Saulius Šliaupa

CONTACT INFORMATION

Address	Akademijos Str. 2, Vilnius LT-08412, Lithuania
Tel. no.:	+370 5 210 47 10
E-mail:	saulius.sliaupa@gamtc.lt https://orcid.org/0000-0001-5810-0395 https://lt.linkedin.com/in/saulius-sliaupa-54622ab5 https://www.researchgate.net/profile/Saulius-Sliaupa

EDUCATION AND ACADEMIC DEGREE

2003	Vilnius University. Dr.Habil. thesis: *Dynamic evolution of the Baltic sedimentary basin* (N 005 Geology)
1994 – 1997	Institute of Geology. Ph.D. thesis: *Tectonics of south-eastern Lithuania* (N 005 Geology)
1981-1986	Vilniaus University. Diploma in hydrogeology and engineering geology. Diploma thesis: *Hydrogeology and tectonics of Lithuania of the Pļaviņu formation of the Upper Devonian* (N 005 Geology)

PROFESSIONAL EXPERIENCE

2010 02 – until now	**Principle Scientist** (Nature Research Centre)
2008 09 – 2010 02	**Principle Scientist** (Institute of Geology and Geography)
1996 09 – 2008 08	**Senior Scientist** (Institute of Geology)
1994 09 – 1997 09	**Junior Scientist (and Ph.D.)** (Institute of Geology)
1986 07 – 2006 08	**Senior Geologist** (Geological Survey of Lithuania)

RESEARCH INTERESTS

Tectonics, geodynamics, neotectonics, seismic hazard, nuclear facilities measurement, Baltic regional geology, petrography of igneous rocks, geochemistry, hydrogeology, sedimentary basins geology, diagenesis, reservoir rock properties, oil reservoir characterization, EOR CO2 enhanced recovery, shale gas, geothermal energy, CO_2 geological storage, other underground energy storage facilities (hydrogen, natural gas, compressed air).

PUBLICATIONS

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

1. Satkūnas, J., **Šliaupa**, S. 2021. Evidence of paleoseismic activity recorded in glaciolacustrine sediments predating the Weichselian glacial maximum in East Lithuania. *Quaternary Research*, 104: 54–68. DOI: https://doi.org/10.1017/qua.2021.25.

2. Molenaar, N., Vaznytė, J., Bar, K., **Šliaupa**, S. 2021. Illite and chlorite cementation of siliciclastic sandstones influenced by clay grain cutans. *Marine and Petroleum Geology*, 132: art. no. 105234.

3. Motuza, G., **Šliaupa**, S. 2020. Palaeogene plutonic magmatism in Central Afghanistan, and its relation to the India-Eurasia collision. *Baltica*, 33 (2): 128–145. Doi https://doi.org/10.5200/baltica.2020.2.2.

4. **Šliaupa** S., Lozovskis S., Lazauskienė L., Šliaupienė R. 2020. Petrophysical and mechanical properties of the Lower Silurian perspective oil/gas shales of Lithuania. *Journal of Natural Gas Science and Engineering*, 79: art. no. 103336.

5. **Šliaupa** S., Lazauskienė L., Lozovskis S., Šliaupienė R. 2020. Distribution of organic matter and evaluation of brittleness index of the Lower Silurian shales of west Lithuania based on interpretation of well logs. *Baltica*, 33 (2): 146-165. https://doi.org/10.5200/baltica.2020.2.3.

6. Motuza, G., **Šliaupa**, S., Timmerman, M.J. 2015. Geochemistry and 40Ar/39Ar age of Early Carboniferous dolerite sills in the southern Baltic Sea. *Estonian Journal of Earth Sciences*. 64 (3): 233-248. doi: 10.3176/earth.2015.30.

7. Molenaar, N., Vaznytė, J., **Šliaupa**, S. 2019. Aridisols in the Southern Permian Basin of Lithuania: a key to understanding clay cement distribution. *International Journal of Earth Sciences*. 108 (7): 2391-2406. https://doi.org/10.1007/s00531-019-01769-9.

