



ICINDM

2022



Al al-Bayt University

The 2nd International Conference on Integrated Natural Disaster Management (ICINDM-2022) at
Jordan
July (13-15), 2022

I. CONFERENCE INTRODUCTION

Disasters continue to occur more frequently and with more devastating effects in rich and poor countries. Smaller-scale disasters, which are often cyclical and include droughts, floods and extreme temperatures, are also increasing. Small but recurrent disasters often cause more cumulative negative effects than larger disasters, but they receive less international attention and fewer resources. Disasters are not only increasing in number; they are becoming more multifaceted. The effects of climate change, environmental degradation, economic inequality, population growth, political unrest and migration have weakened community resilience in many countries.

Jordan's natural hazards profile is characterized by seismic activity, flash flooding, drought and desertification. In view of the range of natural hazards, high vulnerability and low coping capacities of the population, Jordan requires an integrated approach to disaster risk management and reduction. The vulnerability of the Jordanian society and economy to natural hazards and climate change induced disasters owe to the limited proactive approach to disaster prevention and mitigation, insufficient institutional capacities at the national and local levels, lack of trained human resources, lack of awareness amongst senior officials and communities about disaster preparedness, and unsatisfactory implementation of existing policies. Jordan as many other countries, still concentrate their efforts mainly on the response stage of disasters, this could be ascribed to the great involvement of the military and para-military organizations in managing the disaster. The new paradigm of the disaster risk management is moving from reactive to proactive approach i.e. deal with equal efforts before (monitoring, mitigation, prevention and reduction), during (response) and after (rehabilitation and evaluation).

Selected papers presented at this conference will be considered for publication in international peer-reviewed journals. Al al-Bayt University will organize this conference in cooperation with UNDP.

II. CONFERENCE THEMES

- Natural disasters

- ✓ disasters associated with climate change
- ✓ Early Warning Systems for Disaster Management.
- ✓ Energy, water, food, and poverty nexus in the face of climate uncertainty.
- ✓ Water resource management.
- ✓ Water security and environment.
- ✓ Modeling environmental change.
- ✓ Financing in water resource management.
- ✓ Early Warning Systems for Disaster Management.
- ✓ Na-Techs and natural hazard threats to critical infrastructure.
- ✓ multifaceted disaster and cascading disasters
- ✓ the development of disaster risk reduction strategies and techniques
- ✓ discussion and development of effective warning and educational systems for risk management at all levels
- ✓ vulnerability analysis and vulnerability trends
- ✓ emerging risks
- ✓ resilience against disasters

- Refugees and Displaced

- ✓ How to cope with refugees and displaced persons in disasters
- ✓ Monitoring and managing long-term impacts of disaster and possible measures of protracted displacements.
- ✓ Risk management of Heritage sites.
- ✓ Disaster restoration, revitalization, and re-growth and construction.

- Biological Hazards

- ✓ Effective financial mechanisms to limit the Disaster Risk.
- ✓ COVID-19 Epidemiology, impact and responses
- ✓ Personal protective equipment
- ✓ Microbiological risk assessment
- ✓ Digitalization in health
- ✓ Fast COVID-19 Pandemic Response

III. IMPORTANT DATES:

- | | |
|--|----------------------|
| ✓ <i>Deadline for Abstract Submission</i> | <i>15/02/2022</i> |
| ✓ <i>Notification of Abstract Acceptance</i> | <i>05/03/2022</i> |
| ✓ <i>Deadline for Full-paper Submission</i> | <i>05/05/2022</i> |
| ✓ <i>Notification of Paper Acceptance</i> | <i>25/05/2022</i> |
| ✓ <i>Camera Ready Version Submission</i> | <i>01/06/2022</i> |
| ✓ <i>Conference Dates</i> | <i>13-15/07/2022</i> |

V. ADVISORY COMMITTEE:

- ✓ Prof. Hani Aldmour, AABU President
- ✓ Brg. Eng. Hatem Jaber, CD/PSD
- ✓ Prof. Anthony J Ryan, The University of Sheffield
- ✓ Prof. Bassam Al-Mahasneh, AABU
- ✓ Prof. Osama Nusair, JUST
- ✓ Dr. Nidal Al-Ouran, UNDP
- ✓ Prof. Moayyad Shawaqfah ,AABU
- ✓ Dr. Saud Quran, Expert
- ✓ Prof. Kamel Al-Zboon, ABU
- ✓ Prof. Moansour Matarneh, UoJ
- ✓ Gen. (retired), Dr. Marwan Bader

