


# Beatriz Milz



## EDUCATION

2019  
|  
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  
|  
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  
|  
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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 [Github: beatrizmilz](#)

 [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.*

*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  
|  
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-SAIFR/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.