



**NATO MARITIME
GEOMETOC
COE**

CURRICULUM VITAE

Name: LUÍS QUARESMA DOS SANTOS

Nationality: Portuguese

Date of birth: 29th May 1977

Position: Branch Head Products & Services

Rank: Commander Portuguese Navy (OF-4)

PROFESSIONAL EXPERIENCE

- 2000 – Scientific Researcher at the Portuguese Hydrographic Institute (IH), in the field of Physical Oceanography
- 2012– Professor of Meteorology and Physical Oceanography at the Portuguese Naval School and at the Navy Hydrography and Oceanography School.
- 2017 – Director of the Geospatial Meteorological Oceanographic Information Centre (CGEOMETOC) of the Portuguese Navy
- 2020 – Branch Head of Products and Services of the NATO Maritime GEOMETOC Centre of Excellence (MGEOMETOC COE).
- 2022 – Chair of the NATO Military Oceanography Technical Panel (MILOC).

Represents Portugal in the following NATO expertise boards: Military Committee METOC Working Group (MCWG) and Military Oceanography Technical Panel (MILOC).

- Published more than 20 scientific papers on physical oceanography domain.
- Coordinated, as chief scientist, more than 15 oceanographic research surveys.
- Project Manager Officer in more than 10 scientific consortiums.
- Invited speaker in several internal conferences in the field of ocean sciences and military oceanography.

ACADEMIC QUALIFICATIONS

- 1995-2000– Degree in Environmental Sciences at Environmental Sciences
- 2003- 2006– Master Degree in Geophysics, University of Lisbon
- 2009-2012– PhD in Physical Oceanography at Université de Bretagne Occidentale (Brest, France)

AWARDS AND DECORATIONS

“Distinguished services” military medal;

“Young Scientist Outstanding Poster Paper Award” 2005 - European Geosciences Union;

“Almirante Teixeira da Mota Award” Best Portuguese 2006 work in the oceanography domain - Academia de Marinha

MAIN SCIENTIFIC REFERENCES

Quaresma, L.S. & A. Pichon (under revision). Internal tide scattering solutions over abrupt continental shelf features. In preparation to be *Submitted to publication*.

Quaresma, L.S. & A. Pichon (2011). Modelling the barotropic tide along the West Iberian margin, *Journal of Marine Systems*, Volumes 109–110, Supplement, January 2013, Pages S3-S25, ISSN 0924-7963

Quaresma, L.S., J. Vitorino, A. Oliveira & J.C.B. da Silva (2007). Evidence of sediment resuspension by non-linear internal waves on the western Portuguese mid shelf, *Marine Geology*, 246, 123-143.

Quaresma, L.S. (2007). Observação de Ondas Internas não-lineares geradas sobre o canhão submarino da Nazaré, *Academia de Marinha*, Lisboa, 102 pp. ISBN: 978-972781-099-4 [book].