8. Motuza, G., **Šliaupa**, S. 2017. Supracrustal suite of the Precambrian crystalline crust in the Ghor Province of Central Afghanistan. *Geoscience Frontiers,* 8(1): 125–135. https://doi.org/10.1016/j.gsf.2015.12.011.

9. **Šliaupa**, S., Satkūnas, J., Motuza, G., Šliaupienė, R. 2017. Morphotectonic implication of the Paleoproterozoic Mid-Lithuanian Suture Zone. *Geological Quarterly*. 61: 590-601. DOI: https://doi.org/10.7306/gq.1366.

10. Motuza, G., **Šliaupa**, S. 2017. Paleogene volcanism in Central Afghanistan: Possible far-field effect of the India-Eurasia collision. *Journal of Asian Earth Sciences*, 147: 502-515. https://doi.org/10.1016/j.jseaes.2017.08.017.

11. **Šliaupa** S. 2013. Modelling of the ground motion of the maximum probable earthquake and its impact on buildings, Vilnius city. *Journal of vibroengineering,* Vol. 15: 532-543. . ISSN 1392-8716.

12. **Šliaupa** A., Šliaupa S. 2011. Neotectonic studies of Lithuania. *Baltica*, Vol. 24, Special Issue: 117–122. ISSN 0067–3064.

13. Shogenova A., **Šliaupa** S., Shogenov. K., Pomeranceva, R. 2009. Baltic Basin: structure, properties of reservoir rocks and capacity for geological storage of CO2. *Estonian Journal of Earth Sciences*, 58: 259-267. doi: 10.3176/earth.2009.4.04.

14. **Šliaupa**, S, Cyziene, J, Molenaar, N & Musteikyte, D. 2008. Ferroan dolomite cement in Cambrian sandstones: burial history and hydrocarbon generation of the Baltic sedimentary basin. *Acta Geologica Polonica*, vol 58: 27-41.

15. Molenaar N., Čyžiene J., **Šliaupa** S. 2008. Lack of inhibiting effect of oil emplacement on quartz cementation: Evidence from Cambrian reservoir sandstones, Paleozoic Baltic Basin. *Geological Society of America Bulletin,* 120(9-10): 1280-1295. ISSN: 0016-7606).

16. Molenaar N., Cyziene J., **Šliaupa** S. 2007. Quartz cementation mechanisms and porosity variation in Baltic Cambrian sandstones. *Sedimentary Geology*, Vol.195 (3-4): 135-159. 10.1016/j.sedgeo.2006.07.009.

17. Raidla V., Kirsimae K., Bityukova L., **Šliaupa,** S. et al. 2006. Lithology and diagenesis of the poorly consolidated Cambrian siliciclastic sediments in the northern Baltic Sedimentary Basin. *Geological Quarterly*, Vol.50 (4): 395-406.

18. **Šliaupa,** S. 2006. Predicting porosity through simulating quartz cementation of Middle Cambrian sandstones, West Lithuania. *Geological Quarterly*, Vol.50 (2): 247-256.

19. Baltrūnas V., **Šliaupa**, S., Karmaza B. 2005. Origin of Great Nemunas loops. *Geographie Physique et Quaternaire.* Vol.59: 3-15. https://doi.org/10.7202/013733aradresse copiéeune erreur s'est produite.

20. Lazauskiene J., **Šliaupa**, S., Brazauskas A, Musteikis P. 2003. Sequence stratigraphy of the Baltic Silurian succession: tectonic control on the foreland infill. In: McCann T., Saintot A. (eds.) Tracking Tectonic Deformation Using the Sedimentary Record. *Geological Society, London, Special Publications*, 208: 95-115. https://doi.org/10.1144/GSL.SP.2003.208.01.05.

21. Lazauskiene J., Stephenson R., **Šliaupa**, S., van Wees J.-D. 2002. 3-D flexural modelling of the Silurian Baltic Basin. Tectonophysics, Vol.346 (1): 115-135. https://doi.org/10.1016/S0040-1951(01)00231-1.

