

# Jure Zrim

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I am a dedicated researcher with a strong background in environmental sciences. My experience in soil science, environmental measurements, and data analysis supports my ongoing work as a doctoral student at the University of Helsinki. I excel in data analyzing and conducting experiments and have a proven record of contributing to projects that explore soil carbon, greenhouse gas emissions, and biochar applications. My hands-on approach and data-driven insights have led to the successful completion of 6 major research projects, directly contributing to peer-reviewed publications and the advancement of sustainable agricultural practices.

## WORK EXPERIENCE

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### University of Helsinki Researcher

December 2016 – Present

- Planned, helped coordinate, and successfully completed 6 major research projects—including Agrichar, Hykerrys, Climsage, and InCan—that provided critical insights on biochar effectiveness, soil microbial ecology and GHG.
- Directed comprehensive data collection, management, and analysis, resulting in actionable research outcomes and publications in peer-reviewed journals
- Supervised three MSc theses and coordinated student fieldwork

### University of Helsinki Researcher – Trainee

July 2015 – September 2015

- Modelling and visualizing at Palopuro agroecological symbiosis pilot project
- Calculating energy flows in relation to nutrient cycling and biogas production

## EDUCATION

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### Doctor of Science, Sustainable Use of Natural Resources (80% completed)

University of Helsinki (expected completion: 2026)

### Master of Science, Agroecology

University of Helsinki, 2016

### Bachelor of Science, Agronomy

University of Ljubljana, 2014

## SKILLS

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- **Data analysis and programming:** R, Python, SPSS, ArcGIS, PowerBI
- **Environmental measurements:** GHG, nutrient leaching, soil DNA extraction and sequence analysis
- **Languages:** English (fluent), Finnish (basic), Slovenian (native)
- **Additional:** Driving license category B

## KEY ACHIVEMENTS

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- Vice president of Finnish Biochar Association in 2018, board member 2019
- Several research grants secured, combined over 200 000€
- Published two peer-reviewed articles and participated in 10 scientific conferences