

## Patrick Roberts

### Personal Data

Title	Dr.
First name	Patrick
Name	Roberts
Current position	W2 Independent Research Group Leader / Lead Scientist
Current institution/site, country	Max Planck Institute of Geoanthropology, Jena, Germany
Identifiers/ORCID	<a href="https://orcid.org/0000-0002-4403-7548">https://orcid.org/0000-0002-4403-7548</a>

### Qualifications and Career

Stages	Periods and Details	
Degree programme	2009– 2012	Archaeology and Anthropology (BA), Archaeological Science (MSc), U Oxford, UK
Doctorate	2016	Fruits of the Forest: Human Stable Isotope Ecology and Rain-forest Adaptations in Late Pleistocene and Holocene Sri Lanka. Supervisor: Julia Lee-Thorp, Michael Petraglia, U Oxford, UK
Habilitation	2022	Tropical Forests in Prehistory, History, and Modernity, U Cologne, Germany

Stages of academic/professional career	
2022–	Tenured W2 Independent Group Leader, isoTROPIC Research Group, Max Planck Institute of Geoanthropology, Jena, Germany
2022–	Lead Scientist, Department of Archaeology, Max Planck Institute of Geoanthropology, Jena, Germany
2022–	Senior Lecturer (Privatdozent), Faculty of Arts and Humanities, U Cologne, Germany
2020–	Visiting Professor, Department of Archaeology, University of the Philippines, Philippines
2020–2022	Tenured W2 Senior Scientist, Department of Archaeology, Max Planck Institute for the Science of Human History, Jena, Germany
2018–	Senior Research Fellow, School of Social Sciences, U Queensland, Australia
2017–2018	Temporary Lecturer, Department of Archaeology, FSU, Germany
2016–2020	Group Leader, Department of Archaeology, Max Planck Institute for the Science of Human History, Jena, Germany

### Activities in the Research System

2022–	Chief Section Editor, <i>Frontiers in Environmental Archaeology</i>
2022–	Faculty member, Department of Prehistoric Archaeology, U Cologne
2021–	Co-Founder of 'Pantropica: A Pan-tropical Forum and Research Network' (together with Rebecca Hamilton and others)
2020	Member of the Young Academy of Europe, Academia Europaea Cardiff Knowledge Hub, Cardiff (UK)

2020	Member of Global Young Academy, German National Academy of Sciences Leopoldina, Halle (Saale)
2018–2022	Ombudsperson, Max Planck Institute for the Science of Human History, Jena
2018–2022	Managing board, International Max Planck Research School for the Science of Human History, Jena
2016	Representative on Health and Safety, Data Protection, and Teaching Committees, Department of Archaeology, Max Planck Institute for the Science of Human History, Jena
2015, 2017	Invited participant, Exploring Frameworks for Tropical Forest Conservation Meeting of the UNESCO Office in Mexico City, Mexico

## Scientific Results

### Category A

- **Roberts, Patrick**, Jed O. Kaplan, et int, Ricarda Winkelmann. ‘Mapping our Reliance on the Tropics Can Reveal the Roots of the Anthropocene’. *Nature Ecology and Evolution* 7, 2023, 632–636. – <https://doi.org/10.1038/s41559-023-01998-x>.
- **Roberts, Patrick**, W. Christopher Carleton, et int, Jürgen Renn. ‘Using urban pasts to speak to urban presents in the Anthropocene’. *Nat Cities* 1, 2024, 30–41. – <https://doi.org/10.1038/s44284-023-00014-4>.
- Findley, David Max, Greg Bankoff, et int, **Patrick Roberts**. ‘Land Use Change in a Pericolonial Society: Intensification and Diversification in Ifugao, Philippines Between 1570 and 1800 CE’. *Frontiers in Earth Science* 10, 2022. – <https://doi.org/10.3389/feart.2022.680926>.
- **Roberts, Patrick**. *Jungle: How Tropical Forests Shaped the World and Us*. London, Viking/Penguin Random House, 2021.
- **Roberts, Patrick**, Rebecca Hamilton and Dolores R. Piperno. ‘Tropical Forests as Key Sites of the “Anthropocene”: Past and Present Perspectives’. *Proceedings of the National Academy of Sciences of the United States of America* 118(40), 2021. – <https://doi.org/10.1073/pnas.2109243118>.
- **Roberts, Patrick**, Alice Buhrich, et int, Åsa Ferrier. ‘Reimagining the Relationship between Gondwanan Forests and Aboriginal Land Management in Australia’s “Wet Tropics”’. *iScience* 24, 2021. – <https://doi.org/10.1016/j.isci.2021.102190>.
- Hamilton, Rebecca, Jesse Wolfhagen, et int, **Patrick Roberts**. ‘Non-Uniform Tropical Forest Responses to the “Columbian Exchange” in the Neotropics and Asia-Pacific’. *Nature Ecology and Evolution* 5, 2021, 1174–1184. – <https://doi.org/10.1038/s41559-021-01474-4>.
- Louys, Julien, and **Patrick Roberts**. ‘Environmental Drivers of Megafauna and Hominin Extinction in Southeast Asia’. *Nature* 586, 2020, 402–406. – <https://doi.org/10.1038/s41586-020-2810-y>.
- **Roberts, Patrick**, Chris Hunt, et int, Nicole Boivin. ‘The Deep Human Prehistory of Global Tropical Forests and its Relevance for Modern Conservation’. *Nature Plants* 3, 2017, 17093. – <https://doi.org/10.1038/nplants.2017.93>.
- **Roberts, Patrick**, Nimal Perera, et int, Julia A. Lee-Thorp. ‘Direct Evidence for Human Reliance on Rainforest Resources in Late Pleistocene Sri Lanka’. *Science* 347, 2015, 1246–1249. – <https://doi.org/10.1126/science.aaa1230>.

## Category B

- Van Dalen, Bastiaan, and **Patrick Roberts**. 'Prehistoric Human Development and Sustainability'. In *The Palgrave Handbook of Global Sustainability*, ed. by Robert Brinkmann. Cham, Palgrave Macmillan, 2023. – [https://doi.org/10.1007/978-3-030-38948-2\\_145-1](https://doi.org/10.1007/978-3-030-38948-2_145-1).

## Academic Distinctions

2024	Thuringian Research Award
2021	Heinz Maier-Leibnitz Prize of the German Research Foundation (DFG)
2019	ERC Starting Grant