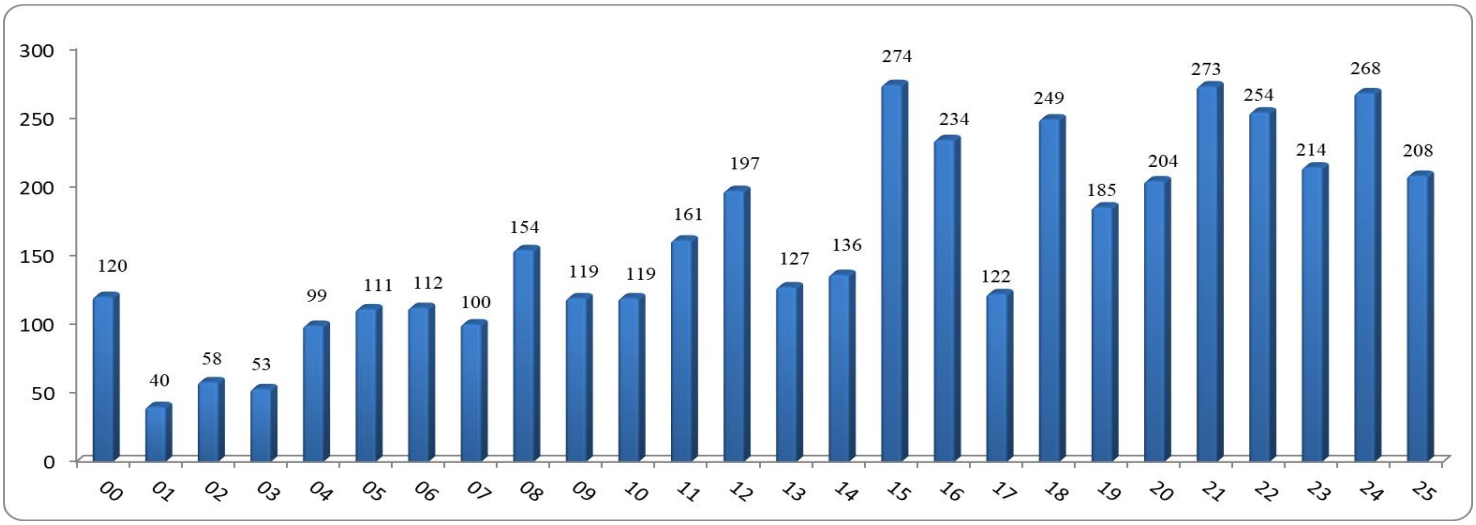
LIST OF PUBLICATIONS

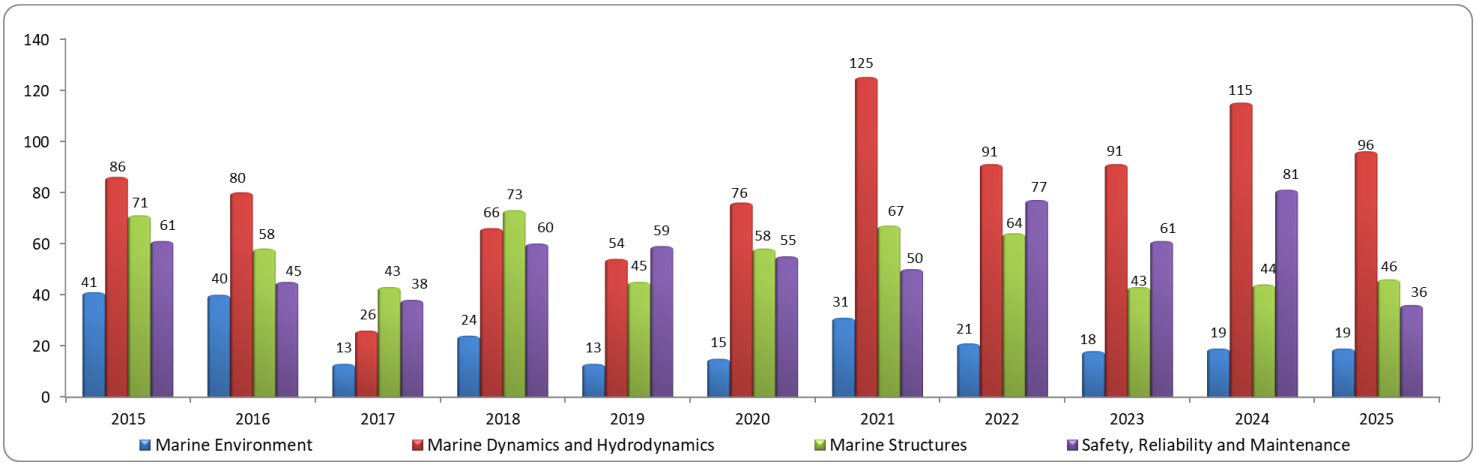
CENTEC – Centre for Marine Technology and Ocean Engineering, Instituto Superior Técnico, University of Lisbon, Portugal