22. Poprawa, P., **Šliaupa**, S., Stephenson, R., Lazauskiene, J. 1999. Late Vendian-Early Palaeozoic tectonic evolution of the Baltic Basin: regional tectonic implications from subsidence analysis. *Tectonophysics*, Vol.314 (1): 219-239. https://doi.org/10.1016/S0040-1951(99)00245-0.

23. Wilde-Piorko M, Geissler W.H., Plomerova J., **Šliaupa** S., et al. 2008. PASSEQ 2006-2008: Passive seismic experiment in Trans-European Suture Zone. *Studia Geophysica et Geodaetica*, 52(3): 439-448. DOI:10.1007/s11200-008-0030-2.

24. **Šliaupa** S., Fokin P., Lazauskienė J., Stephenson R. (2006) The Vendian-Early Palaeozoic sedimentary basins of the East European Craton. In: Gee D., Stephenson R.A. (eds.) Eoropean Lithosphere Dynamics. *Geological Society, London, Memoirs,* 32: 449-462. https://doi.org/10.1144/GSL.MEM.2006.032.01.28.

25. Shogenova, A., Bitjukova, L., **Šliaupa**, S., Rasteniene, V., Lashkova, L., Zabele, A. 2000. Magnetic properties of siliciclastic rocks in the Baltic Cambrian sedimentary basin. *Geologica Carpathica*, Vol.51 (3): 190-191.

26. Cloetingh S.A.P.L., Ziegler P.A., Bogaard P.J.F., **Šliaupa** S. et al. 2007. TOPO-EUROPE: The geoscience of coupled deep Earth-surface processes. *Global and planetary change*, Vol.58 (1-4): 1-11. https://doi.org/10.1016/j.gloplacha.2007.02.008.

27. Gregersen, S., Wiejacz, P., Debski, W., Domanski, B., Assinovskaya, B., Guterch, B., Mäntyniemi, P., Nikulin, V.G., Pacesa, A., Puura, V., Aronov, A.G., Aronova, T.I., Grünthal, G., Husebye, E.S., **Šliaupa**, S. 2007. Exceptional earthquakes in Kaliningrad district, Russia on September 21, 2004. *Physics of the Earth and Planetary Interiors*, 164 (1-2): 63-74. DOI: 10.1016/j.pepi.2007.06.005.

28. Šliaupa S., Shogenova A., Shogenov K., **Šliaupienė** R., Zabale A., Vaher, R. 2008. Industrial carbon dioxide emissions and potential geological sinks in the Baltic states. *Oil Shale*, 25: 1736-7492. doi: 10.3176/oil.2016.4.04.

29. Zukauskas G., **Šliaupa** S., Razgauskas E., Petrošius R., Gumbinaitė R., Bubėnas U. , Valainis A. 2008. Geographical tends of mental disorders of the elderly people in Lithuania. *European Psychiatry*, 23: P.154. ISSN 0924-9338. Doi: 10.1016/j.eurpsy.2008.01.916.

30. Cloetingh S.A.P.L., Ziegler P.A., Bogaard P.J.F., **Šliaupa** S. et al. 2008. TOPO-EUROPE: The geoscience of coupled deep Earth-surface processes. *Global and Planetary Change*: 58(1-4). ISSN 0921-8181.

31. **Šliaupa**, S., Shogenova, A., Shogenov, K., Šliaupienė, R., Zabele, A., Vaher, R. 2008. Industrial Carbon Dioxide emissions and potential geological sinks in the Baltic States. *Oil Shale*. 25: 465–484. 10.3176/oil.2008.4.06.

32. Gadeikis S., Dundulis K., Žaržojus G., Gadeikytė S., Urbaitis D., Gribulis D., **Šliaupa** S. 2012. Correlation of shear-wave velocities and cone resistance of quaternary glacial sandy soils defined by Seismic Cone Penetration Test (SCPT). *Journal of Vibroengineering*. Vol. 14: 715-720. ISSN 1392-8716.

