

Personal details and date of CV

Surname: Kozlov

First name: Mikhail

Citizenship: Finland (from 1998; former citizenship: Russia, renounced in 1998)

Researcher identifiers: ResearcherID: I-5037-2013; ORCID: 0000-0002-9500-4244

Date of CV: 20 December 2024

Degrees

Degree certificates: 17.4.1986, Ph.D. in entomology, Institute of Biology, Academy of Sciences of the USSR, Novosibirsk, Russia (now Institute of Systematics and Ecology of Animals, Frunze str. 11, Novosibirsk 630091, Russia, e-mail: office@eco.nsc.ru); 22.6.1984, M.S. in Zoology, Leningrad State University, Russia (now St. Petersburg University, Universitetskaya Embankment 7-9, St. Petersburg 199034, Russia, e-mail: spbu@spbu.ru).

Title of Docent: 20.11.2012, boreal environment research, University of Helsinki; 7.3.2001, environmental ecology, University of Turku.

Current employment

01.09.2024–31.08.2028: Senior research fellow, Department of Biology, University of Turku.

Stage of academic research career: between III (independent researcher capable of academic leadership) and IV (professor).

Previous work experience

01.09.2022–31.08.2024: Visiting researcher (unemployed), Department of Biology, University of Turku. 1.8.2009–31.8.2022: Senior research fellow, Department of Biology, University of Turku. 1.8.2008–31.7.2009: Academy senior research fellow, University of Turku. 1.1.2008–31.7.2008: Senior research fellow, University of Turku. 1.9.2003–31.8.2007: Visiting professor, St. Petersburg State University, Russia. 1.8.2002–31.7.2007: Academy research fellow, University of Turku. 1.9.2000–31.8.2003: Visiting professor, Kola Science Centre, Russia. 1999–2001: Researcher, Faculty of Forestry, University of Joensuu. 1991–2002: Research assistant, project researcher, senior scientist, University of Turku. 1984–1991: Assistant, research assistant, researcher, head of research team, All-Union Institute of Plant Protection, Soviet Academy of Agriculture, St. Petersburg, Russia. 1980–1981: Teacher, Young Naturalist's Club, St. Petersburg, Russia.

Career breaks

My relocation from Russia to Finland in 1991 marked a significant career interruption. I transitioned from leading a research group in Russia to starting as an assistant in Finland. This shift resulted in an approximate five-year delay in the progression of my scientific career.

Research funding and grants

2024–2028: Principal investigator (PI hereafter), Research Council of Finland (formerly the Academy of Finland; RCF hereafter), 856,371 €. 2016–2019: Coordinator, ERANet-Lac/RCF, 495,244 €. 2014–2018: PI, RCF, 479,430 €. 2008–2009: PI, RCF, 110,300 €. 2007–2011: PI, RCF, 422,420 €. 2004–2005: PI, Maj and Tor Nessling Foundation, 66,385 €. 2003–2007: PI, RCF, 162,700 €. 2001–2003: PI, RCF, 381,210 €. 2001–2004: PI, EC, 6th Framework Programme, 233,000 €. 2000–2002: Coordinator, the Nordic Council of Ministers, 165,000 DDK. 1999–2001: PI, the Nordic Council of Ministers, 296,000 NOK. 1996–1999: PI, EC, 4th Framework Programme, 160,000 ECU. Multiple small-size grants (10,000 € or less) are not listed.

Research output

I published 429 works, including four books, two textbooks (one of which in two editions), 323 articles in peer-reviewed journals, 87 book chapters (including articles in conference proceedings) and one edited book.

During the past 10 years (2015–2024) I published 132 scientific works, including 119 peer-reviewed articles in international journals. In 98 of these 119 articles I am the single author, corresponding author or the first/last author.

Research supervision and leadership experience

I acted as coordinator of two international projects and as PI in 10 national and international projects. In early 2000s I created a productive research group at the Department of Biology of the University of Turku. In early 2010s I created an informal network aimed primarily at uniform data collection for macroecological research. To date, this network includes over 100 active members.

Supervision, post-doctoral researchers: J. Valkama (1999), A. Ruotsalainen (2003–2005), E. Toivonen (2004–2007), M. Roitto (2006–2007), V. Lanta (2009–2014). Ph.D. students: D. Grodnitsky (1988–1990), J. Eränen (2004–2008), V. Zverev (2006–2012); all these students have obtained Ph.D. degree. Interns: A. Shestakov (2016–2020), Z. Oudendijk (2020). M.Sc. students: J. Koricheva (1987–1989), M. Motorkin (1988–1990). Other students undergoing practical training: J. Rikus (2018); S. López (2019); C. Hermenau (2021).

