

« International Colloquium on Seismic Risk Reduction »

May 20th, 2023

Plenary session

| | |
|------------------------|--|
| 08:30 - 09:00 | Welcome and Registration |
| 09:00 - 09:05 | Quranic recitation |
| 09:05 - 09:10 | National anthem |
| 09:10 - 09:20 | Opening speech of the day Mr.AïmeneBENABDERRAHMANE, Prime Minister of Algeria |
| 09:20 - 09:30 | Welcome speech Mr. Mohamed Tarek BELARIBI, Minister of Housing, Urban Planning and the City |
| 09:30 - 09:40 | Scientific and Organizational Announcements By the Colloquium moderator |
| 09:40 - 09:50 | Documentary: Seismic Risk Reduction and development strategy |
| 09:50 - 10:10 | Algerian strategy for Disaster Risk Reduction Dr. Hamid AFRA, Research Director, National Delegate for Major Risks(Algeria) |
| 10 :10 - 10 :30 | Status of Disaster and Seismic Risk Reduction: Efforts in the Arab Region Mrs. Mirna ABU ATA, Program Management Officer at UNDRR |
| 10 :30 - 10 :50 | The February 6 Twin Earthquakes in Southeast Türkiye: A Selective Overview Prof.PolatGÜLKAN (Türkiye) |
| 10 :50- 11 :05 | Short break |
| 11 :05 - 11 :25 | New vision of seismic Risk Reduction: Introduction to the CGS Structural Engineering Laboratory Dr. Hakim BECHTOULA, CGS (Algeria) |
| 11 :25 - 11 :45 | Survey and feedback from Türkiye and Syria during February 2023's earthquakes Prof. Mustafa ERDIK (Türkiye) |
| 11:45 - 12:05 | Learning how to build an earthquake safety and resilience mindset: the vital roles of professional and ethical integrity, problem ownership, and governance Prof. Colin TAYLOR (U.K) |
| 12:05 - 12:25 | The integration of geological and geophysical data into the seismic hazard and risk assessment Prof.Mustapha MEGHRAOUI (France) |
| 12:25 - 12:45 | Seismic design of current RC buildings: Field lessons, codes and research outputs Prof. Humberto Varum (Portugal) |

| | |
|------------------------|--|
| 12:45- 13:05 | <i>The BOUMERDES earthquake of May 21, 2003 (M: 6.8) and its impacts. Lesson of a disaster and challenges for prevention</i> Dr. Hamoud BELDJOU DI, CRAAG (Algeria) |
| 13:05- 13:25 | <i>Civil protection experience in post-disaster interventions</i> Col.LALAOUI, DGPC (Algeria) |
| 13:25 - 13:55 | Panel & discussions |
| 13:55 - 15:25 | Lunch + visits to the stands |
| 15:25 - 15:45 | <i>Disaster Resilience of School infrastructure: Addressing the problem at the global scale</i> Prof. Dina D'AYALA(U.K) |
| 15:45 - 16:05 | <i>Modern trends of structural steel design in seismic regions</i> Prof. Charis GANTES(Greece) |
| 16 :05 - 16 :25 | Catastrophe Risk Modeling Dr.Omar KHEMICI (USA) |
| 16 :25 - 16 :45 | Short break |
| 16 :45 - 17:05 | <i>Resilient-informed system for enhanced earthquake disaster risk management</i> Dr. Abdelghani MESLEM (Norway). |
| 17:05 - 17:25 | <i>Post-seismic damage and resilience</i> Prof. Ahmed MEBARKI (France) |
| 17:25 - 17 :45 | <i>International experiences in risk, management and strategies</i> Dr. Fouad BENDIMERAD (USA) |
| 17 :45 - 18:05 | <i>Recent Advances in Seismic Design of New Buildings</i> Prof. Ammar CHAKER(USA) |
| 18:05 - 18 :35 | Panel & discussions |
| 18 :35 - 19:05 | Ad Hoc panel (national and international strategies: Risk Reduction – Algeria DNRM, UNDRR, USA, Türkiye, Portugal, UK, Norway, Italy, Japan, Canada) + 4 walis (Algiers, Boumerdes, Chlef, Mila...) President: Prof. Mohamed Tahar ABADLIA, National Council for Scientific Research and Technologies, (Algeria) Moderator: Prof. Hamid AFRA,National Delegate for Major Risks (Algeria) |
| 19:05 - 19 :35 | Ad Hoc Panel (International Cooperation) President: Mohamed BOUHICHA, General Director, DGRSDT, MESRS (Algeria) Moderator: Mokhtar SELLAMI, National Council for Scientific Research and Technologies, (Algeria) |