Publications Statistics

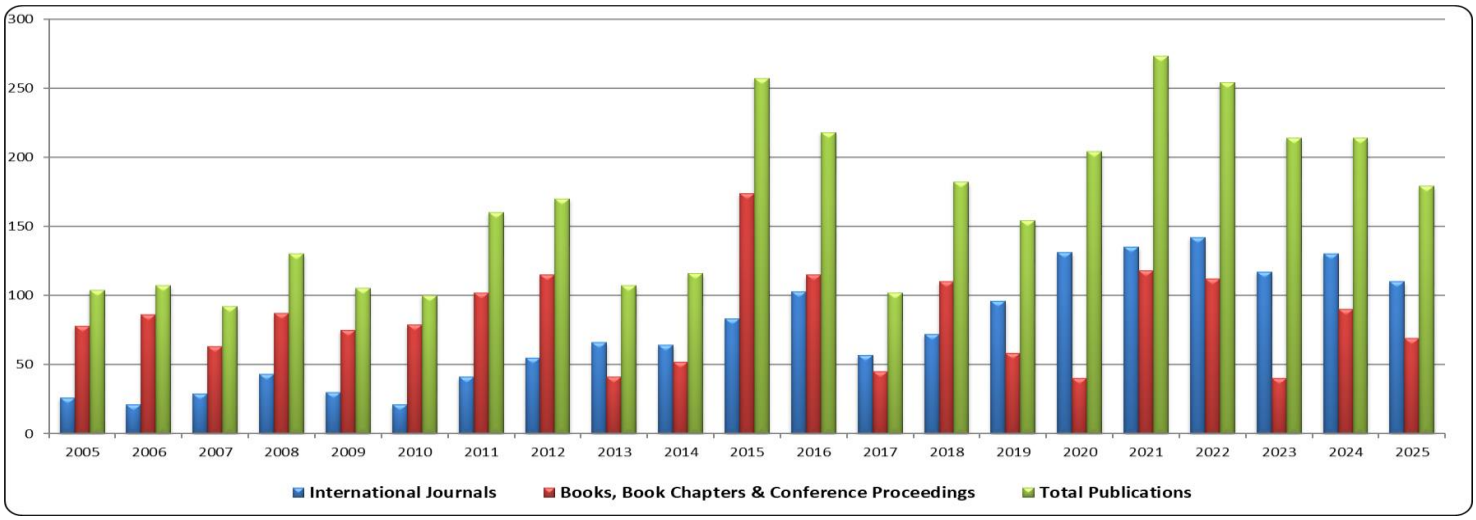
CENTEC - Total Number of Publications per Year (2000-2025)



CENTEC - Annual Publications by Research Group (2015-2025)



CENTEC - Number of Papers by Type of Publication (2005-2025)



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1.5.8. Campos, R.M. (2014), "Spatial Extreme Wave Analysis Using Numerical Model Results", Joint PhD in Naval Architecture and Marine Engineering of Universidade Federal do Rio de Janeiro, Brazil and Instituto Superior Técnico, Lisboa.

