Vaida Šeirienė

CONTACT INFORMATION

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	(7) Vaida Seiriene - Academia.edu
	Vaida Seiriene | LinkedIn

EDUCATION AND ACADEMIC DEGREE

1987 – 1996	Natural sciences area (N 000) geology field (N 005) doctor degree (Vilnius University ir Institute of Geology). Dissertation theme: “The peculiarities of interglacial diatom flora and its significance to stratigraphy and palaeogeography”. Investigation area: micropaleontology – Pleistocene diatom flora evolution Work performed at the Institute of Geology.
1979–1984	Vilnius University, specialization Hidrogeology and engineer geology. Work theme: “"Geological history of the Lithuanian coastal zone on the basis on diatom analysis data". Work performed at the Vilnius University. Investigation area: palaeogeography and geology.

PROFESSIONAL EXPERIENCE

2009 – until now	**Head of the Quaternary Research laboratory** (2010-year Institute of Geology and Geography joined to Nature Research Centre).
1998 – until now	**Senior Researcher** (Quaternary Research Department, Institute of Geology and Geography)
1993 – 1997	**Researcher** (Quaternary Research Department, Institute of Geology and Geography)
1984 – 1993	**Junior researcher** (Quaternary Research Department, Institute of Geology)

RESEARCH INTERESTS

Investigation area: Diatom flora evolution during the Quaternary; lake sediments investigations (palaeobasin evolution, water level and ecological conditions changes, eutrophication etc.); paleoclimate dynamics; Baltic Sea development; Quaternary sediment stratigraphy.

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,* 630: 121–136.
2. Bitinas, A., Molodkov, A., Damušytė, A., Grigienė, A., Satkūnas, J., **Šeirienė, V**., Šlauteris, A., 2022. Reconstruction of the geological history of the Lithuanian maritime region from MIS 6 to MIS 3. *Quaternary International,* 617: 4–20.
3. **Šeirienė, V**., Karabanov, A., Baltrūnas, V., Karmaza, B., Katinas, V., Pukelytė, V., Rylova, T., Demidova, S., 2021. Correlation of Eemian sections in Lithuania and Belarus based on palaeomagnetic, radioisotope and palaeobotanic data. *Geological Quarterly, 65 (3*): art. no. 46.
4. **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,* 605: 55–64.
5. Spiridonov, A., Vaikutienė, G., Stankevič, R., Druzhinina, O., **Šeirienė, V**., Subetto, D., Kublitsky, J., Stančikaitė, M., 2021. Response of freshwater diatoms to cold events in the Late Pleistocene and Early Holocene (SE Baltic region). *Quaternary International, 589*: 112–123.
6. Felde, V.A., Flantua, S.G.A., Jenks, C.R., Benito, B.M., De Beaulieu, J.L., Kunes, P., Magri, D., Nalepka, D., Risebrobakken, B., ter Braale, C.J.F., Allen, J.R.M., Granoszewski, W., Helmens, K.F., Huntley, B., Kondratienė, O., Kalnina, L., Kupryjanowicz, M., Malkiewicz, M., Milner, A.M., Nita, M., Noryskiewicz, B., Pidek, I.A., Reille, M., Salonen, J.S., **Šeirienė, V.,** Winter, H., Tzedakis, P.C., Birks, H.J.B., 2020. Compositional turnover and variation in Eemian pollen sequences in Europe. *Vegetation History and Archaeobotany*, 29 (1): 101–109.
7. **Šeirienė, V**., Šinkūnas, P., Stančikaitė, M., Kisielienė, D., Gedminienė, L., 2019. Late Middle Pleistocene interglacial sediments from Buivydziai site, eastern Lithuania: A problem of chronostratigraphic correlation. *Quaternary International*, 534: 18-29.
8. Gedminienė, L., Šiliauskas, L., Skuratovič, Z., 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*, 32 (1): 63-77.
9. Zernitskaya V., Stančikaitė M., Vlasov B., **Šeirienė V.,** Kisielienė D., Gryguc G., Skipitytė R., 2015. Vegetation pattern and sedimentation changes in the context of the Lateglacial climatic events: case study of Staroje Lake (Eastern Belarus). *Quaternary International,* 386: 70-82.
10. **Šeirienė, V**., Karabanov, A., Rylova, T., Baltrūnas, V., Savchenko, I., 2015. The Pleistocene stratigraphy of the south-eastern sector of the Scandinavian glaciation (Belarus and Lithuania): a review. *Baltica,* 28 (1): 41-50.
11. Zinkutė, R., Baltrūnas, V., Taraškevičius, R., Karmaza, B., Stakėnienė, R., **Šeirienė, V**., Kisielienė, D., 2015. Quaternary interglacial sediments as possible natural sources of arsenic and molybdenum anomalies in stream sediments in Lithuania. *Journal of Environmental Engineering and Landscape Management,* 23 (1): 60-70.
12. Stančikaitė, M., **Šeirienė, V.,** Kisielienė, D., Martma, T., Gryguc, G., Zinkutė, R., Mažeika, J., Šinkūnas, P., 2015. Lateglacial and early Holocene environmental dynamics in northern Lithuania: a multi-proxy record from Ginkunai Lake. *Quaternary International,* 357: 44-57.
13. **Šeirienė, V**., Kühl, N., Kisielienė, D., 2014. Quantitative reconstruction of climate variability during the Eemian (Merkinė) and Weichselian (Nemunas) in Lithuania. *Quaternary Research,* 82 (1): 229-235.
14. Baltrūnas, V., Zinkutė, R., **Šeirienė, V**., Karmaza, B., Katinas, V., Kisielienė, D., Stakėnienė, R., Pukelytė-Baltrūnienė, V., 2014. The earliest Pleistocene interglacials in Lithuania in the context of global environmental change. Geological Quarterly, 58 (1): 145-162.
15. Gryguc, G., Kisielienė, D., Stančikaitė, M., **Šeirienė, V**., Skuratovič, Ž., Vaitkevičius, V., Gaidamavičius, A., 2013. Holocene sediment record from Briaunis palaeolake, Eastern

