

## Short Form C.V.

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<b>Institute / University (Work)</b>		<b>College/ Directorate</b>	<b>Department</b>
Northern Border University		College of Engineering	Civil Engineering department
<b>Nationality</b>		<b>Date of Birth</b>	<b>Country of Birth</b>
Tunisian		08/03/1979	Tunisia
<b>Highest Degree</b>		<b>University</b>	<b>Date of Graduation</b>
PhD		University of Tunis El Manar	2012
<b>Academic Title</b>		<b>Major Field</b>	<b>Specialization</b>
Assistant professor		Civil Engineering	Structural engineering
<b>Google Scholar or Scopus page</b>		<a href="#">Nejib Ghazouani - Google Scholar</a>	
<b>Scopus H-Index</b>		3	
<b>Scientific Profile (5 lines maximum)</b>		<p style="text-align: center;">Research interests and fields include:</p> <ol style="list-style-type: none"> <li>1- Renewable energy and building energy modelling</li> <li>2- Structural health monitoring (SHM) of structures</li> <li>3- Climate change and engineering mitigation</li> <li>4- Structural engineering</li> </ol>	
<b>Qualifications (lines maximum)</b>		<p>Key qualifications include:</p> <ol style="list-style-type: none"> <li>1- Dr-engineer and consultant in structural engineering and structural health monitoring</li> <li>2- Expertise in the environmental and social impact assessment (ESIA) studies for mega energy projects</li> </ol>	
<b>Employment History (5 lines maximum)</b>		<ul style="list-style-type: none"> <li>• 2003-2005 Consult engineer (Tunisia)</li> <li>• 2005-2014: Academic positions –freelance engineer (Tunisia)</li> <li>• 2014-2022: Assistant professor at the Northern Border university (KSA)</li> </ul>	
<b>Funded Projects</b>		<p>Recent funded projects (FP):</p> <ul style="list-style-type: none"> <li>• 3 FPs granted by the Northern Border University</li> <li>• 2 FPs granted by the ministry of education (MOE) within the RDO's International Collaboration Initiative</li> </ul>	

<b>Patents</b>	None
<b>Awards</b>	None
<b>List of Publications</b>	
[1].	Ghazouani, N., Bawadekji, A., El-Bary, A. A., Becheikh, N., Alassaf, Y., Hassan, G. E., & Elewa, M. M. (2022). Greenhouse Desalination by Humidification–Dehumidification Using a Novel Green Packing Material. <i>Water</i> , 14(6), 869. <a href="https://doi.org/10.3390/w14060869">https://doi.org/10.3390/w14060869</a>
[2].	Ghazouani, N., Bawadekji, A., El-Bary, A. A., Elewa, M. M., Becheikh, N., Alassaf, Y., & Hassan, G. E. (2022). Performance Evaluation of Temperature-Based Global Solar Radiation Models—Case Study: Arar City, KSA. <i>Sustainability</i> , 14(1), 35. <a href="https://doi.org/10.3390/su14010035">https://doi.org/10.3390/su14010035</a>
[3].	Bawadekji, A., Tonbol, K., Ghazouani, N., Becheikh, N., & Shaltout, M. (2022). Recent atmospheric changes and future projections along the Saudi Arabian Red Sea Coast. <i>Scientific Reports</i> , 12(1), 160. <a href="https://doi.org/10.1038/s41598-021-04200-z">https://doi.org/10.1038/s41598-021-04200-z</a>
[4].	Bawadekji, A., Tonbol, K., Ghazouani, N., Becheikh, N., & Shaltout, M. (2021). General and Local Characteristics of Current Marine Heatwave in the Red Sea. <i>Journal of Marine Science and Engineering</i> , 9(10), 1048. <a href="https://doi.org/10.3390/jmse9101048">https://doi.org/10.3390/jmse9101048</a>
[5].	Ghazouani, N., Eladeb, B., Tashkandi, M. A., & Nasri, M. T. (2021). Formability of aluminum 1050A at high temperatures: Numerical modeling and experimental validation. <i>Latin American Journal of Solids and Structures</i> , 18. <a href="https://doi.org/10.1590/1679-78256523">https://doi.org/10.1590/1679-78256523</a>
[6].	El Fatmi, R., & Ghazouani, N. (2011). Higher order composite beam theory built on Saint-Venant’s solution. Part-I: Theoretical developments. <i>Composite Structures</i> , 93(2), 557–566. <a href="https://doi.org/10.1016/j.compstruct.2010.08.024">https://doi.org/10.1016/j.compstruct.2010.08.024</a>
[7].	Ghazouani, N., & El Fatmi, R. (2010). Extension of the non-uniform warping theory to an orthotropic composite beam. <i>Comptes Rendus Mécanique</i> , 338(12), 704–711. <a href="https://doi.org/10.1016/j.crme.2010.09.002">https://doi.org/10.1016/j.crme.2010.09.002</a>
[8].	Ghazouani, N., & El Fatmi, R. (2011). Higher order composite beam theory built on Saint-Venant’s solution. Part-II: Built-in effects influence on the behavior of end-loaded cantilever beams. <i>Composite Structures</i> , 93(2), 567–581. <a href="https://doi.org/10.1016/j.compstruct.2010.08.023">https://doi.org/10.1016/j.compstruct.2010.08.023</a>