



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 am Environmental Engineer (2015) and I hold a Master of Science from Escola Politécnica/USP (2018) with an internship at *Institut für Kartographie und Geoinformatik* at *Leibniz Universität Hannover*, Germany (2017). Currently, I am a Ph.D. candidate at the Program of Minerals Engineering at Escola Politécnica/USP supervised by Professor Luis Enrique Sánchez and Dr. Laura Sonter (University of Queensland). Jointly with different research groups, I developed investigations related to environmental and urban planning, environmental impact assessment and geospatial data modelling to inform plans, programs, and projects.

My Ph.D. topic is related to understanding the cumulative effects of land use changes on biodiversity and ecosystem services, especially in mining regions. The focus is how to evaluate, manage and mitigate these impacts at the landscape scale, caused by intensive and induced land use changes. We want to contribute to the current environmental impact assessment in order to better inform the decision making, especially in the context of mining projects in Brazil. By using spatially explicit modelling and scenarios proposal, we seek to inform future decisions in a mining reserve at Amazon forest.

Summary of research interests:

I really appreciate learning new things and exchanging ideas aiming at building a collaborative learning experience. My research interests are related to cumulative effects of land use changes on biodiversity and ecosystem services, environmental impact assessment, spatial data modeling and, scenarios proposal.