

Donatas Pupienis

CONTACT INFORMATION

Address Akademijos Str. 2, Vilnius LT-08412, Lithuania
Tel. no.: +370 5 269 72 91
E-mail: donatas.pupienis@gamtc.lt
<https://orcid.org/0000-0002-7310-7090>
<https://www.researchgate.net/profile/Donatas-Pupienis>
<https://scholar.google.co.th/citations?hl=en&user=KV62tYAAA>
[AJ](#)

EDUCATION AND ACADEMIC DEGREE

2002 – 2007 Doctor of Physical Sciences, Geography (06P) (Vilnius University, Institute of Geology and Geography).
PhD thesis: “Peculiarities of the water dynamics in the Southeastern Baltic Sea”, Scientific supervisor – prof. habil. dr. R. Žaromskis; co-supervisor – dr. G. Žilinskas

2000 – 2002 Vilniaus Universitetas, Hydrology and meteorology / Master.
Master thesis: “Lithodynamic processes in the interaction between the coastal zone and the open sea”.

1996 – 2000 Vilnius University, Physical Geography / Bachelor
Bachelor thesis: „Peculiarities of the hydrological regime of the Baltic Sea Lithuanian Economic Zone (1998-1999).”

PROFESSIONAL EXPERIENCE

2013 – until now Senior researcher of Laboratory of Geoenvironmental Research, Coastal Research and Management Sector, Nature Research Centre

2012 – until now Assoc. Professor, Faculty of Chemistry and Geosciences, Vilnius University

2008 – 2013 Researcher of Laboratory of Geoenvironmental Research, Coastal Research and Management Sector, Nature Research Centre

2008–2012 Lecturer at the Department of Hydrology & Climatology, Faculty of Nature Sciences, Vilnius University

2006–2008 Junior researcher of Baltic Sea research Department, Coastal Research and Management Sector, Institute of Geology and Geography

2005–2008 Senior geologist of Quaternary Division, Quaternary and Geology Processes Subdivision, Lithuanian Geological Survey under the Ministry of Environment

2002–2003 Engineer of Baltic Sea research Department, Coastal Research and Management Sector, Institute of Geography

RESEARCH INTERESTS

Oceanography, Sedimentary environments and processes in different water bodies, Coastal processes, Coastal Management, Coastal and marine geology, Aeolian processes, Morphodynamics of coastal dunes and coastal spits, Deltaic processes, Storm analysis.