May 21st, 2023

Plenary session

| | |
|----------------------|---|
| 09:00 - 09:20 | Evolution of the international strategy for disaster risk management Prof. Djillali BENOUAR(Algeria) |
| 09:20 - 09:40 | How to improve seismic resisting constructions in the BIM Environment Prof. Noureddine BOURAHLA (Algeria) |
| 09:40 - 10:00 | <i>Design of Seismic Base Isolation Structures in the Framework of the Draft of the new Algerian Seismic Design Provision regulation RPA</i> Dr. Mounir NAILI (CANADA) |
| 10:00 - 10:20 | <i>Lessons learned from Japanese earthquakes,</i> Prof.Hirokazu Tatano(Japan) |
| 10:20 - 10:40 | <i>From preliminary evaluations to retrofit design : some recent Italian experiences on R.C. buildings and bridges</i> Dr. Alberto DUSI(Italy) |
| 10:40 - 11:10 | Panel & discussions |
| 11:10 - 11:30 | Coffee break |
| 11:30 - 11:50 | <i>Prospects for Building Resilience in Africa: The African Disaster Mitigation Research Center's Vision</i> Dr. Hesham Hussein Mohamed Moussa(Egypt) |
| 11:50 - 12:10 | <i>Digital twins, IOT and drones : Their use in training and disaster management</i> Prof.Abderrazak RACHEDI (France) |
| 12:10 - 12:30 | <i>Presentation of the disaster post management platform Digital Inspection & Monitoring Assistant DIMA & Virtual Simulator (Digital Twins)</i> Mrs. Nabila TAHRAT(Algeria) |
| 12:30 - 12:50 | Urban vulnerability and resilience Prof.EkremKALKAN(Türkiye) |
| 12:50 - 13:10 | Increased understanding of earthquake hazard since Boumerdes 2003 and maximizing societal impact Prof.Abdelkrim AOUZIA (Italy) |
| 13:10 - 13:40 | Panel & discussions |
| 13:40 - 15:00 | Lunch |

Workshops

| | |
|------------------------|---|
| 15 :00 - 17 :00 | Workshop 1: Seismic hazard and microzoning Presentations: ➤ Seismic Microzonation of Urban Area Based on Seismic Scenarios: Case of the New Town of Sidi Abdallah Dr. Nasser LAOUAMI(Algeria) ➤ Active tectonics and seismic hazard in northern Algeria: State of knowledge and perspectives |
|------------------------|---|

| | |
|---------------|---|
| | <p>Dr. Youcef BOUHADAD (Algeria)</p> <p>President : Dr. Nasser LAOUAMI (Algeria) Co-president : Dr. Abdelhakim AYADI (Algeria) Rapporteurs : Dr. Youcef BOUHADAD et Nouredine MEZOUAR (Algeria) Participants: Researchers, seismologists, urban planners</p> <p>Workshop 2: Earthquake engineering</p> <p>Presentation:</p> <p>Earthquake Scenario: Seismic Risk Prevention and Reduction Tool of Existing Urban areas in Algeria</p> <p>Dr. Mehdi BOUKRI (Algeria)</p> <p>President: Mrs. Nabila TAHRAT (Algeria) Co-president: Dr. Mehdi BOUKRI (Algeria) Rapporteurs: Dr. Mustapha REMKI and Lakhdar BECHEIKH (Algeria) Participants: CTC, BET, Researchers, CNOA, SNIA, designers</p> <p>Workshop 03: Governance and investment in risk reduction</p> <p>President: Prof. Mohamed BOUHICHA (Algeria) Co-president: Mr. Abdelwahab BOULKHIOU (Algeria) Rapporteurs: Mr. Karim ATHMANI, Mrs. Naima TOULOUM (Algeria) Participants: MF, BNH, Deputies, DNRM, DGRSDT, CNRST, ANVREDET, Insurance, DUAC, CNOA</p> <p>Workshop 04: Preparedness and response (Post catastrophic intervention in the framework of seismic resilience)</p> <p>Presentation:</p> <p>Field experience: Boumerdes 2003, Türkiye and Syria 2023</p> <p>Mr. Coln. LALAOUI (Algeria)</p> <p>President: Mr. Coln. LALAOUI (Algeria) Co-president: Mr. SEBOUAI Lotfi, MAECNE (African Mechanism) Rapporteurs : Mrs. Kheira BRADAI (Algeria) Participants: MAE, ANP, DGPC, DGSN, ASAL, CDTA, Red crescent</p> |
| 17:00 - 17:10 | Flashback of the event |
| 17:10 - 18:00 | <p>Restitution and recommendations of the workshops' outcome</p> <p>Mr. Mohamed Tarek BELARIBI, Minister of Housing, Urban Planning and the City</p> |
| 18:00 - 18:30 | Closing ceremony |