




# ROBERTO XAVIER SUPE TULCAN



I have shown myself to be self-motivated, hardworking, and determined to achieve my goals. During my life, I have demonstrated organizing skills, a high level of responsibility, and an excellent capacity to work hard under pressure; however, I prefer to do everything beforehand and ensure everything is working correctly and efficiently. My reasoning, critical and analytical thinking have helped me to elaborate a structural framework to complete my tasks and duties during my activities. Similarly, I have lived in several countries and continents surrounded by local and foreign people enriching my culture and vision towards one of my passions, education.




## EDUCATION

- 2014  
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2017 ● **The Univeristy of Queensland**  
Dual B.S. in Marine Biology and Genetics  Brisbane, Australia
- 2018  
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2020 ● **Beijing Normal University**  
M.S. in Environmental Science  Beijing, China
- 2020  
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Present ● **Beijing Normal University**  
Ph.D. in Environmental Science  Beijing, China



## RESEARCH EXPERIENCE

- 2018  
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Present ● **Researcher**  
Scientific research in Environmental Science  Beijing, China
  - Investigation, literature review, statistics, analysis, and communication
- 2017  
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2017 ● **Undergraduate Research Assistant**  
Visual ecology lab at The University of Queensland  Brisbane, Australia
  - Monitor water systems, and study organisms
- 2016  
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2017 ● **Undergraduate Research Assistant**  
ECO-Lab at at The University of Queensland  Brisbane, Australia
  - Monitor amphibians in chytrid fungus studies

## PROFESSIONAL EXPERIENCE

- 2019-  
Present ● **International Student Assistant, Intern**  
Beijing Normal University: School of Environment  Beijing, China
  - Administrative tasks
  - Student Support
  - Media Accounts

## TEACHING EXPERIENCE

- 2018 &  
2020 ● **Teacher Assistant: *Statistics in Environmental Engineers and Scientists using R.***  
Student support during an R course related to statistical analysis and methods taught by Prof. Satoshi Takizawa (The University of Tokyo) at BNU.  Beijing, China
- 2020 &  
2021 ● **Teacher Assistant: *Environmental Statistics.***  
Show how to do different statistical models with R. Lecture notes, code, webpage [2020 2021](#)  Beijing, China

## CONTACT INFO

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 [Roberto Supe](#)


 [github-RobertoSupe](#)


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For more information, please contact me via email.

## SKILLS


 Research field in environmental pollution: heavy metals and pesticide in water, sediment, and organisms.

 Experienced in statistical analysis, data science, learning models, and research methods.

 Highly skilled in R and Rmarkdown.

 Familiar with Markdown, CSS, and HTML.

## LANGUAGES

 English, Spanish, Catalan, Chinese.

## SELECTED PUBLICATIONS

- 2021 ● **Vanadium pollution and health risks in marine ecosystems: Anthropogenic sources over natural contributions.**  
*Water Research*, 207:117838 [DOI](#)  
Roberto Xavier Supe Tulcan, Ouyang Wei, Lin Chunye, Mengchang He, Wang Baodong
- 2021 ● **Typical herbicide residues, trophic transfer, bioconcentration, and health risk of marine organisms.**  
*Environment International*, 152:106500 [DOI](#)  
Roberto Xavier Supe Tulcan, Ouyang Wei, Gu Xiang, Lin Chunye, Tysklind Mats, Wang Baodong
- 2022 ● **Contamination, exposure, and health risk assessment of Hg in Pakistan: A review.**  
*Environmental Pollution*, 301:118995 [DOI](#)  
Sajid Rashid, Izaz Ali Shah, Roberto Xavier Supe Tulcan, Wajid Rashid, Mika Sillanpaa
- 2022 ● **Spatiotemporal partition dynamics of typical herbicides at a turbid river estuary**  
*Marine Pollution Bulletin*, 182(113946) [DOI](#)  
Zewei Guo, Wei Ouyang, Roberto Xavier Supe Tulcan, Lin Chunye, Mengchang He, Baodong Wang, Ming Xin
- 2021 ● **The effect of human settlement temperature and humidity on the growth rules of infected and recovered cases of COVID-19**  
*Environmental Research*, 197:111106 [DOI](#)  
Pius Babuna, Chuanliang Han, Meijia Li, Amatus Gylbagi, Bian Dehua Doris, Abra Awudi, Roberto Xavier Supe Tulcan, Saini Yang, Xiaohua Yang
- 2022 ● **Use, exposure, and environmental impacts of pesticides in Pakistan: A critical review**  
*Environmental Science and Pollution Research*, 29(43675-43689) [DOI](#)  
Sajid Rashid, Wajid Rashid, Roberto Xavier Supe Tulcan, Haiou Huang
- 2021 ● **Characteristics of Enhanced Heatwaves over Tanzania and Scenario Projection in the 21st Century**  
*Atmosphere*, 12(8) [DOI](#)  
Gylbag Amatus, Amou Martial, Roberto Xavier Supe Tulcan, Zhang Lei, Demelash Tsedale, Xu Yinlong