



Peopl'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 **خرخاش عفاف**

participated in the activities of the seminar with a communication entitled:
التغيير المناخي في ولاية المسيلة - تأثيرات بيئية و اقتصادية واجتماعية

President of the seminar



مدير المخبر
الأستاذ: رجم علي

Chairman of the Scientific Committee

فكتور بوعنبر