

MICHAELA GUO YING LO - CV

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EDUCATION

PhD – Biodiversity Management School of Anthropology and Conservation | University of Kent, UK Jan 2020 – July 2024

Thesis: The implications of land use change on forests and local communities in Indonesia

- Visualising the foodscape in mangrove fishing communities in West Kalimantan, Indonesia.
 - Using participatory photography to understand how foodscapes are changing from the perspectives of mangrove fishers.
- The implications of nickel mining on forest cover and local communities in Sulawesi, Indonesia.
 - Addressing and quantifying the environmental and social impacts of nickel mining, and what implications this has on the low carbon agenda.

The Wageningen Institute for Environment and Climate Research (WIMEK), Netherlands Sept-Oct 2021

PhD course: Transformative research for global social environmental challenges

University of Bergen June 2021

PhD Course: Global Food Systems

- Learning about the spatial and temporal scales of food systems, and further take an interdisciplinary perspective on the linkages between food systems, health outcomes, and sustainability.

MSc Double Degree Sustainable Tropical Forestry (SUTROFOR) | Erasmus Mundus Oct 2015 – Dec 2017

MSc Ecosystems and Tropical Forest Environmental Management | AgroParisTech, Montpellier, France

MSc Forests and Sustainable livelihoods | University of Copenhagen, Denmark

BSc (hons) Environmental Geography and International Development | University of East Anglia, UK Oct 2011-June 2016

WORK EXPERIENCE

Postdoctoral Researcher | DICE, University of Kent, Canterbury, UK April 2024 - Present

Evaluating the impacts of Social Forestry in Indonesia – Successes and Challenges

Research Consultant | Center for International Forestry Research (CIFOR), Bogor, Indonesia Nov 2017 – Oct 2021

Quantitative researcher in the sustainable livelihoods and food systems

- Quantifying the contribution of mangroves to fish consumption in Indonesia – a cross-sectional spatial analysis

1st and 2nd Annual DICE Twitter Conference | Online (Twitter) July 2021

Co-organiser July 2020

Research Intern Forest and Agriculture Organization, Rome, Italy	Oct 2014 - Jan 2015
Research Intern Forest, Resources and People, Cameroon	Sept- Oct 2013

SELECTED CONFERENCE/PRESENTATIONS

The Royal Geographical Society (with IBG) Annual International Conference London, UK	Aug 2023
Oral presentation: Visualising the foodscape: social-ecological resilience of food systems in mangrove fisheries, Indonesia	
SIWI World Water Week Online	Aug 2023
Oral presentation: Incorporating inclusive water management and aquatic foods into the agroecological transitions	
The Association for Tropical Biology and Conservation (ATBC) Coimbatore, India	July 2023
Oral presentation: Addressing the impacts of Nickel mining on forest cover and local communities in central Indonesia	
The British Ecological Society (BES) Edinburgh, UK	Dec 2023
Oral presentation: Addressing the impacts of Nickel mining on forest cover and local communities in central Indonesia	
DICE Annual Twitter Conference 2022 Online	July 2022
Twitter presentation: Addressing the impacts of Nickel mining on the well-being of local communities in central Indonesia	
Universitas Indonesia (UI) Depok, Indonesia	April 2022
Oral presentation: Addressing the impacts of Nickel mining on the well-being of local communities in central Indonesia	
XXV IUFRO World Congress Curitiba, Brazil	Sept 2019
Oral presentation: The relationship between forests and freshwater fish consumption in Nigeria (<i>presented by Terry Sunderland</i>)	
FLARE Annual Meeting University of Copenhagen, Denmark	Oct 2018
Oral presentation: Linking Forests and Freshwater Fish in the Tropics	

AWARDS/ACKNOWLEDGEMENTS

Best student oral presentation (ATBC)	July 2023
Oral presentation on the implications of nickel mining in Indonesia on forests and local well-being in Indonesia	
GCDC Doctoral Scholarship (GCRF initiative)	2019 – 2023
Erasmus Mundus Scholarship Double MSc in Sustainable Tropical Forestry (SUTROFOR)	2015 - 2017
DAAD Scholarship	May 2016

LANGUAGE SKILLS

▪ English (fluent)	▪ Mandarin Chinese (conversational)
▪ French (proficient)	
▪ Bahasa Indonesia (proficient)	

PUBLICATIONS

Lo, M.G.Y, Morgans, C.L., Santika, T., Mumbunan, S., Winarni, N., Supriatna, J., Voigt, M., Davies, Z.G. and Struebig, M.J., 2024. Nickel mining reduced forest cover in Indonesia but had mixed outcomes for well-being. *One Earth*, 7(11), pp.2019-2033.