PUBLICATIONS

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

1. Janušaitė, R.; Jarmalavičius, D.; Jukna, L.; Žilinskas, G.; **Pupienis, D.** Analysis of Interannual and Seasonal Nearshore Bar Behaviour Observed from Decadal Optical Satellite Data in the Curonian Spit, Baltic Sea. *Remote Sens.* 2022, 14, 3423. <https://doi.org/10.3390/rs14143423>
2. Janušaitė, R., Jarmalavičius, D., **Pupienis, D.**, Žilinskas, G., Jukna, L. 2022. Nearshore sandbar switching episodes and their relationship with coastal erosion at the Curonian Spit, Baltic Sea. *Oceanologia*, doi.org/10.1016/j.oceano.2021.11.004
3. Janušaitė, R., Jukna, L., Jarmalavičius, D., **Pupienis, D.**, Žilinskas, G. 2021. A Novel GIS-Based Approach for Automated Detection of Nearshore Sandbar Morphological Characteristics in Optical Satellite Imagery. *Remote Sens.* 2021, 13, 2233.
4. Karlonienė, D., **Pupienis, D.**, Jarmalavičius, D., Dubikaltienė, A., Žilinskas, G. 2021. Lithological and geochemical analyses of sandy beach sediments of different geological frameworks: the south-eastern Baltic Sea (Lithuania). *Arabian Journal of Geosciences*, 14, 279.
5. Karlonienė, D., **Pupienis, D.**, Jarmalavičius, D., Dubikaltienė, A., Žilinskas, G. 2021. The Impact of Coastal Geodynamic Processes on the Distribution of Trace Metal Content in Sandy Beach Sediments, South-Eastern Baltic Sea Coast (Lithuania). *Applied Sciences*, 2021, 11, 1106.
6. Žilinskas G., Janušaitė R., Jarmalavičius D., **Pupienis D.**, 2020. The impact of Klaipėda Port entrance channel dredging on the dynamics of coastal zone, Lithuania. *Oceanologia*, 62(4A), 489-500.
7. Jarmalavičius, D., **Pupienis, D.**, Žilinskas, G., Janušaitė, R., Karaliūnas, V. 2020. Beach-Foredune Sediment Budget Response to Sea Level Fluctuation. Curonian Spit, Lithuania. *Water* 2020, 12, 583. doi.org/10.3390/w12020583
8. Jarmalavičius, D., **Pupienis, D.**, Žilinskas, G., Karaliūnas, V., Jukna, L. 2019. The development and stability of beach-dune system on the wave-dominated coast: A case study of the Curonian Spit, Lithuania. *Aeolian Research*, 41, (2019), 100542 doi.org/10.1016/j.aeolia.2019.100542
9. Bitinas, A. Dobrotin, N., Buynevich, I. V., Molodkov, A., Damušytė, A., **Pupienis, D.** 2018. Coastal dune dynamics along the northern Curonian Spit, Lithuania: toward an integrated database. *Geological Quarterly*, 62(3), 553–562. doi.org/10.7306/gq.1435
10. Žilinskas, G., Jarmalavičius, D., **Pupienis, D.** 2018. The influence of natural and anthropogenic factors on grain size distribution along the southeastern Baltic spits. *Geological Quarterly*, 62(2), 375–384. [doi: 10.7306/gq.1413](https://doi.org/10.7306/gq.1413)
11. Jarmalavičius, D., Žilinskas, G., **Pupienis, D.** 2017. Geologic framework as a factor controlling coastal morphometry and dynamics. Curonian Spit, Lithuania. *International Journal of Sediment Research*, 32(4), 597-603. <https://doi.org/10.1016/j.ijsrc.2017.07.006>
12. Jarmalavičius, D., Žilinskas, G., **Pupienis, D.**, Kriaučiūnienė, J. 2017. Subaerial beach volume change on decadal time scale: the Lithuanian Baltic Sea coast. *Zeitschrift für Geomorphologie*, 61/2, 149-158. DOI: 10.1127/zfg/2017/0441
13. Kriaučiūnienė, J., Žilinskas, G., **Pupienis, D.**, Jarmalavičius, D., Gailiušis, B. 2013. Impact of Šventoji port jetties on coastal dynamics of the Baltic sea. *Journal of Environmental Engineering and Landscape Management*, 21(2), 114-122. doi.org/10.3846/16486897.2012.695736
14. Jarmalavičius D., Žilinskas G., **Pupienis, D.** 2012. Impact of Klaipėda port jetties reconstruction on adjacent sea coast dynamics. *Journal of Environmental Engineering and Landscape Management*, 20(3), 240-247. doi.org/10.3846/16486897.2012.660884

15. Jarmalavičius D., Satkūnas J., Žilinskas G., **Pupienis, D.** 2012. The Influence of Coastal Morphology on Wind Velocity Dynamics. *Estonian Journal of Earth Sciences*, 61(2), 120-130. doi: 10.3176/earth.2012.2.04
16. Jarmalavičius D., Satkūnas J., Žilinskas G., Pupienis, D. 2012. Dynamics of beaches of Lithuanian coast (the Baltic Sea) for the period 1993-2008 based on morphometric indicators. *Environmental Earth Sciences*, 65(6), 1727-1736. DOI:10.1007/s12665-011-1152-3
17. Žilinskas G., **Pupienis, D.**, Jarmalavičius D. 2010. Possibilities of Regeneration of Palanga Coastal Zone. *Journal of Environmental Engineering and Landscape Management*. 18(2), 95–101. doi.org/10.3846/jeelm.2010.11
18. Buynevich, I., Bitinas, A., **Pupienis, D.** 2007. Lithological anomalies in a relict coastal dune: geophysical and paleoenvironmental markers. *Geophysical Research Letters*. 34, L09707. doi.org/10.1029/2007GL029767

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

1. Karaliūnas V., Jarmalavičius D., **Pupienis D.**, Janušaitė R., Žilinskas G., Karlonienė D. 2020. Shore nourishment impact on coastal landscape transformation: an example of Lithuanian Baltic Sea coast. In: Malvárez, G. and Navas, F. (eds.), *Proceedings from the International Coastal Symposium (ICS) 2020 (Seville, Spain)*. *Journal of Coastal Research*, 95 (SI1), 840-844.
2. Jarmalavičius, D., Šmatas, V., Stankūnavičius, G., **Pupienis, D.**, Žilinskas, G., 2016. Factors controlling coastal erosion during storm events. *Journal of Coastal Research*, 75, 759-769. doi.org/10.2112/SI75-223.1
3. Jarmalavičius, D., **Pupienis, D.**, Žilinskas, G., 2014. Sea level fluctuation and shoreline evolution on decadal time scale, Lithuanian Baltic Sea coast. *Journal of Coastal Research*, SI70, 164-169. doi.org/10.2112/SI70-028.1
4. Buynevich I., Bitinas A., **Pupienis, D.** 2007. Reactivation of coastal dunes revealed by subsurface imaging of the Great Dune Ridge, Lithuania. *Journal of Coastal Research*. 50. 226-230. www.jstor.org/stable/26481588

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

1. Buynevich, I.V., Bitinas, A., **Pupienis, D.**, 2015. Aeolian Sand Invasion: Georadar Signatures from the Curonian Spit Dunes, Lithuania. In Eds. Randazzo G., Jackson D. W.T., Cooper J. A. G. *Sand and gravel spits*. *Coastal Research Library V. 12*. P. 67-78.