33. Gadeikis S., Dundulis K., Žaržojus G., Gadeikytė S., Urbaitis D., Gribulis D., **Šliaupa** S., Gabrielaitis L. 2013. Correlation between shear wave velocity and cone resistance of Quaternary glacial clayey soils defined by Seismic Cone Penetration Test (SCPT), Lithuania. *Journal of vibroengineering*, Vol. 15: 992-998. ISSN 1392-8716. ISSN 1392-8716.

34. **Šliaupa** S, Lojka R., Tasáryová Z., Kolejka V., Hladík V., Kotulová J., Kuchariè L., Fejdi V., Wójcicki A., Tarkowski R., Uliasz-Misiak B., Šliaupienė R., Nulle I., Pomeranceva R., Ivanova O., Shogenova A., Shogeno K. 2013. CO2 storage potential of sedimentary basins of Slovakia, the Czech Republic, Poland and the Baltic States. *Geological quarterly*, Vol. 57, iss. 2: 219-232. DOI: http://dx.doi.org/10.7306/gq.1088.

35. Stasiulaitiene I., Vajegaite V., Martuzevicius D., Denafas G., **Šliaupa** S., Fagerlund J., Zevenhoven R. 2013. Parameters affecting Mg(OH)2 extraction from serpentinites in Lithuania for the purpose of CO2 reduction by mineral carbonation. *Environmental Progress & Sustainable Energy:* 512-518. https://doi.org/10.1002/ep.11792.

36. Janutyte I., E. Kozlovskaya, M. Majdanski, P. H. Voss, M. Budraitis, and PASSEQ Working Group (A. Guterch, W. Hanka, E. Hegedus, B. Heuer, Petr Jedlicka, J. Lazauskiene, G. Randy Keller, R. Kind, K. Klinge, P. Kolinsky, K. Komminaho, E. Kozlovskaya, F. Kruger, T. Larsen, M. Majdanski, J. Malek, G. Motuza, O. Novotny, R. Pietrasiak, T. Plenefisch, B. Ružek, S. **Šliaupa**, P. Sroda, M. Swieczak, T. Tiira, P. Voss, P. Wiejacz). 2014. Traces of the crustal units and the upper mantle structure in the southwestern part of the East European Craton. *Solid Earth Discuss*, 6: 985–1021. doi:10.5194/sed-6-1723-2014.

37. Knapmeyer-Endrun B., F. Krüger, C.P. Legendre, W.H. Geissler, M. Wilde-Piórko, J. Plomerová, M. Grad, V. Babŭska, E. Bruucke, J. Cyziene, W. Czuba, R. England, E. Gaczyński, R. Gazdova, S. Gregersen, A. Guterch, W. Hanka, E. Hegeḋus, B. Heuer, P. Jedlička, J. Lazauskiene, G.R. Keller, R. Kind, K. Klinge, P. Kolinsky, Kari Komminaho, E. Kozlovskaya, F. Kŕuger, T. Larsen, T. Tiira, M. Majdański, J. Malek, G. Motuza, O. Novotný, R. Pietrasiak, T. Plenefisch, B. Ružek, **Šliaupa**, P. Środa, M. Świeczak, P. Voss, P. Wiejacz. 2013. Tracing the influence of the Trans-European Suture Zone into the mantle transition zone. *Earth and Planetary Science Letters*, 01/2013, 363: 73-87. https://doi.org/10.1016/j.epsl.2012.12.028.

