

Gerda Kymantiėnė (former surname – Junevičiūtė)

CONTACT INFORMATION

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EDUCATION AND ACADEMIC DEGREE

- 2023 – – to present Doctoral studies in the field Ecology and Environmental Science of Nature Research Centre (Vilnius, Lithuania). Laboratory of Plant Pathology. Dissertation topic: „Communities of xylophilic fungi in managed and ancient (old-growth) forest“. Study aim: to compare communities of xylophilic fungi inhabiting wood of Scots pine (*Pinus sylvestris* L.), Norway spruce (*Picea abies* (L.) Karst.), common oak (*Quercus robur* L.) and silver birch (*Betula pendula* L.) in intensively managed and relatively undisturbed (old-growth) forest ecosystems. Scientific supervisor: dr. Vaidotas Lygis.
- 2016 – 2020 Master's studies at Vytautas Magnus University Agriculture Academy (VDU ŽŪA, Kaunas-Akademija, Lithuania). Master's degree in *Forestry*. Master's thesis title: „Intra- and inter-specific interactions research in mixed stand of Scots pine (*Pinus sylvestris* L.) and European beech (*Fagus sylvatica* L.)“. The aim of the study was to find out how tree species (pine and beech) influence each other's growth through the mechanism of intra- and inter-species competition. Scientific supervisor: doc. dr. Edgaras Linkevičius.
- 2012 – 2016 Bachelor's studies at Vytautas Magnus University Agriculture Academy (VDU ŽŪA, Kaunas-Akademija, Lithuania). Bachelor's degree in *Forestry*. Bachelor's thesis title: „Bioaccumulation of heavy metals by woody plants grown on contaminated substrate“. The aim of the study was to assess efficiency of heavy metals to be transferred from the growing substrate to the tissue of woody plants as well as capability of the selected plant species to accumulate heavy metals in different plant parts: roots, stems and leaves. Scientific supervisor: prof. dr. Valdas Paulauskas.

PROFESSIONAL EXPERIENCE

- 2017 – to present **State Forest Enterprise, specialist at the Land Management Department.** Activities include preparation of nature conservation part of the internal forest management projects for forests administrated by the regional divisions of the State Forest Enterprise; design of landscape management tools related to the protection and preservation of biological diversity, work with ArcGis software – mapping of protected objects, design of landscape management measures with *ArcMap*; coding and data processing of landscape management tools and protected objects in the SQL database.

PUBLICATIONS (*scientific articles*)

1. Neteckis, Adomas; Paulauskas, Valdas; Kasiulienė, Alfreda & **Junevičiūtė, Gerda** (2019). Biomass bottom ash recycling as pavement base. In: Proceedings of the 9th International Scientific Conference "**Rural Development 2019: Research and Innovation for Bioeconomy**" (ed. Raupelienė, A.); September 26-28, 2019; Vytautas Magnus University Agriculture Academy, Kaunas, Akademija, Lithuania. DOI: <http://doi.org/10.15544/RD.2019.045>
2. Linkevičius, Edgaras & **Junevičiūtė, Gerda** (2020). Effect of Competition and Climatic Conditions on the Growth of Beech in the Mixed Pine Beech Stand: Lithuanian Case Study. **Environmental Sciences Proceedings** 3(1): 49. DOI: <https://doi.org/10.3390/IECF2020-07961>

PARTRICIPATION IN SCIENTIFIC CONFERENCES

1. Neteckis, Adomas; Paulauskas, Valdas; Kasiulienė, Alfreda & **Junevičiūtė, Gerda** (2019). Oral presentation "Biomass bottom ash recycling as pavement base". 9th International Scientific Conference "Rural Development 2019: Research and Innovation for Bioeconomy"; September 26-28, 2019; Vytautas Magnus University Agriculture Academy, Kaunas, Akademija, Lithuania.