



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

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My name is Matheus Camargo Silva Mancini, I am a Ph.D. student at the Federal University of Lavras in the graduate program of Applied Ecology. I realized my undergraduate in Biological Sciences at the Federal University of Sergipe, and my master degree at the Federal University of Lavras, in the same graduate program I am enrolled currently. My main research interests are landscape and community ecology, with a focus on the understanding of how functional traits are related to community structure and how landscapes and human modifications influence the functional traits. I also have a great interest in mammals and their contributions to ecosystem functioning and to the provision of ecosystem services. I investigate bats as my main study group because they are a very diverse mammal group that performs many ecological functions, such as pollination, seed dispersal, and arthropod control, what make these animals important agents to ecosystem functioning. In my Ph.D. I am using modeling to investigate how landscape changes affect the occurrence of functional traits, in order to predict the traits more vulnerable to these modifications.