38. Janutyte, I., Kozlovskaya, E., Motuza, G., Wilde-Piorko, M., Geissler, W., Plomerová, J., Grad, M., Babuška, V., Brückl, E., Cyziene, J., Czuba, W., England, R., Gaczynski, E., Gazdova, R., Gregersen, S., Guterch, A., Hanka, W., Hegedüs, E., Heuer, B., Jedlicka, P., Lazauskiene, J., Keller, R., Kind, R., Klinge, K., Kolinsky, P., Komminaho, K., Krüger, F., Larsen, T., Majdanski, M., Malek, J., Novotny, O., Pietrasiak, R., Plenefisch, T., Ruzek, B., **Šliaupa**, S. , Sroda, P., Swieczak, M., Tiira, T., Voss, P., Wiejacz, P. 2013. Study of Local Seismic Events in Lithuania and Adjacent Areas Using Data from the PASSEQ Experiment, *Pure and Applied Geophysics*, 170 (5): 797-814. DOI 10.1007/s00024-012-0458-8.

39. Knapmeyer-Endrun B., F. Krüger, Monika Wilde-Piórko, W. Geissler, J. Plomerová, Marek Grad, V. Babuska, E. Brückl, J. Cyziene, W. Czuba, R. England, E. Gaczyński, R. Gazdova, S. Gregersen, A. Guterch, W. Hanka, E. Hegedüs, B. Heuber, P. Jedlička, J. Lazauskiene, G.

Keller, R. Kind, K. Klinge, P. Kolínský, K. Komminaho, E. Kozlovskaya, F. Krüger, T. Larsen, M. Majdański, J. Malek, G. Motuza, O. Novotný, R. Pietrasiak, T. Plenefisch, B. Ruzek, **Šliaupa S.**, P. Środa, M. Świeczak, T. Tiira, P. Voss, P. Wiejacz. 2014. Moho depth across the Trans-European Suture Zone from P- and S-receiver functions. *Geophysical Journal International*, 197: 1048-1075. https://doi.org/10.1093/gji/ggu035.

40. **Šliaupa** S., Šliaupienė R., Žaludienė G., Vaskaboinikava T., Bibikava A., Evstratenko L., Kovkhuto A. 2016. Prospects of Lithuanian Silurian shale gas, Baltic sedimentary basin. *Oil Shale*. 33 (4): 357-372. doi: 10.3176/oil.2016.4.04.
41. Dundulis, G., Kačianauskas, R., Markauskas, D., Stupak, E., Stupak, S., **Šliaupa**, S. 2017. Reanalysis of the floor response spectra of the Ignalina Nuclear Power Plant Reactor Building. *Nuclear Engineering and Design*, 324: 260-268. https://doi.org/10.1016/j.nucengdes.2017.09.009.

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

1. Shogenova A., Nordback N., Sopher D., Shogenov K., Niemic A., Juhlin Ch, **Šliaupa** S. , Ivandicc M., Wojcickie A., Ivaska J., Klimkowski L., Nagy S. 2021. Carbon Neutral Baltic Sea Region by 2050: Myth or Reality? 15th International Conference on Greenhouse Gas Control Technologies, GHGT-15. 15th 18th March 2021 Abu Dhabi, UAE. 1-15. https://ssrn.com/abstract=3817722.
2. Shogenova, A., Nordbäck, N., Sopher, D., Shogenov, K., Niemi, A., Juhlin, C., **Šliaupa**, S., Wójcicki, A., Ivask, J., Klimkowski, L., Nagy, S. 2018. CO2 storage drivers and barriers in the Baltic Sea Region. 14th International Conference on Greenhouse Gas Control Technologies, GHGT-14, Melbourne, Australia. Elsevier: 21-25.

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

1. **Šliaupa**, S., Hoth, P. 2011. Geological evolution and resources of the Baltic Sea Area from the Precambrian to the Quaternary. In: Harff, J., Björck, S., Hoth, P. (eds), The Baltic Sea Basin. Springer, Berlin: 13–51. doi: 10.1007/978-3-642-17220-5_2.