Lithuania: history of sedimentary environment and vegetation dynamics. *Baltica,* 26 (2): 121-136
16. Baltrūnas, V., **Šeirienė, V**., Molodkov, A., Zinkutė, R., Katinas, V., Karmaza, B., Kisielienė, D., Petrošius, R., Taraškevičius, R., Piličiauskas, G., Schmölcke, U., Heinrich, D., 2013. Depositional environment and climate changes during the late Pleistocene as recorded by the Netiesos section in southern Lithuania. *Quaternary international,* 292: 136–149
17. Baltrūnas, V., Zinkutė, R., **Šeirienė, V**., Katinas, V., Karmaza, B., Kisielienė, D., Taraškevičius, R., Lagunavičienė, L., 2013. Sedimentary environment changes during the Early-Middle Pleistocene transition as recorded by the Daumantai sections in Lithuania. *Geological Quarterly,* 57 (1): 45–59
18. **Šeirienė, V**., Stančikaitė, M., Kisielienė, D., 2011. Development of palaeobotanical studies at the Institute of Geology and Geography. *Baltica,* 24 (SI): 43–46
19. **Šeirienė, V**., Kabailienė, M., Kasperovičienė, J., Mažeika, J., Petrošius, R., Paškauskas, R., 2009. Reconstruction of postglacial palaeoenvironmental changes in eastern Lithuania: evidence from lacustrine sediment data. *Quaternary international*, 207 (1-2), 58-68.
20. Stančikaitė, M., Šinkūnas, P., Risberg, J., **Šeirienė, V**., Blažauskas, N., Jarockis, R., Karlsson, S., Miller, U., 2009. Human activity and the environment during the Late Iron Age and Middle Ages at the Impiltis archaeological site, NW Lithuania. Quaternary international, 203 (1-2) 74-90.
21. Stančikaitė, M., Šinkūnas, P., **Šeirienė, V.,** Kisielienė, D., 2008. Patterns and chronology of the Lateglacial environmental development at Pamerkiai and Kašučiai, Lithuania, *Quaternary science rewiews,* 27 (1-2), 127-147.
22. Ambrosiani, K. G., Lind, Bo B., Miller, U., Robertsson, A.-M., **Šeirienė, V.,** 1998. Relocated interglacial lacustrine sediments from an esker at Snickarekullen, S.W. Sweden. *Vegetation history and archaeobotany,* 7 (4), 203-218.

