

Personal Information

Name: Abderrahmane Family name: MENASRIA

Date of Birth: 10/09/1983 ; Place of Birth: Tamlouka - Guelma
scientific grade: Associate Professor
Specialization: Civil Engineering
Bachelor's Degree :2006, Master's Degree :2009, Ph.D: 2018, HDR :2021

Professional Information

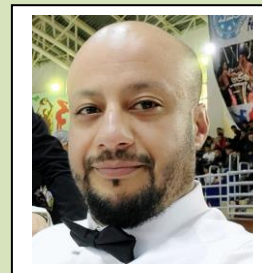
- Associate Professor in the Civil Engineering Department, Faculty of Science and Technology.
- Head of the Public Works training team.
- Member of the doctoral training committee / Civil Engineering Track.
- Research Project Leader – University Training Research Project (PRFU).

Scientific Experience

- Member of the Materials and Hydrology Research Laboratory “Excellence” at Djillali Liabès University, Sidi Bel Abbès.

Published Academic Articles in the Last Year

- Meski, K., Esen. I., **Menasria, A.**, Bouhadra, A., *et al.* (2025). Elastic Instability of Functionally Graded Sandwich Plates with Auxetic Honeycomb Core Subjected to Thermal and Magnetic Fields, International Journal of Structural Stability and Dynamics, 2650272, DOI:10.1142/S021945542650272X.
- **Menasria, A.**, Tamrabet, A., Bouhadra, A., *et al.* (2024). Nonlinear temperature dependent and visco-elastic foundation effects on the free vibration of functionally graded sandwich plates with ceramic foam core. The Journal of Strain Analysis for Engineering Design, 59(8), 542-558. DOI:10.1177/03093247241273834.
- Meski, K., Boutrid, A., **Menasria, A.**, Bouhadra, A., *et al.* (2024). Analytical modeling of flexural behavior of advanced composite sandwich beams under nonlinear hygro-thermo-mechanical loads. Multiscale and Multidisciplinary Modeling, Experiments and Design, 7(5), 4701-4719. DOI:10.1007/s41939-024-00414-6.
- Himeur, N., **Menasria, A.**, Bouhadra, A., *et al.* (2024). Buckling and bending analysis of porous FG beam using a simple integral quasi-3D theory, Journal of Applied Mathematics and Computational Mechanics, 23(4), 30-41. DOI:10.17512/jamcm.2024.4.03.
- Masmoudi, F., Tamrabet, A., Refrafi, S., Alselami, N., **Menasria, A.**, Bouhadra, A., Benyoucef, S. (2024). Coupled loading hygro-thermo-mechanical Effect on the stability of imperfect functionally graded sandwich plates. Journal of Computational Applied Mechanics, 55(4): 617-635. DOI:10.22059/jcamech.2024.374122.1007.
- Slimani, R., **Menasria, A.**, Ali Rachedi, M., Mourad, C., Refrafi, S., Nimer, A. A., Bouhadra, A., Mamen, B. (2024). A novel quasi-3D refined HSDT for static bending analysis of porous functionally graded Plates. Journal of Computational Applied Mechanics ; 55(3), 519-537. DOI:10.22059/jcamech.2024.372417.968.
- Tamrabet, A., Mourad, C., Ali Alselami, N., **Menasria, A.**, Mamen, B., Bouhadra, A. (2024). Efficient Kinematic model for Stability Analysis of Imperfect Functionally Graded Sandwich Plates with Ceramic middle layer



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ResearchGate

https://www.researchgate.net/profile/Abderrahmane-Menasria?ev=hdr_xprf

and Varied Boundary Edges. Journal of Computational Applied Mechanics ; 55(2): 184-200. DOI:10.22059/jcamech.2024.371464.947. • Chitour, M., Khadraoui, F., Mansouri, K., Rebai, B., Menasria, A., <i>et al.</i> (2024). A novel high order theory for static bending of functionally graded (FG) beams subjected to various mechanical loads, Res. Eng. Struct. Mater., 10(4): 1523-1539. DOI:10.17515/resm2024.141me0104rs. • Meski, K., Zouatnia, N., Menasria, A., <i>et al.</i> (2024). Static behavior of functionally graded sandwich beam with 1D-FG skins and ceramic core using a new quasi-3D HSDT, Advances in concrete construction, 18 (6), 399-410. DOI:10.12989/acc.2024.18.6.399. • Refrafi, S., Boutrid, A., Bouhadra, A., Menasria, A., B Mamen. (2024). Quasi-3d Analytic Model For Free Vibration Analysis Of Simply Supported Functionally Graded Plates (Ss-Fgp), Journal Of Theoretical And Applied Mechanics, 54 (01), 89-102. DOI:10.55787/jtams.24.54.1.089. • Lafi, D.E., Bouhadra, A., Mamen, B., Menasria, A., Bourada, <i>et al.</i> (2024). Combined influence of variable distribution models and boundary conditions on the thermodynamic behavior of FG sandwich plates lying on various elastic foundations. Structural Engineering and Mechanics, 89(2), 103-119. DOI:10.12989/sem.2024.89.2.103.	
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Published Books	
• Course and exercises “Metal Structures”.	