PARTICIPATION IN INTERNATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

2016 – 2018	Horizon 2020 - Data Acquisition within the context of the ESTMAP Project for development of a database of current, anticipated, and future potential for energy storage in Europe (https://www.etis.ee/Portal/Projects/Display/d0335793-b799-4421-9a17-704a929ea2b6); **sub-contracted project participant**
2016 - 2019	Horizon 2020 - Novel Productivity Enhancement Concept for a Sustainable Utilization of a Geothermal Resource - SURE (2016-2019 m.) (https://cordis.europa.eu/project/id/654662); **project participant**
2018	Horizon 2020 - ENabling Onshore CO2 Storage in Europe - ENOS (2018) (https://cordis.europa.eu/project/id/653718); **sub-contracted project participant**
2017	CGS Baltic Seed project (S81). Financed by the European Union seed money facility as part of the EU strategy for the Baltic Sea Region – EUSBSR (2017) (https://bcforum.net/content/CGSBalticSeedProject_SubstanceReport_2017.pdf); **project participant**
2012 - 2017	Heat Storage in Hot Aquifers (HeHo) (Danish Council for Strategic Research; 10-093934); **project participant**

2012 - 2013	FP7 - Assessment of the CO2 Storage Potential in Europe (CO2Stop) (2012-2013 m.) (https://energy.ec.europa.eu/assessment-co2-storage-potential-europe-co2stop_en); **project participant**
2010 - 2012	FP7 - Pan-European coordination action on CO2 Geological Storage – CGS Europe (2010-2012 m.) (http://www.cgseurope.net/); **project participant**
2005 - 2008	FP6 - ENhanced Geothermal Innovative Network for Europe - ENGINE (2005-2008 m.) (http://engine.brgm.fr/); **project participant**
2006 - 2008	FP6 - Assess the European Capacity for Geological Storage of Carbon Dioxide – EU GeoCapacity (2006-2009) (http://www.geology.cz/geocapacity); **project participant**
2004 - 2007	IGCP 499 - Devonian land-sea interactions: Evolution of ecosystems and climate (DEVEC) (2004-2009); **project participant**
2004-2007	PHARE project „ MTPO support for VATESI evaluation and licensing of the second safety systems in unit 2 of Ignalina NPP“ (Nr. 2004/016-925-05-01) (http://www.vatesi.lt/fileadmin/documents/leidiniai/lt/Phare_brosiura_LT_2008.pdf). **project participant**
1994 - 1996	IGCP 346 - Neodynamics of the Baltic Sea depression and adjacent areas: results of the IGCP project 346 - Neogeodynamica Baltica, an international mapping project (1994-1996); **project participant**

INTERNSHIP AND TRAINING

2003.10.20-30	NAGRA (Switzerland). Deep geological disposal of radioactive waste.
2003.11.01-05	SCK (Belgium). Deep geological disposal of radioactive waste.
004.09.26-10.09	SCK (Sweden). Deep geological disposal of radioactive waste.
2004.01.12-30	SCANSCOT (Lund, Sweden). Modelling of seismic safety of nuclear power
004.10.18-22	plants.
2004.10.23-28	Barkly National Laboratory (Barkly, USA). Deep geological disposal of radioactive waste.
2005.05.30-06.03	USA Energy Department (Las Vegas, USA). Deep geological disposal of radioactive waste.
2007.02.31–03.08	PURAM Hungary disposal of radioactive waste Agency (Tengelic, Hangary). Deep geological disposal of radioactive waste.
	POSIVA Finnish disposal of radioactive waste Agency (Olkiluoto, Finland). Deep geological disposal of radioactive waste.

PARTICIPATION IN SCIENTIFIC CONFERENCES

International scientific conferences (recent):

