



Peopel's Democratic Republic of Algeria  
Ministry of Higher Education and Scientific Research  
University Mohamed Boudiaf M'sila



City, Environment, Hydraulics  
and Sustainable Development Laboratory

## Certificate of Participation



The Chairman of the Scientific Committee of the International seminar on Natural Risks,  
Urban Territory Management and Analysis Tools "The Advantages of Artificial Intelligence"  
held at Mohamed Boudiaf University, M'Sila, on December 16, 17 and 18, 2024,  
testifies that **Morad BENAICHE**

participated in the activities of the seminar with a communication entitled:

**Modélisation et identification des zones vulnérables à l'érosion des sols dans le sous-bassin versant de l'oued Boussellam en Algérie : Application du modèle EPM et du processus d'analyse hiérarchique AHP**

**Co-author: Elhadi MOKHTARI , ALI BERGHOUT**

President of the seminar

Chairman of the Scientific Committee

مدير المختبر  
الأستاذ: رجمان

