



Ministry of Higher Education and Scientific Research  
Badji Mokhtar – Annaba University  
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# PARTICIPATION CERTIFICATE

The organizing committee chair of the  
1<sup>st</sup> International Conference On Civil and Earthquake Engineering  
(ICCEE2023) December 12 - 14 - 2023 in Annaba, Algeria

Certify that: *M. Lammari*

has actively participated in the conference with poster presentation entitled:  
**Impact of the integration of bio-materials on the sustainability of raw earth bricks**

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