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

1. Baltrūnas, V., Šinkūnas, P., Karmaza, B., Dundulis, K., Česnulevičius, A., Kazakauskas, V., **Šeirienė, V.**, Kukytė, D., Januševičiūtė, E. 2008. Till as natural isolating cover and its sedimentation in glacial environment. *Environmental engineering: the 7th international conference: selected papers,* May 22-23, 2008, Vilnius, Lithuania. Vol. 1. Vilnius: Technika, 2008. ISBN 9789955282631. P. 65-70.

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

1 Kovalchuk, I. P., Martyniuk, V. O., **Šeirienė, V**., 2020. The basin-landscape approach to the protection and condition optimization of the lakes of the national parks. *Visnyk of V.N. Karazin Kharkiv National University-series Geology geography ecology.* Kharkiv: V.N. Karazin Kharkiv National University. ISSN 2410-7360. eISSN 2411-3913. 2020, No. 53, p. 239-254. DOI: 10.26565/2410-7360-2020-53-18.
2 Kondratienė, O., **Šeirienė, V**., 2003. Vegetation and climate of the Butenai Interglacial (Holsteinian) in Lithuania. *Geological quarterly*, 47 (2) 139-148. ISSN 1641-7291.

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

1. **Šeirienė, V**., Stančikaitė, M., Kisielienė, D., Šinkūnas, P., 2006. Lateglacial environment inferred from palaeobotanical and 14C data of sediment sequence from Lake Kašučiai, West Lithuania. *Baltica,* 19 (2), 80-90. ISSN 0067- 3064
2. **Šeirienė, V.,** Kondratienė, O., 2005 Vegetation and climate changes during Merkine Interglacial (Eemian) in Lithuania. *Polish geological institute special paper,*. 16 103-108. ISSN 1507-9791.
3. Stančikaitė, M., Guobytė, R., **Šeirienė, V**., 1999. Aerofotografinis bei paleobotaniniai tyrimo metodai ir galimybės juos taikyti archeologijoje = Aerial photographic interpretation and palaebotanical methods and their application in archaeology. *Lietuvos archeologija,* 16, 67-78. ISSN 0207-8694.
4. Blažauskas, N., Jarockis, R.; Juodagalvis, V.; Jurgaitis, A., Merkevičius, A., Stančikaitė, M., **Šeirienė, V.**, Šinkūnas, P., 1999. Kompleksiniai poledynmečio gamtinių sąlygų ir ūkinės veiklos tyrimai šiaurės vakarų Lietuvoje. *Geologijos akiračiai,* 4, 17-27. ISSN 1392-0006.

Reviewed scientific articles, published in Lithuania:

