

Chloë Metcalfe, PhD

Guildford, United Kingdom

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PERSONAL PROFILE

Environmental science researcher, specialist in global spatial analysis concerning biodiversity, climate change and land use, with expert knowledge of ArcGIS and R. Skilled presenting scientific research and facilitating workshops in both national and international settings. Experience planning and conducting research in the United Kingdom, Peruvian Amazon and California. Proactive continuous development mindset, high attention to detail and able to thrive in a fast-paced environment. Enjoys working in multi-cultural teams, strong communicator and fluent in Spanish.

EDUCATION

PhD in Environmental Science; Conservation Biology, *University College London (UCL - CBER)*. 2019-24

Thesis: Global study in future-proofing mammal conservation in the face of climate and land-use change.

UNEP-WCMC Collaborating Award in Science Engineering (CASE) Partnership. London NERC DTP.

1st MSc Biological Sciences by Research, *Royal Holloway, University of London (RHUL)*. 2017-18

Research: Observer effects on large headed capuchin monkeys, four months field work in the Peruvian Amazon.

2:1 BSc Zoology (Hons), Royal Society of Biology accredited, *RHUL*. 2013-17

Research: Invasive biology of Chinese mitten crabs in the River Thames, *Natural History Museum*.

Scholarship study abroad placement, *University of California, Santa Cruz (UCSC)*. 2015-16

Research: Effect of VEMCO Mobile Transceivers on northern elephant seals, *Costa Lab Research Group*.

WORK EXPERIENCE

UKRI Policy Internship, *Natural England*, Impact and Knowledge Exchange Team – 3 months. 2023

I facilitated workshops with external stakeholders, focussing on knowledge exchange, engagement and dissemination of key findings before, during and after the events. I also wrote and presented case studies on the implementation of protecting 30% of land and sea by 2030 in the UK, in collaboration with *DEFRA*; I conducted interviews with independent landowners, The National Trust, and Local Councils, as well as read management and restoration plans. I tracked multiple projects at once, met tight deadlines and adapted to fast changing priorities.

Lecturer and Assistant Organiser, *Operation Wallacea*, Peru – 2 weeks. 2019

I taught an intensive Amazon Ecology lecture series to Canadian students aged between 15-18 at a remote field site in the Peruvian Amazon. I facilitated cross-cultural communication between the students and the second generation Cocama Tribe field guides through my previous site experience and fluent Spanish.

Master Data Administrator, *Nuvias HQ*, full time temporary position – 3 months. 2019

I was part of the Vendor Management and Procurement Team; my role involved the authorisation of return merchandise in 'D365' and part code creation in 'Spiceworks'. I dealt with a high volume of transactions, was self-organised and highly efficient - exceeding weekly targets.

POLICY EXPERIENCE

Commission member, *IUCN World Commission on Protected Areas*. 2021 - present

I help develop knowledge-based policy, advice and guidance on issues surrounding protected areas. Using my expertise in protected areas, I have also reviewed an application from a site for *UNESCO* World Heritage Status.

Policy Committee member, *British Ecological Society (BES)*. 2021 – present

I horizon-scan for the latest developments in policy and provide guidance that informs BES policy work and briefings.

International Proposal Reviewer, *IUCN World Conservation Congress*, Marseille. 2021

I worked collaboratively with indigenous youths, NGOs and academics to create a document that commented on the wording of target 3 from the Convention on Biological Diversity (CBD) before it was set in policy – the goal for 30% protected area coverage by 2030. Our work fed into the Marseille Manifesto, an output of the Congress.

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PUBLICATIONS

Lead author, Policy Briefing, *British Ecological Society*. 2022

Protected Areas and Nature Recovery, achieving the goal to protect 30% of UK land and seas for nature by 2030.

First author, *International Journal of Primatology*. 2022

Observer effects in a remote population of large-headed capuchins, *Sapajus macrocephalus*.

WORKSHOPS AND PRESENTATIONS

Workshop facilitator

Natural England, Expert Bat Panel Licencing Workshop, online. October 2023

Natural England, State of Natural Capital Report Workshop, online. October 2023

British Ecological Society, How to Engage with Policy Workshop, Liverpool. December 2021

Presenter

International Conservation Congress, ICCB, Kigali - Rwanda. July 2023

British Ecological Society Annual Meeting, Edinburgh. December 2022

Joint DTP Conference, University of Surrey. September 2022

World Biodiversity Forum, Davos - Switzerland. July 2022

British Ecological Society Annual Meeting, Liverpool. December 2021

IT SKILLS

Programs and programming languages: R, ArcGIS, ArcPy, Python, QGIS, Microsoft Office packages.

Data analysis: spatial analysis, mixed effect models and meta-analysis.

Datasets: large global datasets such as the World Database of Protected Areas (WDPA), Protected Connected Database (ProtCon), PREDICTS database (Projecting Responses of Ecological Diversity In Changing Terrestrial Systems) and the Jung IUCN terrestrial habitat types. Maintenance of the Flipper Tag Database (Tagging of Pacific Pelagics).

LEADERSHIP EXPERIENCE

Chief editor of the CBER monthly Newsletter, *UCL* - 3 years. 2020-23

I promoted the celebration of office news through gathering news items, including publications, past and upcoming events, and formatted the layout, style and tone. I also contributed to the publication writing up conference reviews.

Equality Diversity Inclusivity PhD departmental representative, *UCL* - 2 years. 2021-23

I identified and proposed solutions to equality, diversity, and inclusivity issues within the department.

Student representative on DTP management board, *London NERC DTP* - 1 year. 2020-21

I was elected to represent my PhD Cohort in termly meetings with the DTP management board.

Chair of international fieldwork, *London NERC DTP* - 6 months. 2019-20

As elected chair, I organised an international field trip for 30 staff and students: chairing meetings, booking transport and accommodation, creating risk assessments and leading debates.

VOLUNTEERING

Samaritans Listening Volunteer. 2019-present

I provide emotional support to callers; I am trained to the highest standards of safeguarding to ensure that I am confident keeping callers, other listening volunteers, and myself safe throughout a call. I also partake in outreach at events such as Surrey Pride, promoting the visibility of our service to the public.

ADDITIONAL INFORMATION

Languages: Fluent Spanish. Beginner French and Chinese Mandarin.

Full clean driving licence