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Paper title: **Analysis of Offshore Wind Potential and Wave Resources along the 200 m Isobath in Romania's Exclusive Economic Zone for Floating Offshore Wind Platform Site Selection**



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Short CV:

I am a PhD student in Mechanical Engineering at the Doctoral School of Mechanical and Industrial Engineering, "Dunărea de Jos" University of Galați, Romania. I hold a Bachelor's degree in Naval Architecture and a Master's degree in Mechanical Engineering.

My doctoral research is focused on the assessment and exploitation of marine renewable energy resources in the Black Sea, with particular emphasis on offshore wind energy and floating offshore platforms. My main research interests include metocean data analysis, offshore renewable energy resource assessment, floating wind technologies, and the hydrodynamic behaviour of floating structures under representative environmental conditions.

My recent scientific activity has addressed offshore wind and wave energy potential in the Black Sea, offshore wind turbine performance, renewable energy development strategies, and the applicability of floating offshore technologies in this region. My work has been disseminated through international journals, book chapters, and conference proceedings.