speeches were presented from Prof. Richard Haigh (Huddersfield Univ, UK - Co-Director of the Global Disaster Resilience Centre at the School of Art, Design and Architecture.), Prof. Eun Chul Shin (Inchon National University, South Korea, Vice President of ISSMGE for Asia), Prof. Abdul Hakam (Center for Disaster Studies, Andalas University, Indonesia), Dr. Harkunti Pertiwi Rahayu (Bandung Institute of Technology), Prof. Dwikorita Karnawati, M.Sc, Ph.D (Head of Meteorological Climatological and Geophysical Agency, Indonesia), Prof. Louise Comfort (Professor of Public and International Affairs and Director, Center for Disaster Management, University of Pittsburgh), and Prof. Dilanthi Amaratunga (Huddersfield Univ, UK - Director of the Global Disaster Resilience Centre at the School of Art, Design and Architecture) and Taufika Ophiyandri, Ph.D (Engineering Faculty, Andalas University, Indonesia) as Moderator. All the talks were very impressive for the high level of professionalism, and in many cases original ideas and activities have been accomplished or proposed.

Four invited speeches were presented from Prof. Savaranan Sabarrayan (National Institute of Technology, Trichy, India), Dr. Teddy Boen (World Seismic Safety Initiative), Dr. Philip Glassey (GNS Science, New Zealand), Dr. Denny Hidayati (Bandung Institute of Technology, Indonesia)

The credit for the success of the conference is to be shared with many colleagues. First and foremost, the keynote speakers, invited speakers, technical program committee members gave precious inputs and were always side by side with the organizers.

We are also indebted to session chairs, professionals reviewers, conference secretariat who dedicated to make the conference run smoothly and properly, and ensure the proceedings quality.

Last but not the least, we should express our thanks to all authors and participants at ICDM 2018, who showing the high level of international interest in the subject. It is exactly your participation that make the conference to its success.

Yours Sincerely

Conference Organizing Committee
October 07, 2018