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

1. Karlonienė, D., **Pupienis, D.**, Jarmalavičius, D., Dubikaltienė, A., Žilinskas, G. 2022. Lithological and Geochemical Analysis of Mainland and Spit Sandy Beach Sediments: SE Baltic Sea (Lithuania). In: , et al. *Recent Research on Geomorphology, Sedimentology, Marine Geosciences and Geochemistry*. CAJG 2019. *Advances in Science, Technology & Innovation*. Springer, Cham. https://doi.org/10.1007/978-3-030-72547-1_19
2. Jarmalavičius, D., **Pupienis, D.**, Buynevich, I.V., Žilinskas, G., Fedorovič, J. 2015. Aeolian sand differentiation along the Curonian Spit Coast, Baltic Sea, Lithuania. In Eds. Ping W., Rosati J. D., Cheng J. *Coastal Sediments 2015. The Proceedings of the Coastal Sediments 2015*. San Diego, USA, 11 – 15 May 2015. doi: 10.1142/9789814689977_0045

3. **Pupienis D.**, P. Jalinskas, Vyšniauskas I. 2007. The influence of currents on possible dispersion of oil products in the South-East Baltic. *Acta Zoologica Lituanica*. 17(2). 160-172.
4. **Pupienis D.**, Žilinskas G. 2005. Specific features of morphodynamic processes in the dumps in the Lithuanian offshore". *Baltica*, 18(1). 29-37.

Reviewed scientific articles, published in Lithuania:

1. **Pupienis, D.** 2022. Apie pirmąją mokomąją Vilniaus universiteto studentų krantotyros praktiką. *Geologijos akiračiai*. 3-4/2022. pp. 60-66.
2. Jarmalavičius, D., Žilinskas, G., **Pupienis, D.**, Karaliūnas, V., Janušaitė, R., 2020. Gamtinių veiksnių ir žmogaus veiklos įtaka kranto dinamikai. *Baltijos jūra, Lietuva. Geografijos metraštis*, 53, 3-12.
3. Dubikaltienė, A., **Pupienis, D.**, Jarmalavičius, D., Žilinskas, G., Karlonienė, D. 2020. Pietryčių Baltijos jūros žemyninio kranto paplūdimio sąnašų smėlio dalelių kaita 1993–2018 metais // *Jūros ir krantų tyrimai 2020: 13-oji nacionalinė jūros mokslų ir technologijų konferencija: konferencijos medžiaga: 2020 spalio 7–9 d., Klaipėda. Klaipėda: Klaipėdos universitetas*, p. 50-53.
4. Janušaitė, R., Jarmalavičius, D., Karaliūnas, V., Jukna, L., Žilinskas, G., **Pupienis, D.** 2020. Jūros priekrantės sėklių morfodinamikos įtaka Kuršių nerijos kranto raidai (Preilos pavyzdžiu) // *Jūros ir krantų tyrimai 2020: 13-oji nacionalinė jūros mokslų ir technologijų konferencija: konferencijos medžiaga: 2020 spalio 7–9 d., Klaipėda. Klaipėda: Klaipėdos universitetas*, p. 74-77.
5. Karlonienė, D., **Pupienis, D.**, Dubikaltienė, A., Jarmalavičius, D., Žilinskas, G. 2020 Sunkiųjų metalų kaita Lietuvos Baltijos jūros paplūdimiuose 2014-2018 metais // *Jūros ir krantų tyrimai 2020: 13-oji nacionalinė jūros mokslų ir technologijų konferencija: konferencijos medžiaga: 2020 spalio 7–9 d., Klaipėda. Klaipėda: Klaipėdos universitetas*, p. 85-88.
6. **Pupienis, D.**, Dubikaltienė, A., Jarmalavičius, D., Žilinskas, G., Karlonienė, D. 2020. Ar geologinė sandara ir neotektoniniai judesiai gali įtakoti kranto zonos sąnašų granulimetrinę sudėtį? // *Jūros ir krantų tyrimai 2020: 13-oji nacionalinė jūros mokslų ir technologijų konferencija: konferencijos medžiaga: 2020 spalio 7–9 d., Klaipėda. Klaipėda: Klaipėdos universitetas*, p. 184-187.
7. Viršilaitė, K., **Pupienis, D.** 2020. Plūsmo srauto ribos nustatymo galimybių apžvalga pietryčių Baltijos jūros paplūdimiuose // *Jūros ir krantų tyrimai 2020: 13-oji nacionalinė jūros mokslų ir technologijų konferencija: konferencijos medžiaga: 2020 spalio 7–9 d., Klaipėda. Klaipėda: Klaipėdos universitetas*, p. 235-238.
8. Karlonienė, D., **Pupienis, D.**, Dubikaltienė, A., Žilinskas, G., Jarmalavičius, D. 2019. Morfolitologinių ir geocheminių anomalijų pasiskirstymo analizė Kuršių nerijos jūros kranto paplūdimyje. *Jūros ir krantų tyrimai 2019: 12-oji nacionalinė jūros mokslų ir technologijų konferencija, 2019 m. gegužės 9–10 d., Klaipėda: konferencijos medžiaga. – Klaipėda: Klaipėdos universitetas, 2019. p. 100–103.*
9. Dubikaltienė, A., **Pupienis, D.**, Karlonienė, D., Karaliūnas, V., Vilčinska, V. 2019. Pietryčių Baltijos jūros nešmenų pernašos vertinimas remiantis dugno nuosėdų grūdelių dydžio pasiskirstymo rodiklių analize. *Jūros ir krantų tyrimai 2019: 12-oji nacionalinė jūros mokslų ir technologijų konferencija, 2019 m. gegužės 9–10 d., Klaipėda: konferencijos medžiaga. – Klaipėda: Klaipėdos universitetas, 2019. p. 53–57.*
10. Jarmalavičius D., Žilinskas G., **Pupienis D.**, Karaliūnas V., Janušaitė R. 2020. Natural and human control of the coastal development. *Baltic Sea, Lithuania. Geografijos metraštis*, 53, 3-12.
11. **Pupienis D.** 2018. Mokslininkams vasara – ne poilsio, o bendradarbiavimo ir tyrimų laukuose metas. *Geologijos akiračiai*. 3/2018. pp. 32-36.