1. Rylova, T., Baltrūnas, V., Karabanov, A., **Šeirienė, V**., Savchenko, I., Demidova, S., Karmaza, B., Kisielienė, D., 2014. Pleistocene chronostratigraphical correlation chart for Belarus and Lithuania. *Geologija,* 56 (1) 36. ISSN 1392-110X. 2014
2. **Šeirienė, V.,** Rylova, T., Karabanov, A., Baltrūnas, V., Savchenko, I., Demidova, S., Karmaza, B., Kisielienė, D. 2014. Problems of the stratigraphy of the Pleistocene of Belarus and Lithuania in the light of new data. *Geologija*., 56 (1), 38 ISSN 1392-110X. 2014
3. Baltrūnas, V., Karmaza, B., Katinas, V., **Šeirienė, V**., Zinkutė, R., 2014. Some corrections in the stratigraphy of the quaternary of Lithuania. *Geologija,* 56 (1), 7. ISSN 1392-110X.
4. Stančikaitė, M., Kisielienė, D., **Šeirienė, V**., 2012. Palaeobotanical investigations in Lithuania: old traditions and new approaches. *Archaeological investigations in independent Lithuania,* 1990-2010. P. 416-419. ISBN 9789955991373
5. Česnulevičius, A., **Šeirienė, V.,** Kazakauskas, V., Baltrūnas, V., Šinkūnas, P., Karmaza, B., 2009. Morphology and sediments of ice-dammed lake after its outburst, West Greenland. *Geologija*, 51 1/2 (65/66), 42-52. DOI: 10.2478/v10056-009-0005-1.
6. Česnulevičius, A., **Šeirienė, V**., 2009. Transformation of landforms and sediments in the periglacial setting of West Greenland. *Geologija,* 51 (1/2), 33-41. DOI: 10.2478/v10056-009-0004-2.
7. **Šeirienė, V.,** Mažeika, J., Petrošius, R., Kabailienė, M., Kasperovičienė, J., Paškauskas, R., 2008. Lake sediments – a chronicle of natural and anthropogenic changes. *Geologijos Akiračiai,* 2, 29-34. ISSN 1392-0006
8. Šinkūnas, P., Stančikaitė, M., **Šeirienė, V**., Kisielienė, D., Barzdžiuvienė, V., Blažauskas, N. Environmental changes in the Ūla and Katra upper reaches during the last 14,000 years, 2005. *Acta zoologica,* 15 (2) 173-178.
9. Jarockis, R. Šinkūnas, P., Stančikaitė, M., **Šeirienė, V**., Blažauskas, N., 2005. Impilties piliakalnio gamtinės ir kultūrinės aplinkos raida: kompleksinio tyrimo rezultatai. *Praeities puslapiai: archeologija, kultūra, visuomenė* [mokslinių straipsnių rinkinys]: skiriama archeologo prof. habil. dr. Vlado Žulkaus 60-ties metų jubiliejui ir 30-ties metų mokslinės veiklos sukakčiai. Klaipėda: Klaipėdos universiteto leidykla. P. 95-124. ISBN 9955180110.

10. **Šeirienė, V**., Kondratienė, O., 2005. Changes of interglacial vegetation and climate. Evolution of geological environment in Lithuania [Elektroninis išteklius]. Vilnius: Institute of geology and geography, 120-124. ISBN 995555505X
11. **Šeirienė, V**., Kondratienė, O., 2004. Tarpledynmečių augalijos bei klimato kaitos ypatybės. *Lietuvos Žemės gelmių raida ir ištekliai : "Litosfera*", 278-291. ISBN 9955555041.
12. Bitinas, A., Kondratienė, O., **Šeirienė, V.,** 2003. Tarpledynmečių ežerų nuosėdos Kintų-19 pajūryje (Pajūrio žemuma, Vakarų Lietuva). Geologija, 44, 48-61. ISSN 1392-110X. 2003.
13. **Šeirienė, V.,** Grigienė, A., 2001. Augalijos, gyvūnijos ir klimato charakteristika. *Stone Age in South Lithuania (according to geological, palaeogeographical and archaeological data***)**.. ISBN 9986615283. p. 33- 41.
14. Šinkūnas, P., Stančikaitė, M., **Šeirienė, V**., Kisielienė, D., 2001. Pamerkių atodangos tyrimų rezultatai. . *Stone Age in South Lithuania (according to geological, palaeogeographical and archaeological data* Vilnius, 2001. ISBN 9986615283. p. 55-66.
15. Šinkūnas, P., Stančikaitė, M., **Šeirienė, V**., Kisielienė, D., Blažauskas, N., Barzdžiuvienė, V. 2001. Ūlos atodangų tyrimų rezultatai. *Stone Age in South Lithuania (according to geological, palaeogeographical and archaeological data*). Vilnius, 2001. ISBN 9986615283. p. 67-81.
16. Kondratienė, O., **Šeirienė, V.,** 2000. Some palaeogeographical features of Merkinė (Mikulin, Eemian) Interglacial according to palynological data. *Litosfera, 4,* 27-35. ISSN 1392-334X.
17. Blažauskas, N., Kisielienė, D., Kučinskaitė, V., Stančikaitė, M., **Šeirienė, V**., Šinkūnas, P., 1998. Late glacial and holocene sedimentary environment in the region of the Ūla river. *Geologija.* 25, 20-30.
18. Stančikaitė, M., **Šeirienė, V**., Šinkūnas, P., 1998. The new results of Pamerkys outcrop, South Lithuania, investigations. *Geologija*, 23, 77-88.

PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

2017-2020	**principal implementer** researcher groups projects "Holocene multi-proxy environmental reconstructions and climate dynamics: spatial and temporal context" (HOCE), Nr. S-MIP-17-133; Research Council of Lithuania.
2013 – 2014	**project leader „**Geological correlation and palaeoenvironmental reconstructions of the Pleistocene of Belarus and Lithuanian cross-border area" (TAP-LB-12-012). Lithuanian –Belarus cooperation programme in the fields of research and technologies.
2011 – 2013	**project leader of Lithuanian part** „Biotic response to climate change in cold climates" (BIOCOLD), Nordic Council of Ministers (NordForsk).
2011 – 2014	**principal implementer** Nacional scientific programm „Lithuanian ecosystems: climate changes and human impact"(PALEOAUGALIJA) project „Expansion of palaeovegetation in the context of the postglacial ecosystem dynamics in the eastern Baltic region". Research Council of Lithuania.
2010 – 2013	**principal implementer** "Palaeoenvironmental development in Northern Estonia during Marine Isotope Stage 5 (~130 to 70 ka ago)"; Estonian Science Foundation.
2010 – 2011	**project leader** researcher groups projects „Chronology and interregional correlation of Lithuanian Quaternary palaeoclimate events" (MIP-10358), Research Council of Lithuania.

2010 – 2011 **principal implementer** Nacional scientific programme: „Lithuanian ecosystems: climate changes and human impact“ project ”Cyclicity and dynamics of palaeoenvironmental changes during Quaternary warm periods, their peculiarities and models” (Nr. LEK-01/2010); Research Council of Lithuania.

2007 – 2009 **principal implementer** “Holocene paleoclimate investigations of the Nordic region” (NEPAL - Nordic Network of Palaeoclimatology investigations); Nordic Council of Ministers (NordForsk);

2007 – 2009 **principal implementer** priority science field „Ecosystems and climate changes” scientific research project „Indications of climate change in the sediment records of last glacial-interglacial cycle“ (PALEOKLIMATAS), Lithuanian State Science and Studies Foundation.

2002 – 2005 **principal implementer** IGCP 449 "Global Correlation of Late Cenozoic Fluvial Deposits”; Lithuanian State Science and Studies Foundation;

2000 – 2002 **project leader** interinstitution project “Lake investigations – a chronicle of natural and antrophogenic changes”, (No K-027). Lithuanian State Science and Studies Foundation.

1998 – 1999 **principal implementer** international programme " Human activity and ecosystems during postglacial in north eastern Lithuania " (according to NorFA scientific programme “Modelling of the Baltic sea shoreline sensitive and characteristic areas”, supported by Lithuanian State Science and Studies Foundation.

INTERNSHIP AND TRAINING

2006 11/20-24 Diatom intercalibration - test and courses; NORBAF (Nordic Network for Benthic Algae in Freshwater), Erken Laboratory, Norr Malma Field station, Sweeden.

1995 05/02-06 Course on numerical methods in Quaternary research, Department of the Quaternary Research, Stockholm University, Sweden.

1994 06/02-07 Course and workshop on deposition and formation of Biogenic silica, with ecological and environmental aspects; Department of the Quaternary Research, Stockholm University, Sweden.

1993 02/03 Internship on studies of the diatom flora from the southern part of the Sweden, Department of the Quaternary Research, Stockholm University, Sweden; Stockholm Marine research Centre.

1992 10/02-09 International paleoecological course “Nature and human impact on environment during lateglacial and Holocene”. Bergen University, Institute of Botany; Vilnius University; Vilnius, Lithuania.

1992 06/25-07. 01 Interdisciplinary post-graduate course "Environmental history of the Baltic Region", Estonian Academy of Sciences, Institutes of History and Geology, Stockholm University and Council of Europe PACT, Estonia (3 stage);

1991 12/ 05-13 Interdisciplinary post-graduate course "Environmental history of the Baltic Region", Department of the Quaternary Research, Stockholm University and Council of Europe PACT, Sweden (2 stage);

1991 09/15-25 Interdisciplinary post-graduate course "Environmental history of the Baltic Region", Estonian Academy of Sciences, Institutes of History and Geology, Stockholm University and Council of Europe PACT, northern Estonia, (1 stage).

