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Dr. Jailson Moura

Biologist, specialist in sustainability, ecotoxicology and public health

I am a naturally optimistic individual who approaches work with a positive attitude. This mindset enables me to overcome challenges and foster a pleasant working environment. My unwavering commitment to learning and passion for constantly improving my knowledge base make me a strong candidate for any job position that aligns with my extensive experience. I have worked in various areas such as public health, applied ecology, toxicology, and data science, allowing me to approach problem-solving from multiple perspectives and identify innovative ways to achieve objectives.

EXPERIENCE

September 2022 - PRESENT • Movimentar GmbH, Bremen, Germany

Data scientist and project manager

Project management and data analysis for humanitarian projects worldwide covering areas such as Public Health, Sustainability, Socioeconomic related aspects.

April 2014 - August 2022 • ZMT- Leibniz Centre for Tropical Marine Research, Bremen, Germany

Senior Scientist

Leading research activities in the marine realm covering several scientific areas, including ecotoxicology, ecology, blue economy, sustainability, capacity building, and biodiversity protection.

November 2013 - March 2014 • ECOTONUS - Meio Ambiente e Arquitetura, São Paulo, Brazil

Marine Biologist

Project design, data analysis and publication of a project to assess the conflict between port activities and marine animals' population in the Baía de São Marcos, Amazon coast, northern Brazil.

December 2010 - December 2011 • Nat. School of Public Health - ENSP/FIOCRUZ, Rio de Janeiro, Brazil

Marine Biologist / Project coordination

Coordination of a large project to produce a robust ecological and environmental characterisation of the marine megafauna inhabiting the Campos basin and investigate the connection between animals; mortality with the oil and gas production and extraction. Tasks involved Data analysis, Team coordination, report writing, participation of off-shore research activities.

October 2010 - September 2011 • CTA Serviços em Meio Ambiente, Espírito Santo, Brazil

Marine Biologist / Project coordination

Coordinating about 20 biologists and veterinarians to study the mortality of marine megafauna. We monitored, daily, about 800 km of coastline. The project aimed to investigate if and how the oil and gas industrial activities threatened the animals found washed ashore. My work at CTA involved the following responsibilities 1) Team coordination related to beach monitoring activities, rehabilitation and necropsies 2) Monthly reports on the veterinary and biological activities; 3) Data management and analysis 4) Project management.

EDUCATION

2014 • *National School of Public Health - Fiocruz, Rio de Janeiro, Brazil*

PHD - Public Health and Environment

Training in statistical models, epidemiological methods and techniques, Ecotoxicology, sustainability and health promotion.

Thesis: “Public health and health of the oceans: conceptual interface of the paradigms and ecotoxicological analysis in an upwelling system”.

2009 • *National School of Public Health - Fiocruz, Rio de Janeiro, Brazil*

Master - Public Health and Environment

Epidemiological methods and concepts to link environmental exposure to public health issues. Ecotoxicology principals and laboratorial work. Sustainability and public health.

Thesis: “Marine tucuxi dolphins (*Sotalia guianensis*) as sentinel of the coastal marine environmental health: study of the concentration of mercury in the Amazon estuary and in the North coast of the Rio de Janeiro state”.

2006 • *Ferlagos - Faculdade da Região dos Lagos*

BACHELOR - Biology

Overview of the most relevant concepts of biology and ecology with special emphasis in marine related topics.

Thesis: “Analysis of Marine Mammal Strandings in the Lakes Region, between Quissama and Saquarema between 1999 and 2006, with Emphasis on the Guiana Dolphin (*Sotalia Guianensis*)”.

OTHER JOBS

2005-2007 • **Lifeguard - Municipal Guard** • *Araruama, Rio de Janeiro, Brazil*

Rescue activities to a dangerous beach environment and risk prevention of drowning • Working skills under stress and difficulties • Required physical capacity • Communication skills.

2004-2005 • **Municipal Guard**, *Araruama, Rio de Janeiro, Brazil*,

•Public administration • Public patrimony surveillance • Preservation of the public propriety and social order • Traffic assessment and organization

SKILLS

Data science	Public health	Epidemiology	Toxicology	Spatial analysis
Sustainability	Ecology	ESG	Teaching	Presentations
Leadership	Statistics	Proj. Manage	reporting	Writing

SCIENTIFIC PUBLICATIONS

About 60 scientific publications in peer-reviewed journals. See the list below. Also available on ResearchGate. **ORCID: 0000-0003-3601-3957**

INFOGRAPHIC

LANGUAGES



English



German



Portuguese



Spanish

M - Mother tongue; m - Moderate P - Professional (German C1)

SOFTWARES



R

Data analysis



Python

Data analysis



Office

Word
Excel...



Inkscape

Graphical design



QGIS

Maps
Spatial analysis

CITIZENSHIPS



Brazil
(MERCOSUL)



Germany
(EUROPE)

DRIVING LICENSE



HOBBIES



Dogs



Surfskate



Fitness

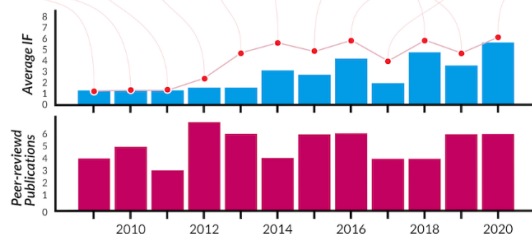


Guitar



Surf

SCIENTIFIC PUBLICATIONS (Summary)



Publications per year and average Impact factor (IF) of the journals.

