

João Amorim

25 years, Oceanographer,
Msc. Physical
Oceanography

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Education

- 2014–2018 **Bsc in Oceanography**, Federal University of Pará, Pará–Brasil, .
Title: *Observational study of meteo–oceanographic parameters on Pará’s coast: subsidy to the study of Sargassum blooms on Amazon coast.*
- 2018–2020 **Msc in Physical Oceanography**, University of São Paulo, São Paulo–Brasil, .
Title: *AAIW extension variability on South Atlantic and its relation with Meridional Overturning Circulation.*

Experience

Academic Experience

- 2015–2016 **Scholarship of “Young Talents to Science”**, Physical Oceanography Laboratory UFPA, Belém–Brasil.
Scholarship of Brazilian program “Young Talents to Science – CAPES”. Developed activities on the research project: *Occurrence of DDT, its metabolites and other persistent organochlorines on the marine ecosystem of Marajo Island.*
- 2016–2017 **Scholarship of Scientific Initiation**, Physical Oceanography Laboratory UFPA, Belém–Brasil.
Scholarship of program “Scientific Initiation – UFPA”. Developed activities on the research project: *Blooms of harmful algae organisms on Pará’s coast: patterns, predictability and sustainability.*
- 2017 **Internship**, FAPESPA, Belém–Brasil.
Developed research activities as an internship at FAPESPA’s project: *Implementation of an Observatory at Amazon Coast: OCA Project.*
- 2018–2020 **Postgraduate Student**, Satellite Oceanography Laboratory USP, São Paulo–Brasil.
Master’s scholarship of Brazilian program “PROEX–CAPES”. Developed research activities on the following project: *Interannual Variability of the Meridional Transports across the SAMOC Basin-wide Array (SAMBAR)* under the supervisor of Dr. Olga Sato.

Complementar Formation

- 30h Statistics applied to time series – Federal University of Pará
- 24h Complete Python Bootcamp: from zero to hero in Python 3 – Udemy Online Courses
- 680h Advanced Course in English – ASLAN Brasil

Languages

English	Understand Well, Read Well, Write Well, Speak Reasonably	(B2 – TOEFL ITP)
Spanish	Understand Reasonably, Reads Reasonably, Write Little, Speak Little.	

Computer skills

Matlab	Experience with oceanographic data processing: in-situ measurements (e.g. CTD, buoys, fixed stations), satellite data (Level 2, 3 and 4) and oceanic models outputs.	Open GrADS	Experience with meteorological reanalysis
Shell-Bash	Basic concepts of directory manipulation and data download	Phyton	Experience with oceanographic data processing using different modules as NumPy, Pandas, SciPy and others.
Latex	Elaboration of documents	Office Package	Experience with text formatting, spreadsheets and tables elaboration.

Interests

Area 1	Physical Oceanography	Area 4	Meridional Overturning Circulation
Area 2	Satellite Oceanography	Area 5	Meso-Scale Dynamics
Area 3	Air–Sea Interactions	Area 6	Regional Modelling

Events

- 2016 **VII Brazilian Congress of Oceanography, Bahia – Brasil**, Poster Presentation.
Title: *Sea surface temperature anomalies over a region of Tropical Atlantic and the precipitation on the city of Soure – Pará.*
- 2017 **XVII Latin American Congress of Marine Sciences, Santa Catarina – Brasil**, Poster Presentation.
Title: *Observational study of atmospheric parameters on Pará's coast: subsidy to the study of Sargassum blooms on Amazon coast*