


Beatriz Milz



EDUCATION

2019
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Currently

University of São Paulo
Doctoral Student in Environmental Science  São Paulo, SP, Brazil
Institute of Energy and Environment
Graduate Program in Environmental Science

Research project: [Active Transpacency in the water resources management in Sao Paulo Macrometropolis using the INTRAG method](#)

Scholarship: FAPESP Process 18/23771-6

Advisor: [Pedro Roberto Jacobi](#)

2016
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2018

Federal University of São Paulo
M.S. in Sciences
Institute of Environmental, Chemical and Pharmaceutical Sciences
Graduate Program in Integrated Environmental Analysis

Dissertation: Evaluation of the water quality and remote sensing mapping (LANDSAT-8/OLI) of the Central Body I of the Billings Reservoir (São Paulo, SP)

Advisor: [Cristina Souza Freire Nordi](#)

2012
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2015

University of São Paulo
Bachelor degree in Environmental Management
School of Arts, Sciences and Humanities

Undergraduate thesis: Use of the Billings reservoir for public supply in the Metropolitan Region of Sao Paulo in the context of water crisis: The interligation of the Billings reservoir and the Alto Tietê System.

Advisor: [Pedro Roberto Jacobi](#)



RESEARCH PROJECTS

2018
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Currently

MacroAmb FAPESP
FAPESP Thematic Project - [Environmental Governance of the Sao Paulo Macrometropolis in face of climate variability](#) - Process: 15/03804-9



PROJECTS

2018
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Currently

R-Ladies Sao Paulo Co-organizer
<https://rladies.org/>



SCIENTIFIC JOURNALS - EDITORIAL BOARD

2018
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Currently

Editorial Secretary - [Journal Environment & Society](#)

SUMMARY


Doctoral Student in Environmental Science at University of Sao Paulo (USP).


R enthusiast.

R-Ladies Sao Paulo Co-organizer.

CONTACT INFO

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 [Lattes CNPQ](#)

 [in LinkedIn](#)

 <https://beatrizmilz.github.io>

For more information, please contact me via email.


LANGUAGES

Portuguese: Native

English: Advanced

This resume was made with the R package [pagedown](#).

This resume is not complete.

Code available on  [Github](#).

Last updated on 2019-06-23.



EXPERIENCE

2017
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2017

● **Federal University of São Paulo**
Teaching Internship - Water Ecosystems
Institute of Environmental, Chemical and Pharmaceutical Sciences
Undergraduate Program in Environmental Sciences
📍 Diadema, SP, Brazil

2014
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2015

● **City Hall of Sao Paulo**
Intern in Environmental Managment 📍 São Paulo, SP, Brazil



MEETUP PRESENTATIONS

2019

● **2019**

R - "[Communicating your results: creating presentations with R](#)", in Portuguese, Meetup R-Ladies Niteroi.

R - "[R Workshop - Intermediate](#)", in Portuguese, Meetup R-Ladies São Paulo.

R - "[R Workshop - Basic](#)", in Portuguese, Meetup R-Ladies São Paulo.

2018

● **2018**

R - "[Communicating your results: creating presentations with R](#)", in Portuguese, Meetup R-Ladies São Paulo.



OTHER PRESENTATIONS

2018

● **2018**

R - Introduction to R (R-Ladies São Paulo) - 2018 CODATA-RDA School of Research Data Science, in English, ICTP-SAIIR/NCC-UNESP.

R - Introduction to R Workshop, in Portuguese, Federal University of ABC (UFABC).

R - Introduction to R Workshop, in Portuguese, Institute of Energy and Environment - University of Sao Paulo (IEE/USP).



SHORT COURSES ATTENDED

2019

2019

- R - [R Programming](#) - Coursera/Johns Hopkins University
- R - [The Data Scientist's Toolbox](#) - Coursera/Johns Hopkins University
- R - [Dashboards with R](#) - Curso-R, 18h.
- R - [Building web applications in R using Shiny](#) - Dean Atalli & IV Seminário Internacional de Estatística com R, 3h.
- R - [Web Scraping with R](#) - Curso-R, 8h.
- R - [Working with geospatial data in R](#), Datacamp.
- R - [Introduction to the Tidyverse](#), Datacamp.
- R - [R Programming Track](#), Datacamp.
- R - [Writing functions with R](#), Datacamp.
- R - [Intermediate R](#) - Practice Course, Datacamp.

2018

2018

- R - [Reporting with R Markdown Course](#), Datacamp.
- R - [Intermediate R Course](#), Datacamp.
- R - [Introduction to R Programming](#) - Curso-R, 16h.
- Python - [Intro to Python for Data Science Course](#), Datacamp.
- R - [Introduction to R Course](#), Datacamp.
- [Lógica de Programação](#), Softblue, 20h.

2017

2017

- GIS - [Workshop de QGIS – Acessando dados abertos e georreferenciamento](#), Estúdio Registro, 4h.
- GIS - [Geoprocessamento para Planejamento e Gestão Ambiental](#), SENAC, 32h.

2016

2016

- [Expressão Verbal - desinibição ao falar em público](#), SENAC, 24h.
- [Legislação Ambiental](#), SENAC, 40h.

2015

2015

- [Excel 2010 Módulo II](#), Empresa de Tecnologia da Informação e Comunicação do Município de São Paulo (PRODAM-SP), 20h.
- [ACCESS 2010 Módulo I](#), Empresa de Tecnologia da Informação e Comunicação do Município de São Paulo (PRODAM-SP), 20h.
- [Mudanças climáticas, recursos hídricos e educação ambiental](#), Oficina Municipal – Escola de cidadania e gestão pública, 14h.

GIS - Mapa Digital da Cidade – MDC, Departamento de Produção e Análise de Informação – DEINFO da Secretaria Municipal de Desenvolvimento Urbano – SMDU, 3h.

GIS - Uso do SIG-GCM e Capacitação do Aplicativo GEO-SIG-GCM, Guarda Civil Metropolitana/SMSU/PMSP, 8h.

GIS - Introdução aos Sistemas de Informação Geográfica – Prática com Quantum GIS, Instituto GEOeduc, 8h.

GIS - Introdução ao Processamento Digital de Imagens – Prática com Quantum GIS Instituto GEOeduc, 8h.

Excel 2010 Módulo I, Empresa de Tecnologia da Informação e Comunicação do Município de São Paulo (PRODAM-SP), 20h.