12. **Pupienis D.** 2018. Mokomoji-pažintinė išvyka į Lietuvos pajūrį. Geologijos akiračiai. 2/2018. pp. 38-44.
13. Karlonienė, D., Jarmalavičius, D., Žilinskas, G., Vilčinska, V., **Pupienis, D.** 2018. Sunkiųjų mineralų erdvinis pasiskirstymas antropogeniškai paveiktuose Baltijos jūros kranto ruožuose. Jūros ir krantų tyrimai 2018: 11-oji nacionalinė jūros mokslų ir technologijų konferencija: 2018 gegužės 24-25 d. Klaipėda. Klaipėda, 1-5 p.
14. Grendaitė D., Valaika G., Pašiškevičiūtė R., Garbenčiūtė R., **Pupienis D.**, Meyer T., Grinevičiūtė K. 2017. Išpūdžiai iš pirmosios praktinės pažintinės kelionės į Latvijos pajūrį. Geologijos akiračiai. 4/2017. Pp. 44-48.
15. Žilinskas, G., Jarmalavičius, D., Damušytė, A., **Pupienis, D.** 2016. Kur egzistavo Juodkrantėje sąsiauris post-litorinos metu. Jūros ir krantų tyrimai - 2016: 9-oji mokslinė – praktinė konferencija: konferencijos medžiaga: 2016 m. balandžio 27-29 d., Klaipėda.
16. Žilinskas, G., Jarmalavičius, D., **Pupienis, D.**, Fedorovič. J. 2016. Litologinių anomalijų išskyrimo nerijų krantuose metodologiniai aspektai. Jūros ir krantų tyrimai - 2016: 9-oji mokslinė – praktinė konferencija: konferencijos medžiaga: 2016 m. balandžio 27-29 d., Klaipėda.

PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

- | | |
|-----------|--|
| 2022 | Project assistant /research scientist. “Imaging Holocaust and Coastal Environments: Latvia and Lithuania”. Project funded by University of Wisconsin-Eau Claire, USA. Project leader prof. H. Jol. |
| 2019 | Project Leader. “Fragile interface: impact of extreme coastal events on human-landscape interaction and preservation of cultural heritage”. Projects funded by Baltic American freedom foundation. |
| 2018 | Project assistant /research scientist. “Subsurface Imaging of Significant Archaeological and Geomorphic Landscapes in Lithuania: Developing Strong Partnerships”. Project funded by University of Wisconsin-Eau Claire, USA. Project leader prof. H. Jol. |
| 2017 | Project assistant/research scientist. “Imaging Noteworthy Archaeological and Geomorphic Sites in Lithuania: Developing a Collaborative International Partnership”. Project supported by University of Wisconsin-Eau Claire, USA. Project leader prof. H. Jol. |
| 2015 | Research scientist. “Aeolian differentiation of mineralogical and bioclastic fraction of Hurricane Sandy (2012) overtop deposit, Island Beach State Park, New Jersey”. The Internationalization Program Award to IB. Project funded by Temple University, USA. Project leader asocc. prof. I.V. Buynevich. |
| 2014 | Research scientist. “Geophysical (GPR, low-field magnetic susceptibility) and sedimentological research of paleosols, Great Dune Ridge, Lithuania and early Holocene paleo-shorelines, Cape Kolka, Latvia”. The Internationalization Program Award to IB. Project funded by Temple University, USA. Project leader asocc. prof. I.V. Buynevich. |
| 2010 | Research scientist. “Early-Middle Holocene stratigraphy and magnetic susceptibility surveys of relict dunes, Curonian Spit, Lithuania”. Project funded by Metropolitan College, Boston University project, USA. Project leader asocc. prof. I.V. Buynevich. |
| 2009-2012 | Research scientist. INTERREG III C project: “Climate Change: Impacts, Costs and Adaptation in the Baltic Sea Region (Baltica)”. Project funded by EU. Project leader prof. E. Rimkus (Vilnius University). |

- 2009-2010 **Research scientist.** Lithuania - Ukraine Bilateral Scientific Cooperation project. "Regional ecosystems in the Baltic and Black Seas, in response to global-scale climate changes". Project funded by Research Council of Lithuania. Project leader asoc. prof. G. Stankūnavičius (Vilnius University).
- 2008 **Research scientist/coordinator.** "Magnetic susceptibility surveys of Holocene dunes and vertebrate ichnological assays of coastal sub-environments Curonian Spit, Lithuania". Project funded by Metropolitan College, Boston University project, USA. Project leader asoc. prof. I.V. Buynevich.
- 2007 **Research scientist.** "Geoenvironmental research for sustainable development and natural hazards identification of the Polish - Lithuanian border and the Coastal Strip". Polish Geological Institute and the Lithuanian Geological Survey under the Ministry of Environment project. Project funded by EU. Project leaders: dr. M. Graniczny (PGI); dr. J. Satkūnas. (LGS).
- 2007 **Research scientist.** "GPR and geoarchaeological surveys of recent dunes, northern Curonian Spit, Lithuania". Project supported by National Geographic Education foundation, USA. Project leader asoc. prof. I.V. Buynevich.
- 2005 **Research scientist.** „High-resolution geophysical surveys of dunes along the northern Curonian Spit, Lithuania". Project funded by Woods Hole Woods Hole Oceanographic Institution, USA. Project leader asoc. prof. I.V. Buynevich.
- 2019-2020 **Project Leader.** "Determination of Swash Mark on the Sea Shore Based on in situ and Remote Measurement Methods" (09.3.3.-LMT-K-712-16-0159). The Measure 09.3.3-LMT-K-712 "Development of Scientific Competences of Scientists, other Researchers and Students through Practical Research Activities" Project financed by the Ministry of Education, Science and Sport of the Republic of Lithuania and the Research Council of Lithuania.
- 2019 **Project Leader.** "Analysis of Spatiotemporal Rhythmic Structures Variation on the Sandy Sea Shore" (09.3.3.-LMT-K-712-15-0039). The Measure 09.3.3-LMT-K-712 "Development of Scientific Competences of Scientists, other Researchers and Students through Practical Research Activities". Project financed by the Ministry of Education, Science and Sport of the Republic of Lithuania and the Research Council of Lithuania.
- 2019 **Project Leader.** "Fragile interface: impact of extreme coastal events on human-landscape interaction and preservation of cultural heritage". Project supported by Baltic American Freedom Foundation.
- 2018-2019 **Project Leader.** "Estimation of Heavy Mineral Concentration Change in the Cross-shore Profile on the Sea Shore" (09.3.3.-LMT-K-712-10-0072). The Measure 09.3.3-LMT-K-712 "Development of Scientific Competences of Scientists, other Researchers and Students through Practical Research Activities". Project financed by the Ministry of Education, Science and Sport of the Republic of Lithuania and the Research Council of Lithuania.
- 2018-2022 **Project leader.** "Spatial and temporal variability models of coastal zone sediment grain-size parameters" (KD-18037). Funding is provided under the European Union Structural Funds project "Development of Doctoral Studies". Project financed by the Research Council of Lithuania.
- 2017-2021 **Project leader.** "Spatial Distribution of Human-induced Heavy Metal Pollution on Sandy Coasts" (KD-17191). Funding is provided under the European Union Structural Funds project "Development of Doctoral Studies". Project financed by the Research Council of Lithuania.
- 2014-2016 **Research scientist.** „Morphological and Lithological Anomalies on Spit Coast" (MIP-039/2014). Project financed by the Research Council of Lithuania. Project leader dr. G. Žilinskas (Nature Research Centre).