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1.6.20. Schneider, M.V. (2023), "Wave energy assessment for the Atlantic Coast of Morocco", MSc in Naval Architecture and Ocean Engineering, Instituto Superior Técnico – IST, Lisboa.

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2.6.43 Romanelli, F. (2021), “Parametric Modelling of Hulls for Small Craft”, MSc in Naval Architecture and Marine Engineering, Instituto Superior Técnico – IST, Lisboa.

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2.6.45 Valencia, J.B. (2021), “A preliminary evaluation of the performance parameters of point absorbers for the extraction of wave energy”, MSc in Naval Architecture and Marine Engineering, Instituto Superior Técnico – IST, Lisboa.

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2.6.56 Viegas, M.D. (2024), “CFD simulation of a fish cage in current”, MSc in Naval Architecture and Marine Engineering, Instituto Superior Técnico – IST, Lisboa.

2.6.57 Alves de Jesus, C. (2024), “A preliminary design for a spread mooring system of a 10MW floating wind turbine platform”, MSc in Naval Architecture and Marine Engineering, Instituto Superior Técnico – IST, Lisboa.

2.6.58 Abreu da Eira, A.J. (2025) “Mooring design and numerical analysis of a Multi Body Floating Photovoltaic Device”, MSc in Naval Architecture and Marine Engineering, Instituto Superior Técnico – IST, Lisboa.

2.6.59 Ferreira Oliveira, F.F. (2025) “Offshore Electromechanical Conversion System for a Floating Wave Energy Converter”, MSc in Naval Architecture and Marine Engineering, Instituto Superior Técnico – IST, Lisboa.

2.6.60 Bandarra, B.C. (2025) “Ship Power and Speed Prediction of an Inland Cruise Vessel Through CFD Analysis and Correlation with Sea Trials”, MSc in Naval Architecture and Marine Engineering, Instituto Superior Técnico – IST, Lisboa.

2.6.61 Biroli, M.V. (2025) “Comparative analysis of shared mooring concepts for floating offshore wind farms”, MSc in Naval Architecture and Marine Engineering, Instituto Superior Técnico – IST, Lisboa.

2.6.62 Ferreira Sekler, E.L. (2025) “Effect of spacing on wake-induced vibrations between a fixed and an oscillating circular cylinder”, MSc in Naval Architecture and Marine Engineering, Instituto Superior Técnico – IST, Lisboa.

2.6.63 Marcondes de Moraes, V.A. (2025) “Response analysis for different floating offshore wind turbines”, MSc in Naval Architecture and Marine Engineering, Instituto Superior Técnico – IST, Lisboa.

2.6.64 Vidal Souza, F.J. (2025) “Innovative design for a wave energy converter farm with synthetic moorings”, MSc in Naval Architecture and Marine Engineering, Instituto Superior Técnico – IST, Lisboa.

2.6.65 Mendes Dias, J.P. (2025) “Dynamic stiffness modelling of synthetic fibre mooring lines for flating offshore wind turbines”, MSc in Naval Architecture and Marine Engineering, Instituto Superior Técnico – IST, Lisboa.

3. Marine Structures

3.1 Papers in Journals

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3.6.65. Pereira, T. B. (2022), “Probability Cost-Benefit Analysis for Ship Structural Design”, MSc in Naval Architecture and Ocean Engineering, Instituto Superior Técnico – IST, Lisboa.

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3.6.73. Marcal da Costa, P. (2025), “Numerical Analysis on Welding Residual Stress in Subsea Pipelines”, MSc in Naval Architecture and Ocean Engineering, Instituto Superior Técnico – IST, Lisboa.

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4. SHIP DESIGN AND MARITIME TRANSPORTATION (Discontinued in 2008. Papers integrated in groups 2, 3 and 5.)

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4.5 PhD Dissertations

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