

### Liste des Publications Internationales 2023

1. A. Boubakeur, **B. Menadi**, O. Kouider-Djelloul, S. Kenai, "Combined effect of ground granulated blast-furnace slag and metakaolin on the performance of recycled self-compacting concrete", *MRS Advances* (2023), volume **8**, pages 596–601.  
<https://doi.org/10.1557/s43580-023-00583-5>
2. A. Barkat, S. Kenai, **B. Menadi**, "Relationships Between Mortar Spread and the Fresh Properties of SCC with Local Metakaolin", *Infrastructures* 2023, *8*(10), 137;  
<https://doi.org/10.3390/infrastructures8100137>
3. Bensaci Hamza, **Menadi Belkacem**, Kenai Said, and Mehmet Serkan K?rg?z "RubberCrete: A rubber based concrete system with superplasticizer and graphite nano particle-rheology, strength, shrinkage, and durability features" cement lime Gypsum, issue 5, 2023.  
<https://www.zkg.de/en/artikel/rubbercrete-a-rubber-based-concrete-system-with-superplasticizer-and-graphite-nano-particle-rheology-strength-shrinkage-and-durability-features-3984770.html>.
4. M Hassoune, A Kada, **B Menadi**, B Lamri, " Numerical thermal performance analysis of light steel insulated walls under fire", *Građevinski materijali i konstrukcije* 66 (1), 43-54.  
lien: <https://scindeks.ceon.rs/article.aspx?artid=2217-81392301043H>
5. Ali Bouafia (2023) "*Contribution of the standard penetration test SPT to the design of pile foundations in sand- Practical recommendations*", *Journal of Engineering Research JER*, University of Kuwait, ISSN: 2307-1877, DOI: <https://doi.org/10.36909/jer.18763>
6. Ali Bouafia (2023) "*Design of laterally loaded single piles by using P-Y curves and the cone penetration test in sandy soils*", *Jordan Journal of Civil Engineering*, Volume 17 Number 2 (2023), pp: 219-230, <https://doi.org/10.14525/JJCE.v17i2.05>
7. Hocine Haouari, Ali Bouafia (2023) "*Single piles under cyclic lateral loads - Full scale tests and numerical modelling*", *Geomechanics and Engineering, An International Journal*, Techno-Press Publishers, Vol. 32, No. 1 (2023), pp: 21-34, <https://doi.org/10.12989/gae.2023.32.1.021>
- 8. Ali Bouafia (2023) "*Design of single piles under lateral loads in clay—contribution of the pre-bored PMT test*", *Arabian Journal of Geosciences*, Vol 16, article No. 564, <https://doi.org/10.1007/s12517-023-11681-x>
- 5) Hocine Haouari, Ali Bouafia (2023) "*Single piles under monotonic lateral loads-Full scale tests and numerical modelling*", *Journal of Geomechanics and Geoengineering*, ASPS

publications, ISSN 2716-7992, Vol. 1, Issue 1, pp: 11-25, DOI: <https://doi.org/10.38208/jgg.v1i1.441>

9. Tests on the Influence of Cyclic Loading and Temperature on the Behavior of Flexible Pavement Reinforced by Geogrids with Numerical Simulation.

Abdelkader Medjdoub, Mouloud Abdessemed

Technical Gazette/Tehnički vjesnik 30, 2(2023), 521-529

<https://hrcak.srce.hr/en/clanak/426047>

10. Experimental study of the behavior of light embankments Made of a new polystyrene Reinforced by a polyglass geo-membrane

Mettaï Mohamed, Abdessemed Mouloud

Revista Română de Materiale / Romanian Journal of Materials 2023, 53(1), 73–81

<https://solacolu.chim.upb.ro/pg73-81.pdf>

● 11. Strength and durability of self-compacting mortar with waste marble as sand substitution  
Nadia Bentlemsan, Walid Yahiaoui, Said Kenai

● **Case Studies in Construction Materials**

<https://doi.org/10.1016/j.cscm.2023.e02331>

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● 12. **The effect of treated recycled steel fibers and slag on the properties of recycled self-compacting concrete**

N. E. Maameri, H. Bensaci & S. Kenai

<https://link.springer.com/article/10.1557/s43580-023-00616-z>

● 13. **Combined effect of ground granulated blast-furnace slag and metakaolin on the performance of recycled self-compacting concrete**

A. Boubakeur, B. Menadi, O. Kouider-Djelloul & S. Kenai

<https://link.springer.com/article/10.1557/s43580-023-00583-5>

● 14. **Performance of local date palm fibers in cementitious materials**

C. Mouhous, W. Yahiaoui & S. Kenai

<https://link.springer.com/article/10.1557/s43580-023-00575-5>

● 15. Analysis of the accuracy of in-situ concrete characteristic compressive strength Assessment in real structures using destructive and non-destructive testing methods.

Khoudja Ali-Benyahia <sup>a</sup>, Said Kenai <sup>b</sup>, Mohamed Ghrici <sup>c</sup>, Zoubir-Mehdi Sbartai <sup>d</sup>, Sidi-Mohammed Elachachi

<https://doi.org/10.1016/j.conbuildmat.2022.130161>

**•16. Influence of the number of cores on concrete strength assessment by nondestructive tests in old existing structures**

Youcef Boussahoua, Said Kenai, Zoubir Mehdi Sbartai, Denys Breysse & Khoudja Ali-Benyahia

17. IMPACT OF RELEASES FROM THE KEF EDDIR DAM ON THE RECHARGE OF THE OUED DAMOUS AQUIFER

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