- 2013 **Research scientist.** “Programme of coastal management for 2014–2020”. Project funded by Lithuanian Ministry of Environment. Project leader dr. G. Žilinskas (Nature Research Centre).
- 2013 **Research scientist.** “Coastal management program of the territory of Palanga city municipality”. Project funded by Palanga municipality. Project leader dr. G. Žilinskas (Nature Research Centre).
- 2012 **Project leader.** “Water Discharge and Channel Bed Changes in the Nemunas River Delta Tributaries”. The Research Council of Lithuania project “Promotion of Student Research”, under the Human Resources Development Program 2007-2013 Priority 3 “Strengthening Researchers' Capacity” measure “Promotion of Mobility of Researchers and Other Researchers and Student Research.
- 2011-2012 **Project leader.** “Dynamics of Baltic Sea eddies and their classification“ The Research Council of Lithuania project “Promotion of Student Research”, under the Human Resources Development Program 2007-2013 Priority 3 “Strengthening Researchers' Capacity” measure “Promotion of Mobility of Researchers and Other Researchers and Student Research.
- 2010-2011 **Project leader.** “The Change in Plants Cover of Foredune”. The Research Council of Lithuania project “Promotion of Student Research”, under the Human Resources Development Program 2007-2013 Priority 3 “Strengthening Researchers' Capacity” measure “Promotion of Mobility of Researchers and Other Researchers and Student Research.
- 2007 **Research scientist.** “Nearshore nourishment at the central beach of Palanga”. Project financed by Lithuanian Ministry of Environment. Project leader dr. G. Žilinskas (Institute of Geology and Geography).
- 2007 **Research scientist.** “Programme of coastal management for 2008–2013”. Project financed by Lithuanian Ministry of Environment. Project leader dr. G. Žilinskas (Institute of Geology and Geography).
- 2005 **Research scientist.** “Modified Programme for the Lithuanian Coastal Strip Management”. Project financed by Lithuanian Ministry of Environment. Project leader dr. G. Žilinskas (Institute of Geology and Geography).
- 2003 **Research scientist.** „Programme for the Lithuanian Coastal Strip Management” Project financed by Lithuanian Ministry of Environment. Project leader dr. G. Žilinskas (Institute of Geography).
- 2000-2002 **Research scientist.** “Geological atlas of the Baltic Sea Lithuanian coast (M1:50 000)”. Project financed by Lithuanian Geological Survey under Ministry of Environment. Project leader senior geologist. A. Bitinas (Lithuanian Geological Survey under Ministry of Environment).

INTERNSHIP AND TRAINING

- 2019 October COST Action CA 15127 - "Coastal zone management out of geological perspective". Polish Geological Institute - national Research Institute, Gdansk, Poland.
- 2015 May Course “Coastal Sediment Dynamics (recent theoretical and modelling advances)”. San Diego, USA.
- 2010 October Short-term internship at the Marine Hydrophysical Institute, “Large-Scale Interaction between the Ocean and the Atmosphere”, Sevastopol, Ukraine.
- 2009 October Problems of sandy shore management in the 21st century, Marine Hydrophysical Institute, Sevastopol, Ukraine
- 2005 October-December Internship in Polish Academy of Sciences Institute of Oceanology, Baltic Sea hydrodynamic modelling, Sopot, Poland.

