

Curriculum Vitae

Orsolya Valkó

Personal data

- ❖ Place and date of birth: 1985, Budapest, Hungary
- ❖ Nationality: Hungarian
- ❖ Contact email: valkoorsi@gmail.com, valko.orsolya@ecolres.hu
- ❖ Postal address: Institute of Ecology and Botany, Centre for Ecological Research, 2-4 Alkotmány street, Vácrátót, H-2163 Hungary
- ❖ Homepage of the research group: <https://seed-ecology-research-group.webnode.hu/>
- ❖ Personal research blog: <https://deakvalko.blogspot.com/>
- ❖ Languages spoken: English (advanced language certificate); Italian (intermediate language certificate); Spanish (starter)

Education and titles

- ❖ MSc in biology, University of Debrecen, Debrecen, Hungary (2003)
- ❖ PhD in environmental sciences (2012)
- ❖ Habilitation in environmental sciences (2017)
- ❖ Doctor of the Hungarian Academy of Sciences in biological sciences (DSc, 2020)

Work experience

- ❖ Research Group leader and full professor, Lendület Seed Ecology Research Group, Institute of Ecology and Botany, Centre for Ecological Research, Vácrátót, Hungary (2020-)
- ❖ Research fellow, MTA-DE Biodiversity and Ecosystem Services Research Group, Debrecen, Hungary (2013–2019)
- ❖ Assistant professor, University of Debrecen, Department of Ecology, Debrecen, Hungary (2012–2019)

Publication track record

- ❖ Google Scholar profile: <https://scholar.google.hu/citations?user=PwD4cKcAAAAJ&hl=hu>
- ❖ Author of 115 papers in WoS, main author (first or last) in 33 papers
- ❖ Citations on Google Scholar: 6464
- ❖ H-index on Google Scholar: 50
- ❖ i-10 index on Google Scholar: 109
- ❖ Total impact factor: 501.2

Awards and honors

- ❖ L'Oreal – UNESCO for Women in Science Prize (2023)
- ❖ Bolyai Award (award to the top 14 Hungarian post doc researcher) (2020)
- ❖ Young Scientist Award of the Hungarian Academy of Sciences (2018)

- ❖ Women in Science award in Agricultural Sciences from the HAS, UNESCO and Women in Science Association (2017)
- ❖ Young Investigator Prize of the Hungarian Ecological Society (2015)
- ❖ L’Oreal – UNESCO for Women in Science Prize (2014)

Positions and Professional societies

- ❖ Working group co-chair in the *Changing Wildfires* report of the European Academies Science Advisory Council (EASAC) (2023-2024)
- ❖ Working group co-chair in the *Regenerative Agriculture* report of the European Academies Science Advisory Council (EASAC) (2021-2022)
- ❖ Head of the Scientific Committee of the Centre for Ecological Research, Budapest, Hungary (2022-)
- ❖ Member of the Ecological Scientific Committee of the Hungarian Academy of Sciences (2014-)
- ❖ Elected public body member of the Biological Scientific Division of the Hungarian Academy of Sciences (2022-)
- ❖ Member of the IUCN CEM Holarctic Steppe Specialist Group (2016-)

Professional activities

- ❖ Editor, Biological Conservation (2021-)
- ❖ Editor, Community Ecology (2019-)
- ❖ Editor, Applied Vegetation Sciences (2022-)
- ❖ Specialty chief editor, Frontiers in Ecology and Evolution, section Conservation and Restoration (2020-2022)
- ❖ Editorial board member in Tuexenia and Palaeartic Grasslands
- ❖ Chief of Guest Editors in special issues related to grassland conservation in the journal Hacquetia (2016- 2022)
- ❖ Chief organizer, Eurasian Grassland Conference (to be organized in Szarvas, Hungary in September 2023)
- ❖ Chief organizer, International Meeting for PhD students in Botany (Poroszló, Hungary, September 2022)
- ❖ Chief organizer, Reproductive Strategies from Genes to Societies - Frontiers in Plant and Animal Reproduction Research international symposium (Debrecen, Hungary, November 2019)
- ❖ Member of the scientific committee, Asian Grassland Conference (online, April 2022)
- ❖ Member of the scientific committee, Fire in the Earth System Conference (online, November 2021)

Research programs

- ❖ ‘Grassland restoration based on nature-based solutions in agricultural landscapes: drivers at micro- and macro-scales’; research excellence program of the National Research, Development and Innovation Office; 2022-2027; principal investigator

- ❖ 'Sustainable cities: Biodiversity, ecosystem services, and nature-human interface'; sustainability program of the Hungarian Academy of Sciences; 2022-2026; principal investigator
- ❖ 'Seed-based ecosystem engineering for supporting diverse and resilient ecosystems'; research excellence program of the Hungarian Academy of Sciences; 2019-2024; principal investigator
- ❖ ReNatUrE - Restoration of urban ecosystems for biodiverse, livable, and sustainable cities in Europe; project funded by the Pancivis Foundation Liechtenstein; 2022-2024; co-principal investigator
- ❖ 'Seed bank and community assembly in grassland dynamics'; research project funded by the National Research, Development and Innovation Office; 2017-2020; principal investigator
- ❖ 'Nature at home: Supporting native plant species in urban gardens'; public outreach project funded by the National Research, Development and Innovation Office; 2022-2024; principal investigator
- ❖ 'Plant diversity in fragmented rural landscapes – Linear elements and human-mediated dispersal'; research project funded by the National Research, Development and Innovation Office; 2017-2022; principal investigator
- ❖ 'The role of habitat and landscape factors in grassland community assembly'; research project funded by the National Research, Development and Innovation Office; 2014-2017; principal investigator

Conferences

Plenary lecturer at the following conferences:

- ❖ European Geosciences Union General Assembly, Online, 2020
- ❖ Reproductive strategies from genes to societies – Frontiers in animal and plant reproduction research. Debrecen, Hungary, 2019
- ❖ Global Paleofire Working Group Workshop. Frankfurt am Main, Germany, 2016
- ❖ Sustainable development in the Carpathian basin conference, Budapest, Hungary, 2014
- ❖ Hungarian Ecological Congress, Veszprém, Hungary, 2015
- ❖ Science Celebration, Miercurea Ciuc, Romania, 2014

Organizer of special sessions or workshops at the following conferences:

- ❖ Conference of Grasslands - Ecology, Management and Restoration (Hildesheim, Germany, 2013)
- ❖ European Conference on Ecological Restoration (Oulu, Finland, 2014)
- ❖ Society for Ecological Restoration – SER 2016 Conference (Freising, Germany, 2016)
- ❖ International Association for Vegetation Science, International Symposium (Palermo, Italy, 2017)

Best presentation awards at the following conferences:

- ❖ Island Biology Conference; St Denis, La Réunion, France, 2020

- ❖ Community Ecology Conference; Budapest, Hungary, 2017
- ❖ Eurasian Dry Grassland Conference; Sighisoara, Romania, 2016
- ❖ Eurasian Dry Grassland Conference Tula, Russia, 2014
- ❖ Eurasian Dry Grassland Conference Zamosc, Poland, 2013
- ❖ Eurasian Dry Grassland Conference Uman, Ukraine, 2011

Participated in international conferences with 199 presentations and Hungarian conferences with 155 presentations so far