

**« International Colloquium on Seismic Risk Reduction »**

**May 20<sup>th</sup>, 2023**

**Plenary session**

<b>08:30 - 09:00</b>	<b>Welcome and Registration</b>
<b>09:00 - 09:05</b>	<b>Quranic recitation</b>
<b>09:05 - 09:10</b>	<b>National anthem</b>
<b>09:10 - 09:20</b>	<b>Opening speech of the day</b> Mr. Aïmene BENABDERRAHMANE, Prime Minister of Algeria
<b>09:20 - 09:30</b>	<b>Welcome speech</b> Mr. Mohamed Tarek BELARIBI, Minister of Housing, Urban Planning and the City
<b>09:30 - 09:40</b>	<b>Scientific and Organizational Announcements</b> By the Colloquium moderator
<b>09:40 - 09:50</b>	<b>Documentary: Seismic Risk Reduction and development strategy</b>
<b>09:50 - 10:10</b>	<b>Algerian strategy for Disaster Risk Reduction</b> Dr. Hamid AFRA, Research Director, National Delegate for Major Risks (Algeria)
<b>10 :10 - 10 :30</b>	<b>Status of Disaster and Seismic Risk Reduction: Efforts in the Arab Region</b> Mrs. Mirna ABU ATA, Program Management Officer at UNDRR
<b>10 :30 - 10 :50</b>	<b>The February 6 Twin Earthquakes in Southeast Türkiye: A Selective Overview</b> Prof. Polat GÜLKAN (Türkiye)
<b>10 :50- 11 :05</b>	<b>Short break</b>
<b>11 :05 - 11 :25</b>	<b>New vision of seismic Risk Reduction: Introduction to the CGS Structural Engineering Laboratory</b> Dr. Hakim BECHTOULA, CGS (Algeria)
<b>11 :25 - 11 :45</b>	<b>Survey and feedback from Türkiye and Syria during February 2023's earthquakes</b> Prof. Mustafa ERDIK (Türkiye)
<b>11:45 - 12:05</b>	<b>Learning how to build an earthquake safety and resilience mindset: the vital roles of professional and ethical integrity, problem ownership, and governance</b> Prof. Colin TAYLOR (U.K)
<b>12:05 - 12:25</b>	<b>The integration of geological and geophysical data into the seismic hazard and risk assessment</b> Prof. Mustapha MEGHRAOUI (France)
<b>12:25 - 12:45</b>	<b>Seismic design of current RC buildings: Field lessons, codes and research outputs</b> Prof. Humberto Varum (Portugal)
<b>12:45- 13:05</b>	<b>The BOUMERDES earthquake of May 21, 2003 (M: 6.8) and its impacts. Lesson of a disaster and challenges for</b>

	<b>prevention</b> Dr. Hamoud BELDJOUDI, CRAAG ( <b>Algeria</b> )
<b>13:05 - 13:25</b>	<b>Civil protection experience in post-disaster interventions</b> Col. LALAOUI, DGPC ( <b>Algeria</b> )
<b>13:25 - 13:55</b>	<b>Panel &amp; discussions</b>
<b>13:55 - 15:25</b>	<b>Lunch + visits to the stands</b>
<b>15:25 - 15:45</b>	<b>Disaster Resilience of School infrastructure: Addressing the problem at the global scale</b> Prof. Dina D'AYALA ( <b>U.K</b> )
<b>15:45 - 16:05</b>	<b>Modern trends of structural steel design in seismic regions</b> Prof. Charis GANTES ( <b>Greece</b> )
<b>16:05 - 16:25</b>	<b>Catastrophe Risk Modeling</b> Dr. Omar KHEMICI ( <b>USA</b> )
<b>16:25 - 16:45</b>	<b>Short break</b>
<b>16:45 - 17:05</b>	<b>Resilient-informed system for enhanced earthquake disaster risk management</b> Dr. Abdelghani MESLEM ( <b>Norway</b> ).
<b>17:05 - 17:25</b>	<b>Post-seismic damage and resilience</b> Prof. Ahmed MEBARKI ( <b>France</b> )
<b>17:25 - 17:45</b>	<b>International experiences in risk, management and strategies</b> Dr. Fouad BENDIMERAD ( <b>USA</b> )
<b>17:45 - 18:05</b>	<b>Recent Advances in Seismic Design of New Buildings</b> Prof. Ammar CHAKER ( <b>USA</b> )
<b>18:05 - 18:35</b>	<b>Panel &amp; discussions</b>
<b>18:35 - 19:05</b>	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...) <b>President:</b> Prof. Mohamed Tahar ABADLIA, National Council for Scientific Research and Technologies, ( <b>Algeria</b> ) <b>Moderator:</b> Prof. Hamid AFRA, National Delegate for Major Risks ( <b>Algeria</b> )
<b>19:05 - 19:35</b>	Ad Hoc Panel (International Cooperation) <b>President:</b> Mohamed BOUHICHA, General Director, DGRSDT, MESRS ( <b>Algeria</b> ) <b>Moderator:</b> Mokhtar SELLAMI, National Council for Scientific Research and Technologies, ( <b>Algeria</b> )

**May 21<sup>st</sup>, 2023**

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

<b>Workshops</b>	
<b>15 :00 - 17 :00</b>	<p style="background-color: #f1c232; margin: 0;"><b>Workshop 1: Seismic hazard and microzoning</b></p> <p>Presentations:</p> <ul style="list-style-type: none"> <li>➤ <b>Seismic Microzonation of Urban Area Based on Seismic Scenarios: Case of the New Town of Sidi Abdallah</b> Dr. Nasser LAOUAMI (Algeria)</li> <li>➤ <b>Active tectonics and seismic hazard in northern Algeria: State of knowledge and perspectives</b> Dr. Youcef BOUHADAD (Algeria)</li> </ul> <p><b>President :</b> Dr. Nasser LAOUAMI (Algeria)  <b>Co-president :</b> Dr. Abdelhakim AYADI (Algeria)  <b>Rapporteurs :</b> Dr. Youcef BOUHADAD et Nouredine</p>

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