

Neringa Gastevičienė

CONTACT INFORMATION

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EDUCATION AND ACADEMIC DEGREE

- 2015 – 2021 PhD in Natural Science, Geology (N 005) (Vilnius University and Nature Research Centre).
Dissertation topic: “Late Glacial and Early Holocene climate dynamics in the southeastern Baltic region based on Chironomidae data“, supervisor – dr. V. Šeirienė.
Research interests: analysis of the Late Glacial and Early Holocene Chironomidae evolution in the lake/bog sediment section. Mean July temperature reconstruction.
- 2000 – 2002 Master's degree in Ecological and Environmental sciences, Centre of Environmental Studies, Vilnius University.
Master's topic: “Effects of auxin analogues on the ecological characteristics and productivity of winter rape ”.
The work was completed in the Laboratory of Plant Physiology, Institute of Botany.
Research interests: effect of auxin analogues TA-12 and TA-14 on rape growth depending on ecological conditions (air temperature, precipitation, soil fertility).
- 1996 – 2000 Bachelor's degree in Biology at Vilnius Pedagogical University.
Bachelor's topic: „Regulation of growth and development of oilseed rape by physiological auxin analogues”.
The work was completed in the Laboratory of Plant Physiology, Institute of Botany.
Research interests: regulation of rape development, auxin analogues: TA-12, TA-14.

PROFESSIONAL EXPERIENCE

- 2022 03 – until **Researcher**
now Laboratory of Quaternary Research, Nature Research Centre
- 2015 07 – 2022 03 **Technical assistant**
Laboratory of Quaternary Research, Nature Research Centre
- 2015 10 – 2021 10 **PhD student**
Laboratory of Quaternary Research, Nature Research Centre
- 1998 10 – 2005 09 **Technical assistant**
Laboratory of Plant Physiology, Institute of Botany

RESEARCH INTERESTS

Primary research interests are the study and identification of fossil Chironomidae (Diptera) larvae

as indicators of past environmental changes. To reconstruct mean July temperature changes during the late Glacial and Early Holocene based on chironomid data.

PUBLICATIONS

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

1. Stančikaitė, M., Zernitskaya, V., Kluczynska, G., Valūnas, D., Gedminienė, L., Uogintas, D., Skuratovič, Ž., Vlasov, B., **Gastevičienė, N.**, Ežerinskis, Ž., Šapolaitė, J., Šeirienė, V. 2022. The Lateglacial and Early Holocene vegetation dynamics: new multi-proxy data from the central Belarus // Quaternary international. ISSN 1040-6182. eISSN 1873-4553. 2022, vol. 630, p. 121-136. DOI: 10.1016/j.quaint.2021.05.004.
2. Šeirienė, V., **Gastevičienė, N.**, Luoto, T.P., Gedminienė, L., Stančikaitė, M. 2021. The Lateglacial and early Holocene climate variability and vegetation dynamics derived from chironomid and pollen records of Lieporiai palaeolake, North Lithuania // Quaternary International. ISSN 1040-6182. Vol. 605-606, p. 55-64. DOI: 10.1016/j.quaint.2020.12.017.
3. Gedminienė, L., Šiliauskas, L., Skuratovič, Ž., Taraškevičius, R., Zinkutė, R., Kazbaris, M., Ežerinskis, Ž., Šapolaitė, J., **Gastevičienė, N.**, Šeirienė, V., Stančikaitė, M. 2019. The Lateglacial-Early Holocene dynamics of the sedimentation environment based on the multi-proxy abiotic study of Lieporiai palaeolake, Northern Lithuania // Baltica. Vilnius: Gamtos tyrimų centras. ISSN 0067-3064. eISSN 1648-858X. vol. 32, no. 1, p. 91-106. DOI: 10.5200/baltica.2019.1.8.

Scientific articles published in journals (books), indexed in „Clarivate Analytics Web of Science“ database (without citation index):

1. Šeirienė, V.; **Gastevičienė, N.**; Stančikaitė, M.; Gedminienė, L. 2020. The record of postglacial environmental changes of the lake sediment section, north Lithuania // Регіональні геоecологічні проблеми в умовах сталого розвитку : збірник наукових праць : Четверта міжнародна науково-практична конференція (Рівне, 22–24 вересня 2020 р.). Рівне: видавець О. Зень, 2020. ISBN 9786176013334. p. 47-54

Scientific articles published in conference proceedings, indexed in „Clarivate Analytics Web of Science“ database:

1. **Gastevičienė, N.** 2016. Preliminary results of Lieporiai palaeolake sediments according to subfossil chironomid. Geologija. Geografija: Vol. 2, No. 4: Vilnius, Lithuania. ISSN 2351-7549, eISSN 2424-3205
2. **Gastevičienė, N.** 2016. Palaeoclimatic and palaeoenvironmental reconstructions according to subfossil Chironomid (Diptera-Chironomidae) analysis Geologija. Geografija: Vol. 1, No. 4: Vilnius, Lithuania. ISSN 2351-7549, eISSN 2424-3205.