PARTICIPATION IN SCIENTIFIC CONFERENCES

International scientific conferences:

1. Gastevičienė, N., **Šeirienė, V**., Luoto, T.P., Stančikaitė, 2022. Climatic variations during the late glacial and the early Holocene in Lithuania according to Chironomidae research. International Field Symposium “Quaternary of the Eastern Baltic Region”, 10–15 September 2022
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, 2022 01 04.
3. **Šeirienė, V.,** Gastevičienė, N., Stančikaitė, M., Gedminienė, L., 2020.The record of postglacial environmental changes of the lake sediment section, north Lithuania. Регіональні геоекологічні 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.
4. **Šeirienė, V.,** Baltrūnas, V., Karmaza B., Kisielienė, D., 2018. Pleistocene stratigraphy and key sites in Lithuania. INQUA-SEQS conference – Quaternary Stratigraphy in karst and Cave Sediments Postojna, 12-17 September 2018.
5. Gastevičienė, N., Gedminienė, L., **Šeirienė, V**., Kisielienė, D., Stančikaitė, M. 2017. Chironomid inferred postglacial environmental changes in lake sediments of North Lithuania. INQUA-SEQS conference „Quaternary stratigraphy and hominids around Europe: Tautavel (Eastern Pyrenees) Tautavel, France, 11 – 15 September 2017.
6. **Šeirienė, V**., Stančikaitė, M., Šinkūnas, P., Kisielienė, D., Gedminiene, L. 2017. The problem of chronostratigraphy of the Middle Pleistocene Snaigupėlė interglacial sediments of Lithuania. INQUA-SEQS conference „Quaternary stratigraphy and hominids around Europe: Tautavel (Eastern Pyrenees) Tautavel, France, 11 – 15 September 2017.
7. Gedminienė, L., **Šeirienė, V**., Stančikaitė, M., Kisielienė, D. 2017. Lateglacial and Early Holocene (a)biotic environment in response to climatic shifts: an example from Lieporiai Lake, Northern Lithuania // From past to present – Late Pleistocene, last deglaciation and modern glaciers in the centre of northern Fennoscandia. INQUA Peribaltic Working Group Meeting and Excursion, 20-25 August 2017 : excursion guide and abstracts / Edited by Pertti Sarala and Peter Johansson. Rovaniemi : Geological Survey of Finland, 2017. ISBN 9789522173843. p. 102-103. Prieiga per internetą: http://tupa.gtk.fi/julkaisu/erikoisjulkaisu/ej_099.pdf
8. Карабанов, А.К., Baltrūnas, V., Богдасаров, М.А., Гайдукевич, О.М.; Ерницкая, В.П., Karmaza, B., Katinas, V., Kisielienė, D., Курзо, Б.В., Рылова, Т.Б., Савченко, И.Е., Stančikaitė, M., **Šeirienė, .V.,** Šinkūnas, P., Šinkūnė, E., 2017. Основные результаты совместных белорусско литовских исследований в области наук о земле. Актуальные проблемы наук о земле: использование природных ресурсов и сохранение окружающей среды : международная научно-практическая конференция, 25–27 сентября 2017 года, Брест. Ч. 2. Брест : БрГУ, 2017. ISBN 9789855556603. p. 273-280.
9. Žulkus, V., Girininkas, A., Stančikaitė, M., Gryguc, G., **Šeirienė, V**., Mažeika, J., 2015. In shores of the Yoldia sea and Ancylus lake. Maritime landscapes in the Lithuanian waters: mutidisciplinary study // The Baltic Sea - a Mediterranean of North Europe: in the light of archaeological, historical and natural science research from ancient to early medieval times = Bałtyk - Morzem Śródziemnym Europy Północnej : w świetle badań archeologicznych, historycznych i przyrodniczych od starożytności do wczesnego średniowiecza. Gdańsk : Scientific Association of Polish Archaeologists Gdańsk Division, 2015. ISBN 9788385824671. p. 9-18.