- Ickowitz, A., **Lo, M. G. Y.**, Muhamad, A., Nurhasan, M., Brown, B. (2023). Quantifying the contribution of mangroves to local fish consumption in Indonesia: a cross-sectional spatial analysis. *The Lancet Planetary Health*, 7: e819–30. [https://doi.org/10.1016/S2542-5196\(23\)00196-1](https://doi.org/10.1016/S2542-5196(23)00196-1)
- Struebig, M. J., Aninta, S. G., Beger, M., Bani, A., Barus, H., Brace, S., ..., Supriatna, J. (2022). Safeguarding imperiled biodiversity and evolutionary processes in the Wallacea center of endemism. *BioScience*, 72(11), 1118-1130.
- Rahman, S. A., Baral, H., Sharma, R., Samsudin, Y. B., Meyer, M., **Lo, M.**, ..., Sunderland, T. (2022). Potential benefits of integrated bioenergy and food production systems on degraded land in Wonogiri, Indonesia. *Bioenergy for landscape restoration and livelihoods*, 92.
- Nurhasan, M., Pawera, L., **Lo, M.**, Pratama, M.F., Rahmah, M., Utami, M.M.H., Rowland, D. (2020) Commentary: Oil Palm Boom and Farm Household Diets in the Tropics. *Frontiers in Sustainable Food Systems*. <https://doi.org/10.3389/fsufs.2020.00039>
- Bahar, N., **Lo, M.**, Sanjaya, M., Van Vianen, J., Alexander, P., Ickowitz, A., Sunderland, T. (2020). Meeting the food security challenge for nine billion people in 2050: What impact on forests? *Global Environmental Change*.
- Lo, M.**, Reed, J., Castello, L., Steel, A., Frimpong, E., Ickowitz, A. (2020). The influence of forests on Freshwater Fish in the Tropics: A systematic review. *BioScience*.
<https://doi.org/10.1093/biosci/biaa021>
- Lo, M.**, Narulita, S., Ickowitz, A., 2019. Forests and freshwater fish consumption in Nigeria. PlosONE. <https://doi.org/10.1371/journal.pone.0218038>
- Rahman, S. A., Baral, H., Sharma, R., Samsudin, Y. B., Meyer, M., **Lo, M.**, Artati, Y., Simamora, T. I., Andini, S., Leksono B., Roshetko, J. M., Lee, S. M., Sunderland, T. (2019). Integrating bioenergy and food production on degraded landscapes in Indonesia for improved socio-economic and environmental outcomes. *Food and Energy Security* 8:e165. <https://doi.org/10.1002/fes3.165>

AFFILIATIONS/MEMBERSHIPS

Interdisciplinary Conservation Network (ICN)

Early careers researchers collaboration on Qualitative Impact Evaluation in Conservation

<https://www.iccs.org.uk/content/interdisciplinary-conservation-network>

Transformative Adaptation Research Alliance (TARA) Program on Ecosystem Change and Society (PECS)

Identity processes and institutions to understand pathways to sustainability using place-based case studies.

<https://research.csiro.au/tara/>

<https://pecs-science.org/nature-based-transformations/>

The British Ecological Society (BES)

- Representative for the Equality, Diversity, and Inclusion (EDI) working group.
- Advisor on Safety in the Field Booklet
- Policy committee member for the Equity and Diversity for all Genders in Ecology (EDGE) Network

<https://www.britishecologicalsociety.org/>

Global Journal Club (GJC)

Organiser, facilitator, and member of GJC

The GJC is an online group that welcomes people from all over the globe (especially non-native English speaking students and young researchers) who are passionate about food, equity and sustainability.

<http://www.tlusty.solutions/gjc.html>