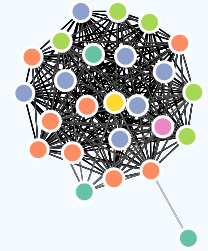


JOCELYNE SHIMIN SZE

I am a Singaporean Chinese 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 in 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 \(CONDJUST\)](#)
📍 Institut de Ciència i Tecnologia Ambientals, Universitat Autònoma de Barcelona, Spain (ICTA-UAB)
 - Examining how geospatial data are used in conservation
- 2021
|
2019
- GIS consultant**
 - 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 with links at
[_https://jocelynesze.github.io/cv/_](https://jocelynesze.github.io/cv/)

CONTACT

✉ jocelyne.sze@gmail.com
🐦 <https://x.com/jocelynesze>
🔗 <https://github.com/JocelyneSze>
🌐 <https://jocelynesze.wordpress.com/>
in <https://www.linkedin.com/in/jocelyne-sze-ab2132a4/>

LANGUAGE SKILLS



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

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

Last updated on 2024-08-21.

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 Practice²
- 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 researchers³

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 tropics⁴**
 Global Change Biology, 30(1), e16981
 • First author paper as part of PhD research
- 2023 • **A global conservation basic income to safeguard biodiversity⁵**
 Nature Sustainability, 6(8), 1016–1023
 • Led by Emiel de Lange
 • Conducted the geospatial analyses
- 2022 • **Unravelling the Local Dynamics of Increasing Fires in Community Forests of Mid-Hills of Nepal⁶**
 Journal of Forest and Livelihood, 21(1), 60–71
 • Led by Sarada Tiwari
- 2022 • **Indigenous lands in protected areas have high forest integrity across the tropics⁷**
 Current Biology, 32(22), 4949–4956
 • First author paper as part of PhD research
- 2022 • **Reduced deforestation and degradation in Indigenous lands pan-tropically⁸**
 Nature Sustainability, 5(2), 123–130
 • First author paper as part of PhD research
- 2021 • **Indigenous agricultural practices and biodiversity in the occupied Palestinian territories⁹**
 Reference module in earth systems and environmental sciences
 • Led by Omar Saif

- 2019 • **Evaluating the social and environmental factors behind the 2015 extreme fire event in Sumatra, Indonesia¹⁰**
Environmental Research Letters, 14(1), 015001
• First author paper arising from research in CHNS lab in ASE-NTU
- 2017 • **Projecting the performance of conservation interventions¹¹**
Biological Conservation, 215, 142-151
• Led by Elizabeth Law



- 1: <https://etheses.whiterose.ac.uk/33276/>
2: <https://ukrio.org/events/webinar-series/decolonised-research-culture-and-practice/>
3: <https://sites.google.com/view/challenging-coloniality-guide?usp=sharing>
4: <https://doi.org/10.1111/gcb.16981>
5: <https://doi.org/10.1038/s41893-023-01115-7>
6: https://forestaction.org/wp-content/uploads/2022/06/5_Tiwari-et-al.pdf
7: <https://doi.org/10.1016/j.cub.2022.09.040>
8: <https://doi.org/10.1038/s41893-021-00815-2>
9: <https://doi.org/10.1016/b978-0-12-821139-7.00179-3>
10: <https://doi.org/10.1088/1748-9326/aaee1d>
11: <https://doi.org/10.1016/j.biocon.2017.08.029>