

1st National Conference on Major Risks in Civil Engineering : Prevention – Resilience – Management



12 & 13 October 2026

Rocher Noir 1961



Chairman of the Conference

- **Prof. Kadri Mohammed**, M'Hamed Bougara University of Boumerdès

Honorary Chairman of the Conference

- **Prof. Abdelbaki Noureddine**, Rector, M'Hamed Bougara University of Boumerdès
- **Prof. Saidi Mohamed**, Dean, Faculty of Technology, M'Hamed Bougara University of Boumerdès

Scientific Committee Chair

- **Prof. Lazzali Farah**, M'Hamed Bougara University of Boumerdès

Organizing Committee Chair

- **Dr. Nebab Mokhtar**, M'Hamed Bougara University of Boumerdès

About the Conference

Algeria is exposed to a wide range of major natural hazards, including earthquakes, landslides, and floods. These risks pose a significant threat to public safety, the sustainability of infrastructure, and national socio-economic development. The cities of Chlef, Algiers, and Boumerdes—severely affected by devastating earthquakes in 1980 and 2003, as well as floods in 2010—demonstrate the vulnerability of urban areas to natural disasters and highlight the urgent need to integrate prevention and resilience into civil engineering practices. The human, economic, and social impacts of these disasters serve as a stark reminder of the importance of effective risk assessment, management, and mitigation strategies. In this context, RISKGC 2026 aims to provide a platform for scientific and technical reflection where lessons learned from past events can be translated into concrete prevention and risk management strategies. The conference aims to: Analyze and share lessons from past disasters in order to better anticipate future risks; Develop advanced modeling tools and probabilistic approaches to assess structural reliability and performance; Promote a culture of resilience that integrates infrastructure safety, monitoring, and maintenance; Modernize infrastructure engineering practices and governance framework.

Promote cooperation between universities, laboratories, engineering firms, public institutions, and industry in order to establish a coherent national strategy. Position Boumerdes as a living laboratory where the memory of past catastrophes becomes a scientific, educational, and practical driver for innovation. RISKGC 2026 therefore represents a strategic event aimed at strengthening prevention, enhancing resilience, and improving the management of major risks in civil engineering across Algeria.

Conference Topics

•Topic 1 : Seismic risk and performance of structures

- Seismic hazard
- Seismic vulnerability
- Seismic modelling and design
- Seismic isolation of structures
- Repair and retrofitting

•Topic 2 : Geotechnical risks and soil instabilities

- Soil dynamics
- Geotechnical hazards and instabilities
- Soil-structure interaction
- Soil improvement

•Topic 3 : Floods and dam failure

- Hydraulic modelling of floods
- Dam failure and flood wave propagation
- Dam safety, monitoring and risk assessment

•Topic 4 : Risk management and governance

- Seismic risk mitigation and management
- Resilience of structures
- Flood prevention and management
- Codes

Registration Fees

Category	Registration (DZD)
Researchers & Academics	6,000
Students	3,000
Professionals	10,000

Participation fees must be paid after acceptance of the full paper to the following account:

- Name: Université de Boumerdes
- CCP: 3556 96 Clé 07
- RIP: 007 99999 0000355696 21

Once the payment is made, kindly send the transfer receipt to: riskgc2026@univ-boumerdes.dz

Importantes dates

Activity	Deadline
Abstract Submission	June 15, 2026
Abstract Acceptance	June 30, 2026
Full Paper Submission	July 30, 2026
Acceptance Notification	August 31, 2026

Submission Procedure

All authors must register and submit their abstract first, and after acceptance, submit the full paper, using the official conference template, via the official conference website: <https://ncsghce2026.sciencesconf.org/>

Contact

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Conference Venue



Scientific Committee

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Prof. Afra Hamid	DNRM, Alger
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Dr. Cheriet Fayssal	UZA, Djelfa

Organizing Committee

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