



Philippe J. R. Kok

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Currently held positions

Department of Ecology and Vertebrate Zoology, Faculty of Biology and Environmental Protection

University of Lodz

ASSOCIATE PROFESSOR

Scientific profile and collaborations

Many of my research questions are derived from observations made during fieldwork. My research mostly aims at understanding **taxonomic and genetic diversity, evolutionary patterns** (and the processes that produce them), and **diversification through time and space**, using **amphibians and reptiles** as models. My current research projects are multidisciplinary and predominantly focus on the Pantepui region in northern South America where I study the **population genomics, population dynamics** and **thermal and spatial ecology** of amphibians and reptiles in environmentally hostile, highly fragmented landscapes. I use the same landscapes and model organisms to investigate the evolution of **sociality** and **cognition**. I am also conducting **collections-based research** revising the systematics of several Guiana Shield amphibian and reptile taxa. I have a substantial network of collaborators, with active collaborations mostly with colleagues from Brazil, France, French Guiana, Germany, UK, USA and Venezuela.

Selected publications

- 2023 *Ongoing declines for the world's amphibians in the face of emerging threats* [\[link\]](#)
- 2024 *Lost in space and time: robust demography and enhanced resilience buffer adverse environmental effects in a highly isolated and sedentary pre-Pleistocene landscape vertebrate* [\[link\]](#)
- 2012 *Low genetic diversity in tepui summit vertebrates* [\[link\]](#)

Research grants

Principal Investigator: 5 grants: IDUB (Poland), FWO (Belgium), MSCA (Europe), NCN (Poland)

Co-Investigator: 4 grants: CEBA (France), DGDC (Belgium)