Other reviewed scientific publications (books, books' chapters, collections of articles, articles, textbooks and etc.):

1. **Gastevičienė, N.**, Šeirienė, V., Luoto, P.T., Stančikaitė, M. 2022 Climatic variations during the Late Glacial and Early Holocene in Lithuania according to Chironomidae research // Quaternary of the Eastern Baltic Region : excursion guide and abstracts of international field symposium:, 10-15 September, Latvia-Lithuania, 18-20. Vilnius, Nature Research Centre,. ISBN 9786098255102.

2. **Gastevičienė, N.**; Šeirienė, V.; Luoto, T.P.; Stančikaitė, M.; Zernitskaya, V.P.; Gedminienė, L. 2022. The Lateglacial and Early Holocene climate and environmental changes based on the Chironomidae study of the north Lithuania and central Belarus // 80th International Scientific Conference of the University of Latvia, Abstract book. 1.
3. Gedminienė, L., **Gastevičienė, N.**, Stančikaitė, M., Šiliauskas, L., Šeirienė, V., Kisielienė, D. Lateglacial and Early Holocene(a)biotic environment in response to climatic shifts: an example from Lieporiai Lake, Northern Lithuania. INQUA Peribaltic Working Group Meeting and Excursion, Finland. Excursion guide and Abstract book, 165–166
4. **Gastevičienė, N.**, Gedminienė, L.; Šeirienė, V., Kisielienė, D., Stančikaitė, M. 2017. Chironomid inferred postglacial environmental changes in lake sediments of North Lithuania // Quaternary stratigraphy and hominids around Europe : INQUA-SEQS conference Abstract book, 1.

PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

2017 – 2022 **Junior researcher** in the LMT-funded group project "Holocene multi-proxy environmental reconstructions and climate dynamics: spatial and temporal context (HOCE)" S-MIP-17-133.

INTERNSHIP AND TRAINING

2022 08/09 The international workshop on fossil chironomids. Bazel University, Switzerland

2018 08 The international summer school for young scientist „Coastal zone of the sea: research, management and prospects“ Federal Immanuel Kant Baltic University, Kaliningrad, Russian Federation.

2017 01/02 1st European workshop on Chironomidae identification methodology (EWCIM). University of Niš, Serbia

2016 05 Training course of Chironomidae laboratory preparation. Southampton University, faculty of natural and Environmental science, United Kingdom.

2015 04 Intensive training courses „methods and Interpretations in Palaeoclimate research“. Tartu University, Estonia

PARTICIPATION IN SCIENTIFIC CONFERENCES

International scientific conferences:

1. **Gastevičienė N.**, Šeirienė V., Luoto T.P, Stančikaitė M. 2022. International field symposium “*Quaternary of the Eastern Baltic Region*”, 10-15 September, Latvia-Lithuania.
2. **Gastevičienė N.**, Stančikaitė M., Luoto T.P., Šeirienė V. 2022. Willi Dansgaard Centenary Symposium, 29-30 August, Copenhagen, Denmark.
3. **Gastevičienė, N.**; Šeirienė, V.; Luoto, T.P.; Stančikaitė, M.; Zernitskaya, V.P.; Gedminienė, L. 2022. 80th International Scientific Conference of the University of Latvia, 4 - february Riga, Latvia
4. **Gastevičienė N.**, Gedminienė L., Šeirienė V., Kisielienė D., Stančikaitė M. 2017 Quaternary stratigraphy and hominids around Europe: INQUA-SEQS conference 2017, Tautavel. France
5. Gedminienė, L., **Gastevičienė, N.**, Stančikaitė, M., Šiliauskas, L., Šeirienė, V., Kisielienė. D. 2017. INQUA Peribaltic Working Group Meeting and Excursion, Finland.

National scientific conferences:

1. **Gastevičienė N.** 2021. The 7th annual conference of PhD geology students, 16 Dezember. Vilnius University, Vilnius, Lithuania
2. **Gastevičienė N.** 2016. The 2th annual conference of PhD geology students, 24 November. Vilnius University, Vilnius, Lithuania
3. **Gastevičienė N.** 2015. The 1th annual conference of PhD geology students, 19 November. Vilnius University, Vilnius, Lithuania.
4. Gryguc G., Kisielienė D., Stančikaitė M., Šeirienė V., Mažeika J., Taraškevičius R., **Gastevičienė N.** 2015. The International conference "Recent archaeological research" 27-28 November. Anykščiai, Lithuania.