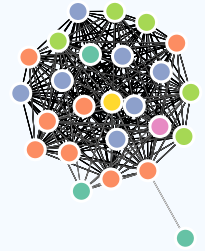


JOCELYNE SHIMIN SZE

I am a Singaporean Chinese (Teochew) woman who grew up in a privileged, middle-class environment with an interest in biodiversity conservation. Transitioning from a positivist natural scientist background, I am currently seeking to understand the world from diverse and plural perspectives, in pursuit of social and environmental justice. I am particularly interested in decolonial approaches to conservation and higher education, and in navigating pathways to a degrowth planet.



EDUCATION

2023
|
2019

PhD in Biosciences

School of Biosciences

📍 University of Sheffield, UK

- Thesis: [Quantifying conservation outcomes in Indigenous peoples' lands across the tropics](#)
- Examined deforestation, forest integrity, and vertebrate species range distributions on Indigenous lands and state-managed protected areas across the tropics
- [Grantham scholar](#)

2016
|
2015

MRes in Ecosystem & Environmental Change (Distinction)

Department of Life Sciences (Silwood Park)

📍 Imperial College London, UK

- Thesis: The Identification and Predictive Modelling of Global Deforestation Hotspots

2013
|
2012

BA in Natural Sciences (2nd upper class honours)

Peterhouse

📍 University of Cambridge, UK

- Specialised in Zoology (ecology, conservation & palaeontology)
- [Jardine scholar](#)

RESEARCH EXPERIENCE

current
|
2023

Post-doctoral researcher

[Conservation Data Justice, Institut de Ciència i Tecnologia Ambientals](#)

📍 Universitat Autònoma de Barcelona, Spain

- Examining how geospatial data are used in conservation

2021
|
2019

GIS consultant

📍 Remote

- Conducted spatial GIS analysis for the Global Deal for Nature 30 By 30 project, evaluating costs and benefits of expansion of global Protected Areas to 30% by 2030

View this CV online at <https://jocelynesze.github.io/cv>

CONTACT

✉ jocelyne.sze@gmail.com

🐦 <https://x.com/jocelynesze>

🔗 [https://github.com](https://github.com/JocelyneSze)

[/JocelyneSze](#)

🌐 [https://jocelynesze](https://jocelynesze.wordpress.com/)

[.wordpress.com/](#)

in [https://www.linkedin.com/in](https://www.linkedin.com/in/jocelyne-sze-ab2132a4/)

[/jocelyne-sze-ab2132a4/](#)

LANGUAGE SKILLS

English

Mandarin Chinese

Spanish

Made with the R package [pagedown](#).

The source code is available on github.com/nstrayer/cv.

Last updated on 2024-08-22.

2018
|
2017

Research associate

[Coupled Human-Natural Systems lab, Asian School of the Environment](#)

📍 Nanyang Technological University, Singapore

- Evaluated the ecological and social factors behind forest fires in Sumatra, Indonesia



TEACHING EXPERIENCE

2021
|
2019

Graduate Teaching Assistant

School of Biosciences

📍 University of Sheffield, UK

- Served as GTA for undergraduate R courses on R and statistics



SELECTED TALKS AND POSTERS

2024

Missing the trees for the forest: Oversights of Big Data in forest conservation

[IUFRO 2024](#)

📍 Stockholm, Sweden

- Poster presentation for panel on Digital transformation in forest governance- the Good, the Bad and the Ugly

2024

Challenging colonial practices in research: A guide for PhD researchers

[UKRIO webinar series](#)

📍 UK Research Integrity Office

- Invited speaker on [Decolonised Research Culture and Practice](#)
- Based on an online guide co-developed with other PhD researchers at the Uni. of Sheffield [Challenging colonial practices in research: A guide for PhD researchers](#)

2024

Engaging geospatial research for more just conservation

ICTA-UAB Conference 2024 Growth Vs Climate

📍 ICTA-UAB, Spain

- Panel on Data, nature and conservation

2023

Indigenous peoples and conservation: a geospatial perspective

DICE seminar

📍 University of Kent, UK

- Invited speaker on Indigenous peoples and conservation, presenting work from my PhD research



2023

Quantifying conservation outcomes in Indigenous Peoples' Lands across the tropics

Brownbag lunchtime seminar

📍 ICIMOD, Nepal

- Invited speaker on Indigenous peoples and conservation, presenting work from my PhD research

- 2023 • **Quantifying conservation outcomes in Indigenous Peoples' Lands across the tropics**
 Grantham Institute Internal Seminar and Cake  University of Sheffield, UK
 • Presented on my PhD research
- 2023 • **Global protection of biodiversity–Impact of the new CBD framework on German government action**
[Hearing of the Committee on Economic Cooperation and Development](#)
 German Bundestag
 • Invited expert to speak on the importance and rights of Indigenous peoples in relation to conservation



PUBLICATIONS

- 2024 • **Indigenous Peoples' Lands are critical for safeguarding vertebrate diversity across the tropics**
[Sze et al, Global Change Biology, 30\(1\), e16981](#)
- 2023 • **A global conservation basic income to safeguard biodiversity**
[de Lange et al, Nature Sustainability, 6\(8\), 1016-1023](#)
- 2022 • **Unravelling the Local Dynamics of Increasing Fires in Community Forests of Mid-Hills of Nepal**
[Tiwari et al, Journal of Forest and Livelihood, 21\(1\), 60-71](#)
- 2022 • **Indigenous lands in protected areas have high forest integrity across the tropics**
[Sze et al, Current Biology, 32\(22\), 4949-4956](#)
- 2022 • **Reduced deforestation and degradation in Indigenous lands pan-tropically**
[Sze et al, Nature Sustainability, 5\(2\), 123-130](#)
- 2021 • **Indigenous agricultural practices and biodiversity in the occupied Palestinian territories**
[Saif & Sze, Reference module in earth systems and environmental sciences](#)
- 2019 • **Evaluating the social and environmental factors behind the 2015 extreme fire event in Sumatra, Indonesia**
[Sze et al, Environmental Research Letters, 14\(1\), 015001](#)
- 2017 • **Projecting the performance of conservation interventions**
[Law et al, Biological Conservation, 215, 142-151](#)