VI. ORGANIZING COMMITTEE:

- ✓ Chairman: Prof. Moayyad Shawaqfah ,AABU
- ✓ Co-Chairman: Dr. Saud Quran, Expert
- ✓ Co-Chairman: Dr. Fares AlMomani, QU
- ✓ Vice-Chairman: Dr. Rami Shawabkah, AABU
- ✓ Vice-Chairman: Dr. Ali Nouh, AABU
- ✓ Dr. Reem Al-Zoubi, AABU
- ✓ Prof. Mohammad Al-Farjat, Al Hussein bin Talal University
- ✓ Dr. Omar Al-Zoubi, AABU
- ✓ Dr. Mohammad Al-Hadab, AABU
- ✓ Dr. Deaa Aldeen AlSreheen , AABU
- ✓ Dr. Raid Arrhaibeh, AABU
- ✓ Eng. Rana Al-Saleh, UNDP
- ✓ Eng. Duha Olimat, AABU
- ✓ Eng. Mohammad Malkawi
- ✓ Mr. Ahmad Adamat
- ✓ Mrs. Ghadah Shawaqfeh, AABU

VII. SCIENTIFIC COMMITTEE

- ✓ Prof. Tom Boving, URI, USA
- ✓ Prof. Anwer Jerius, Mutah University
- ✓ Prof. Ahmad Al-Salymeh, UoJ
- ✓ Prof. Rebhi Damseh, ABU
- ✓ Prof. Fares Al-Momani , Qatar University, Qatar
- ✓ Prof. Messaoud DJEDDOU, Algeria
- ✓ Prof. Fayes Abdullah, JUST
- ✓ Prof. Ziad Al-Ghazawi, JUST

- ✓ Prof. Ahmad Al-Bdour, HU
- ✓ Prof. Reyad Al Deweri, TU
- ✓ Prof. Manar Al-Azzam, AABU
- ✓ Prof. Mohammad Bashtawi, AABU
- ✓ Prof. Amer Alomary, AABU
- ✓ Prof. Hani Alamoush, AABU
- ✓ Prof. Rida Al Adamat, AABU
- ✓ Prof.Dr.Zainab Bahaa Mohammed, University of technology, Iraq
- ✓ Prof. Sura Al-Harahsheh
- ✓ Dr. Mohammad Shawaqfeh, King Saud Bin Abdulaziz University for Health Sciences, KSA
- ✓ Dr. Marwan Alraggad, IWRM
- ✓ Dr. Ahmad Khatatbeh, AABU
- ✓ Dr. Saad Alayyash, AABU
- ✓ Dr. Randa Al-Hatamleh , YU
- ✓ Dr. Muheeb Awwadeh, YU
- ✓ Dr. Abdallah Rawabdeh, YU
- ✓ Dr. Zain Alhawari, AABU
- ✓ Dr. Mohammad Bdran, UNDP
- ✓ Dr. Majed Al-Harahsheh, AABU
- ✓ Dr. Akef Alfuqara , AABU
- ✓ Dr. Atef Al-Mashaqbeh, AABU
- ✓ Dr. Mohamman Najeeb. TU
- ✓ Dr. Amjad Shatnawi, AABU
- ✓ Dr. Aya Musmar, PU
- ✓ Eng. Nooraldeen AlFarajat, Aqaba Development Company

VIII. CONFERENCE FEES AND REGISTRATION

- 300 (USD) for Early Registration (before 1/7/2022)
- 350 (USD) for Late Registration
- 50 (USD) for Student

VIII. FOR MORE INFORMATION PLEASE CONTACT

Prof. Moayyad Shawaqfeh
 The Chairman of the organization Committee
 President Assistant for Crises Management
 P.O. Box 130040
 Al Mafraq 25113, Jordan
 Phone:+962-2-6207000 ext. 6110
 Mobile: +962 79 6666 277
 e-mail: DCM_Center@aabu.edu.jo
 web: <https://www.aabu.edu.jo/en/Centers/ICINDN/Pages/default.aspx>