10. **Šeirienė V.,** Rylova, T., Baltrūnas, V., Karabanov, A., Savchenko, I., Karmaza, B., Kisielienė, D., Paškauskaitė, J. 2014. Pleistocene chronostratigraphical correlation of Lithuania and Belarus. INQUA-SEQS meeting "The Quaternary of the Urals: Global trends and Pan – European Quaternary records". Ekaterinburg, Russia. 10 – 15 September 2014.
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National scientific conferences:

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PARTICIPATION IN THE STUDY PROCESS

Supervision of PhD students:

Science area: *Natural sciences* (N000). *Science field*: *Geology* (N005)		
Irina Sosnina	Dissertation theme: „ Reconstruction of the postglacial environmental changes in the south-eastern Baltic based on micropaleontological studies“	2021-10-01 – 2025-11-30
Science area: *Natural sciences* (N000). *Science field*: *Ecology and environmental science* (N012)		
Salomėja Vanagienė	Dissertation theme: „Postglacial environmental changes as inferred from lake sediment diatom records“	2018-10-01 – 2022-03
Science area: *Natural sciences* (N000). *Science field*: *Geology* (N005)		
Neringa Gastevičienė	Dissertation theme: „Late Glacial and early Holocene climate dynamics in the southeastern Baltic region based on Chironomidae data“	2015-10-01 – 2019-09-30

Supervising bachelor theses:

Lina Murėnaitė	Bachelor work theme: „Development of Lieporiai palaeobasin based on diatom data“ (Vilnius University, Faculty of Natural Sciences, Cathedral of Geology and Mineralogy; geology studies programme)	2015 – 2016
Mantas Maslianikasas	Bachelor work theme: „Changes in the ecological conditions of Buivydžiai palaeobasin according to diatom investigation results“ (Vilnius University, Faculty of Natural Sciences, Cathedral of Geology and Mineralogy; geology studies programme)	2010 – 2011
Vilma Krapikienė	Bachelor work theme: „Reconstruction of palaeoecological conditions changes of Lydekis Lake according to diatom analysis data“ (Šiauliai University, Faculty of Natural Sciences, Environmental cathedral, Applied ecology studies programme)	2008 – 2009

Consultant on Master's thesis

Pranas Juočeris	Master thesis topic: "Statistical correlation of organogenic sediments of Buivydžiai outcrop based on palynological data" (Vilnius University, Faculty of Natural Sciences, Cathedral of Geology and Mineralogy; geology studies programme)	2012 – 2013

Member/Chair of the Thesis Defence Board

Karolis Minkevičius	Dissertation „Agricultural development and settlement dynamics in 11th c. BC – 12th c. AD Lithuania (based on archaeobotanical	2020

	evidence)“ (Vilnius University) member of defence board	
Eugenija Rudnickaitė	Dissertation „Carbonates in the Lithuanian Quaternary sediments as lithostratigraphic criterion and indicator of palaeoclimatic conditions“ (Vilnius University and Nature Research Centre) member of defence board	2016
Jurgita Paškauskaitė	Dissertation “Pleistocene deposit structure and sedimentation conditions of Lithuanian Maritime Region“ (Vilnius University and Nature Research Centre) chair of defence board	2015
Lauras Balakauskas	Dissertation „Vėlyvojo ledynmečio ir Holoceno miškų augalijos raida Lietuvoje LRA (Kraštovaizdžio atkūrimo algoritmo) modeliavimo duomenimis“ (Vilniaus Universitetas ir Gamtos Tyrimų Centras) member of defence board	2012
Aldona Damušytė	Dissertation „Post-glacial geological history of the Lithuanian coastal area“ (Vilnius University and Nature Research Centre) member of defence board	2011
Agnė Venckutė-Aleksienė	Dissertation „Upper Cretaceous planktic foraminifera biostratigraphy from Lithuania)“ (Vilnius University and Nature Research Centre) member of defence board	2011

OTHERS

1. **Šeirienė, V.** Seminar „Climate change: past investigations – for future prognosis“; Vilnius for the staff of the kindergarten "Vieversys" 2022.11.09
2. **Šeirienė, V**. Next seminar – in Lithuania. Geologijos akiračiai, 2011, 3-4, 76. ISSN 1392-0006.
3. **Šeirienė, V.,** 2015. Geological correlation of Pleistocen sediments and paaeoenvironment reconstructions: the end, 2013- 2014 bilateral Lithuanian-Belarus scientific programme, 2015. Geologijos akiračiai, 2, 50-51.
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