1. Shogenova, A.; **Šliaupa**, S.; Shogenov, K.; Šliaupienė, R. (2022). Underground Hydrogen Storage in the Baltic Countries: Future Outlook for Lithuania. 83rd EAGE Annual Conference & Exhibition: 83rd EAGE Annual Conference & Exhibition, Madrid, 6-9 June 2022. Amsterdam, The Netherlands: *European Association of Geoscientists & Engineers*, 1−5. DOI: 10.3997/2214-4609.202210707.
2. Shogenov, K.; Shogenova, A.; **Šliaupa**, S. (2022). Underground Hydrogen Storage in the Baltic Countries: Future Outlook for Latvia and Estonia. 83rd EAGE Annual Conference & Exhibition: 83rd EAGE Annual Conference & Exhibition, Madrid, 6-9 June 2022. *European Association of Geoscientists & Engineers*, 1−5. DOI: 10.3997/2214-4609.202210772.
3. Shogenova A., **Šliaupa** S., Šliaupienė R., Shogenov K., Jõeleht A., Zajacs A. (2022) Geothermal potential of the Baltic States - prospects and challenges. *Geothermal-DHC*

regional cluster workshop "Geothermal energy – unleashing the potential of supplying district heating and cooling networks in the Baltics": 30th of September 2022. Latvia, Riga. https://form.jotform.com/221452253131341.

4. Zinevicius F., **Šliaupa** S., Mazintas A., Nika N. (2021) Geothermal Energy Country Update – Lithuania. *World Geothermal Congress* 2020+1, Reykjavik, Iceland, April - October 2021. https://docplayer.net/171544669-Geothermal-energy-country-update-lithuania.html
5. Lozovskis S., **Šliaupa** S., Lazauskienė L., Šliaupienė R. (2021) Alternative energy resources in Lithuania - shale gas perspective The EGU General Assembly.
6. Lozovskis S., **Šliaupa** S., Lazauskienė L., Šliaupienė R. (2021) Assessment of key exploitation parameters of the Lower Silurian gas shales of west Lithuania. International Scientific Conference by University of Latvia.
7. Lozovskis S., **Šliaupa** S., Lazauskienė S., Šliaupienė R. (2020) New studies on petrophysical properties of shales for potential gas exploration. International conference for students of physics and natural sciences - Open reading. https://www.openreadings.eu/wp-content/uploads/2020/04/knyga20N.pdf
8. **Šliaupa**, S. Zinevičius F., Mazintas A., Petrauskas S., Dagilis V. (2019) Geothermal Energy Use, Country Update for Lithuania. *European Geothermal Congres* 2019. Den Haag, The Netherlands, 11-14 June 2019. http://europeangeothermalcongress.eu/wp-content/uploads/2019/07/CUR-17-Lithuania.pdf
9. Reinsch T., Blöcher P., Bruhn D., Wittig, Borbjornsson G., Hoogland T., Latham P., Petrauskas S., **Šliaupa** S. (2019) SURE consortium - Novel Productivity Enhancement Concept for a Sustainable Utilization of a Geothermal Resource – The H2020 SURE Project. *European Geothermal Congress*. Den Haag, The Netherlands. http://europeangeothermalcongress.eu/wp-content/uploads/2019/07/84.pdf

PARTICIPATION IN THE STUDY PROCESS

Supervision of PhD students:

Area of science: *Natural sciences* (N000). Field of science: *Geology* (N010)

Saulius Lazovskis	Ph.D. thesis: „Petrography and petrophysical properties of the Lower Silurian shales of West Lithuania – geological assessment of gas shale prospects"	2021
Andrius Pačėsa	Ph.D. thesis: „Evaluation of seismic hazard of low seismicity areas: a case study of the Baltic region"	2016
Židrūnas Dėnas	Ph.D. thesis: „Interpretations of a large amount of geological data using GIS tools"	2015
Jolanta Čyžienė	Ph.D. thesis: „Diagenesis, reservoir properties and evolution of the Cambrian sedimentation basin of the Baltic region"	2006

OTHERS (recent)

1. Šliaupienė R., **Šliaupa** S. 2022. CO_2 geological storage in Lithuania – actual and fictitious risks. *Geologijos akiraičiai*, 2022(3-4): 41-49.
2. Šliaupienė R., **Šliaupa** S. 2021. Radial jet drilling – alternative to hydrofracturing in geothermal wells. *Geologijos akiraičiai*, 2021(3-4): 69-76.