

São Paulo School of Advanced Science on Scenarios and Modelling on Biodiversity and Ecosystem Services to Support Human Well-Being

Silas Candido Principe de Souza

Graduate Program in Oceanography, Oceanographic Institute, University of São Paulo (IO-USP) silasprincipe@usp.br

I have a Bachelor's Degree (BSc) in Biological Sciences (Marine Biology) from the São Paulo State University – UNESP, Bioscience Institute, São Vicente, Brazil. In 2017, I finished my Master's degree in Zoology at UNESP, Biosciences Institute, Botucatu, Brazil. My Master's research focused on the thermal biology of fiddler crabs, and the implications of climate change on mangrove ecology. I am currently enrolled as a Doctorate student at the Post Graduate Program in Oceanography of the Oceanographic Institute (University of São Paulo). I am also a Lab Technician at the Department of Biology of Federal University of São Carlos, Sorocaba Campus, where I am in charge of the curatorship of the zoological collection and assistance of zoology classes. I am currently researching the likely impacts of climate change on the ecological functions of shallow coastal environments, mainly coral reefs. The aim is to use SDM to forecast impacts on the distribution of key species which alterations would impact the entire community.

My main research interests are the ecology of coastal environments, ecophysiology and thermal biology of intertidal organisms, climate change and species distribution modelling.