

# Audronė Petrauskienė

## CONTACT INFORMATION

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## EDUCATION AND ACADEMIC DEGREE

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2003 – 2008 Biomedical Sciences, Zoology (05 B) Doctorate degree (Vilnius university and Institute of Ecology).  
Dissertation title: “Microarthropod complexes and their bioindicator properties in naturally regenerating and recultivated soils”, research supervisor – dr. P. Ivinskis, consultant supervisor – Prof. Dr Habil. I. Eitminavičiūtė.  
Research area: influence of anthropogenic factors on pedobionts; bioindication of microarthropod complexes.

2001 – 2003 Vilnius University Faculty of Natural Sciences, Ecology / Master’s degree.  
Subject of master's thesis: “The effect of cadmium (Cd) in sewage sludge composting process on earthworms survival and reproduction ”.  
The work was done in the laboratory of soil ecology, Institute of Ecology.  
Research area: effects of heavy metals on the survival and reproduction on the earthworms *Eisenia fetida* „californica“.

1997 – 2001 Vilnius University Faculty of Natural Sciences, Ecological biology / Bachelor’s degree.  
Bachelor thesis topic: “The role of earthworms in organic waste destruction processes”.  
The work was done in the laboratory of soil ecology, Institute of Ecology.  
Research area: Survival conditions of earthworms *Eisenia fetida* „californica“ in different sludge composts.

## PROFESSIONAL EXPERIENCE

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2009 01 – until now **Researcher**  
Laboratory of entomology, Nature Research Centre

2007 10 – 2009 01 **Junior researcher**  
Laboratory of entomology, Institute of Ecology

2006 08 – 2006 09 **Biologist**  
Laboratory of entomology, Institute of Ecology

2003 10 – 2008 09 **PhD student**  
Laboratory of entomology, Institute of Ecology

2002 08 – 2003 06 **Senior laboratory assistant**  
Laboratory of soil ecology, Institute of Ecology

## RESEARCH INTERESTS

Research area: environmental monitoring; assessment of the impact of environmental changes on pedobionts; studies on the structure of microarthropod populations; identification of oribatid mites by microscopic analysis; bioindication.

## PUBLICATIONS

*Scientific articles published in journals (books), indexed in „Clarivate Analytics Web of Science“ database (with citation index):*

1. **Petrauskiene, A.**; Irsenaite, R.; Taraskevicius, R.; Matuleviciute, D.; Motiejūnaite, J (2022). Significant impact of allochthonous nutrient loads on microarthropods in forest soils. *Forest Systems*, Volume 31, Issue 2, e015. <https://doi.org/10.5424/fs/2022312-19008>
2. Taraškevičius R., Radžiūnienė J., Zinkutė R., **Petrauskienė A.**, Jankauskaitė M. 2016. Conditions to obtain results analysing a small amount of plant material by EDXRF. *Chemija*. 27 (2): 114–122.

## PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

2010 – 2011 **researcher** „ Invasive species impact of changes in the biotic and abiotic ecosystem components: the case of cormorants (CORMORANTS) “. Nacional scientific research program.

## PARTICIPATION IN SCIENTIFIC CONFERENCES

*International scientific conferences:*

1. Taraškevičius R., Radžiūnienė J., Zinkutė R., **Petrauskienė A.** 2011. Lack of some plant material: selection of suitable dilution factor for pressed pellets measured by EDXRF. Programme and Abstracts. The 25<sup>th</sup> International Applied Geochemistry Symposium 2011, 22-26 August 2011, Rovaniemi, Finland. Vuorimiesyhdistys – Finnish Association of Mining and Metallurgical Engineers: 134.

*National scientific conferences:*

1. Motiejūnaitė J., Adamonytė, G., Dagys M., Kačergius A., Kasparavičius J., Kutorga E., Markovskaja S., Matulevičiūtė D., **Matusevičiūtė A.**, Pečiulytė D., Taraškevičius R. 2012: Forest under impact of cormorant colony – plants, fungi, lichens, soil microorganisms and microarthropods. In: Joint International Conference “Biological reactions of Forests to Climate Change and Air Pollution” organized by IUFRO Research Group 7.01.00, COST Action FP 0903, ENVeurope Project, ICP Integrated Monitoring Programme, North American Air Pollution Workshop, European Long-Term Ecosystem Research Network. Abstracts and Programme. 18<sup>th</sup>-27<sup>th</sup> May 2012, Kaunas, Lithuania, Aleksandras Stulginskis University. Book of Abstracts: 251.

## OTHERS

1. **Petrauskienė A.** 2012. Dirvožemis – gyvas gamtos kūnas. *Aplinka: darna, atsakomybė, apsauga*. Nr. 11: 18–21.
2. **Petrauskienė A.** 2022. Oribatidinės erkės – neatsiejama sveiko dirvožemio dalis. *Mano ūkis*. Nr. 11.