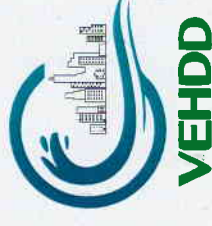


Peopel's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research
University Mohamed Boudiaf M'sila



**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 **Mohammed Lakhdar NEBBAR**

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

The risk of damaging the open channels at a critical flow: Case of an open triangular shaped-channel

President of the seminar



مدير المخبر
الأستاذ: رجم علي

Chairman of the Scientific Committee