Teaching merits

I obtained pedagogical training as a part of my University education. In 2012, the evaluation committee of the University of Helsinki graded my teaching skills as 'excellent'. In 2012, I received an award from Northern (Arctic) Federal University (Arkhangelsk, Russia) for the development of an innovative course on planning of ecological research and creation of the distance learning module.

I have developed and taught several courses for Ph.D. students and postdoctoral researchers; among them: planning of experiments and design of data collection in ecological studies; writing of research papers for international journals; scientific communications; meta-analysis; statistical analysis of ecological and environmental data.

I have contributed to the following courses: Master's Programme in Environmental Sciences; Advanced issues in biodiversity research; Ecology and evolution of plant-herbivore interactions; Research at the Department of Biology.

Other key academic merits

Acted as opponent of two doctoral dissertations (in 1987–1990) and as pre-examiner of one doctoral dissertation (2024).

Reviewed applications for research projects submitted to: Lapland Biosphere Reserve (2002, 2007), ALW Netherlands Polar Programme (2016), Swiss National Science Foundation (2020, 2022), Czech Science Foundation (2021), and Research Grants Council of Hong Kong (2022, 2024).

Reviewed applications for a post of full professor submitted to: North Carolina University (2018) and National Research Foundation of South Africa (2020).

Memberships in scientific organisations: 2015–: Herbivory Network. 2010–2024: International Union of Forest Research Organizations. 1993–2023: Finnish Lepidopterological Society. 1990–2000: Association for Tropical Lepidoptera. 1986–: European Lepidopterological Society.

Memberships in expert groups: Scientific Council of the Lapland Biosphere Reserve (2002–2009).

Member of the editorial board of Water, Air and Soil Pollution (2010–), Insects (2018–), Russian Journal of Ecology (2019–), The Open Forest Science Journal (2008–2014). Guest editor of Fron-

tiers in Ecology and Evolution.

Reviewed 400+ manuscripts (currently 15 reviews a year on average) for over 80 national and international journals.

Coordinator of IUFRO working group 8.04.08 (2016–2024; deputy coordinator: 2010–2016).

Significant invited international lectures: 2023, Xishuangbanna Tropical Botanical Garden, China; 2022, Federal University of Mato Grosso, Brazil; 2021, Laurentian University, Canada.

Organising scientific conferences: 2023–2024: Session organizer for the XXVI IUFRO World Congress 2024 (Stockholm, Sweden); 2018–2019: Session organizer for the XXV IUFRO World Congress 2019 (Curitiba, Brazil) and for the 29th IUFRO conference for Specialists in Air Pollution and Climate Change Impacts on Forest Ecosystems (Nanning, China); 2017, 2019: Organizer of the GILES consortium meetings (Lima, Peru; Curitiba, Brazil); 2017: Session organizer for the 28th IUFRO conference for Specialists in Air Pollution and Climate Change Impacts on Forest Ecosystems (Tokyo, Japan); 2016: Session organizer for the IUFRO 125th Anniversary Congress 2017 (Freiburg, Germany); 2012: Session co-organizer for the 25th International Meeting for Specialists in Air Pollution Effects on Forest Ecosystems (Kaunas, Lithuania); 1991–1992: Chairman of the organizing committee of the international workshop “Aerial pollution in Kola Peninsula” (St. Petersburg, Russia).

Scientific and societal impacts

Thanks to the financial support of the University of Turku and external funding bodies, I am increasingly promoting open science. According to WoS (all databases), by 11 December 2024 a total of 90 papers (co)authored by me were classified as open access (OA) publications. The proportion of OA papers in my scientific output increased from 50% in 2016–2020 to 75% in 2021–2024. Starting from 2015, all data on which my papers are based are openly available either from electronic repositories (Dryad, figshare) or as electronic supplements to respective publications.

I am re-using and promoting research outputs of my team and of other researchers by conducting quantitative research syntheses (mainly in the form of meta-analyses). I have co-authored 21 papers and one monograph reporting meta-analyses of diverse ecological and environmental data, three research syntheses and two conceptual syntheses.

I participate in societal interactions and contribute to decision-making in the fields of nature conservation and sustainable development mainly through the International Union of Forest Research Organisation (IUFRO), acting as its officer. I do that by reporting at scientific meetings of IUFRO working groups, task forces and world congresses, contributing to IUFRO reports directed to policy makers, and participating in scientist-stakeholder interactions. The most significant event I was invited to attend as an expert was the 12th session of the United Nations Forum on Forests, held from May 1–5, 2017, at the United Nations headquarters in New York, USA. During this forum, I delivered a talk at one of the side events.

Other

1988: Courses in higher mathematics for engineers, Leningrad State University, Russia.