PARTICIPATION IN SCIENTIFIC CONFERENCES

International scientific conferences:

1. Buynevich, I.V., Tõnisson, H., **Pupienis, D.**, Tamura, T., 2021. Mineralogical anomalies as paleo-energy proxies in Late Holocene coastal lithosomes of Estonia and Lithuania. GSA Northeastern Section Abstracts with Programs, Hartford, CT, v. 53, doi: 10.1130/abs/2021NE-361454.
2. Karlonienė, D., **Pupienis, D.**, Žilinskas, G., Jarmalavičius, D., Dubikaltienė, A., Viršilaitė, K. 2019. Lithological and geochemical anomalies on the Baltic Sea coast (Curonian Spit, Lithuania)// 12th Baltic Sea Science Congress, 19–23 August 2019, Stockholm, Sweden.
3. **Pupienis, D.**, Buynevich, I., Jarmalavičius, D., Žilinskas, G., Karlonienė, D., Dubikaltienė, A., Viršilaitė, K. 2019. Assessment of spatial fluctuations in rhythmic shoreline patterns related to sediment magnetic characteristics. //12th Baltic Sea Science Congress, 19–23 August 2019, Stockholm, Sweden.
4. Dubikaltienė, A., **Pupienis, D.**, Karlonienė, D., Viršilaitė, K., Jarmalavičius, D., Žilinskas, G. Implication of grain-size trend analysis in sediment transport pathways determination (South-eastern Baltic Sea). //12th Baltic Sea Science Congress, 19–23 August 2019, Stockholm, Sweden.
5. Viršilaitė, K., **Pupienis, D.**, Karlonienė, D. 2019. The use of magnetic susceptibility for the identification of the swash zone run-up limit. Geophysical Research Abstracts Vol. 21, EGU2019-553, 2019 EGU General Assembly 2019. 05–13 April 2019, Vienna (Austria).
6. Karlonienė, D., **Pupienis, D.**, Dubikaltienė, A., Žilinskas, G., Jarmalavičius, D. 2019. Lithological and geochemical analysis of mainland and spit sandy beach sediments: SE Baltic Sea (Lithuania). 2nd Conference of the Arabian Journal of Geosciences (CAJG), 25-28 November 2019 Sousse, Tunisia
7. Viršilaitė, K., **Pupienis, D.** 2019. Heavy mineral concentration as a proxy for high energy event tracing on sandy beaches. „Open reading 2019“. 19-22 March 2019, Vilnius (Lithuania) <http://www.openreadings.eu/thesismanager/thesis19/P3-71.pdf>
8. Karlonienė, D., **Pupienis, D.**, Tautkus, S., Žarkov, A. 2018. Assessment of heavy metals content in beach sediments along the Southeastern Baltic Sea Coast (Lithuania). International conference „EcoBalt2018“, October 25-27, 2018 Vilnius, Lithuania.
9. Karlonienė D., Vilčinska V. Pupienis D. 2018. Magnetic susceptibility as proxy for heavy metal pollution detection on the southeastern Baltic Sea. 61st International Conference for Students of Physics and Natural Sciences, Open Readings 2018, March 20-23, 2018, Vilnius, Lithuania, 99 p.
10. Vilčinska V., Karlonienė D., Pupienis D. 2018. Assessment of beach nourishment impact in Palanga coastal zone, Lithuania. 61st International Conference for Students of Physics and Natural Sciences, Open Readings 2018, March 20-23, 2018, Vilnius, Lithuania, 98 p.
11. Mataitis R. J., Burds L., Beck J., Jol H. M., Pupienis D. 2017. Ground penetrating radar investigation of the Curonian Spit, Lithuania. GSA Annual Meeting in Seattle, Washington, USA – 2017. Geological Society of America Abstracts with Programs. Vol. 49, No. 6. doi: 10.1130/abs/2017AM-306889
12. **Pupienis, D.**, Buynevich, I.V., Jarmalavičius, D., Žilinskas, G., Fedorovič, J., Ryabchuk, D., Kovaleva, O., Sergeev, A., Cichon-Pupienis, A. 2016. Density-lag anomaly patterns in backshore sands along a paraglacial barrier spit. Geophysical Research Abstracts Vol. 18, EGU2016-4242-1, 2016 EGU General Assembly 2016.
13. **Pupienis, D.**, Buynevich, I.V., Dobrotin, N., Jarmalavičius, D., Žilinskas, Jukna, L., Cichon-Pupienis, A. 2016. Assessment of long-term dynamics of the Curonian Spit foredune in response to hydrometeorological regime change. 1st Baltic Earth Conference Multiple drivers for Earth system changes in the Baltic Sea region Nida, Curonian Spit, Lithuania 13 - 17 June 2016. pp. 128-130.

