



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

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I have a BSc in Biology (2010) and PhD in Ecology at the University of São Paulo (2017). During my PhD I investigated the reproductive biology of stingless bees, which comprise a diverse group of important pollinators of crops and wild plants in the tropics. In my PhD I studied sexual selection and quantitative genetics, and its relation to breeding and management. The main research lines in my thesis were applied ecology, behavioral and evolutionary ecology, and quantitative genetics, including also experience in molecular analysis and statistical modeling. In my post-doc I will investigate how bee populations respond to global changes integrating different tools (ecological modeling, genomics, and landscape analyses). In this broad project, I intend to use citizen science gathered data to answer ecological questions. The main citizen science tool will be a mobile app which allows citizens to register bee occurrences and monitor bee populations. By including the effort of many citizens in data collection, this approach will provide large scale dataset for research and contribute to the inclusion of the society in the scientific process. My main research interests are: species distribution models, landscape ecology and genomics, citizen science, and science communication.