14. **Pupienis, D.**, Buynevich I.V. 2015. Mineralogical anomalies as storm indicators along nontidal (Black and Baltic Sea coasts) and microtidal (Central New Jersey, USA) coasts: recent observations and geological evidence. Geological Society of America Abstracts with Programs. Vol. 47, No. 7, p.561
<https://gsa.confex.com/gsa/2015AM/webprogram/Paper262394.html>
15. **Pupienis, D.**, Buynevich, I.V., Jarmalavičius, D., Žilinskas, G., Fedorovič, J., Ryabchuk, D., Kovaleva, O., and Sergeev, A., 2015. Spatial pattern in heavy-mineral concentrations on the Curonian Spit sea coast as indicator of human activities and natural processes. 10th Baltic Sea Science Congress Abstracts, Riga, Latvia. p. 159.
16. Jarmalavičius, D., **Pupienis, D.**, Buynevich, I.V., Žilinskas, G., Fedorovič, J. 2015. Aeolian sand differentiation along the Curonian Spit Coast, Baltic Sea, Lithuania. Coastal Sediments 2015. The Proceedings of the Coastal Sediments 2015. San Diego, USA, 11 – 15 May 2015. doi: 10.1142/9789814689977_0045
17. Skyraitė S., Pupienis D. 2015. Sea surface temperature fronts in the Baltic Sea. 58th Scientific Conference for Students of Physics and Natural Sciences Open Readings 2015 March 24-27, 2015 Vilnius, LITHUANIA. P. 72.
18. Buynevich, I.V., Bitinas, A., **Pupienis, D.**, Damušytė, A., Brūniņa, L., Sivkov, V.V., Dobrotin, N., Tõnisson, H., and Orviku, K., 2015. Paraglacial mega-barriers of the Baltic Sea: a decade of collaborative research. GSA Northeastern Section Abstracts with Programs, Bretton Woods, NH, v. 47, p. 44.
<https://gsa.confex.com/gsa/2015NE/webprogram/Paper252844.html>
19. Buynevich, I.V., Bitinas, A., Tõnisson, H., Brūniņa, L., **Pupienis, D.**, Dobrotin, N., Damušytė, A., Vilumaa, K., Vandel, E., and Anderson, A., 2015. Coastal relicts in the Baltic woods: GPR imaging of early-stage paleo-shorelines at Cape Kolka, Latvia. GSA Northeastern Section Abstracts with Programs, Bretton Woods, NH, v. 47, p. 83.
<https://gsa.confex.com/gsa/2015NE/webprogram/Paper252850.html>
20. Buynevich, I.V., Bitinas, A., Tõnisson, H., Brūniņa, L., **Pupienis, D.**, Dobrotin, N., Damušytė, A., Molodkov, A., Vilumaa, K., Vandel, E., Anderson, A., and Orviku, K., 2015. Comparative sedimentology and internal structure of early stage coastal mega-ridges at Cape Kolka, Latvia. 10th Baltic Sea Science Congress Abstracts, Riga, Latvia. p. 45.
21. Buynevich, I.V., Gregorauskiene, V., Bitinas, A., Damušytė, A., Dobrotin, N., **Pupienis, D.**, and Pickett, W.J., 2015. Diagnostic magnetic susceptibility signatures of episodic pedogenesis in aeolian slipface sequences, Great Dune Ridge, Lithuania. 10th Baltic Sea Science Congress Abstracts, Riga, Latvia. p. 248.
22. Buynevich, I.V., Gnivecki, P.L., Curran, H.A., Savarese, M., Bitinas, A., Dobrotin, N., **Pupienis, D.**, Park Boush, L.E., Damušytė, A., Brūniņa, L., Lloyd, G., Brake, M., and Felgar, C., 2015. Geoarchaeological implications of biogenically induced high-amplitude GPR anomalies in Baltic and Bahamian coastal dunes. 10th Baltic Sea Science Congress Abstracts, Riga, Latvia. p. 46.
23. Jarmalavičius D., Pupienis D., Žilinskas G. 2015. Effect of sea level fluctuation on foredune dynamics Lithuanian Baltic Sea coast. 10th Baltic Sea Science Congress Abstracts, Riga, Latvia. p. 162.
24. Fedorovič J., Pupienis D., Jarmalavičius D., Žilinskas G. 2015. Sand grain-size variability in erosional and accretional zones along the Baltic Sea coast, Lithuania. 10th Baltic Sea Science Congress Abstracts, Riga, Latvia. p. 205.

National scientific conferences:

1. Dubikaltienė, A., **Pupienis, D.**, Jarmalavičius, D., Žilinskas, G., Karlionienė, D. 2020. Pietryčių Baltijos jūros žemyninio kranto paplūdimio sąrašų smėlio dalelių kaita 1993–2018 metais // Jūros ir krantų tyrimai 2020: 13-oji nacionalinė jūros mokslų ir technologijų konferencija: konferencijos medžiaga: 2020 spalio 7–9 d., Klaipėda. Klaipėda: Klaipėdos universitetas, p. 50-53.
2. Janušaitė, R., Jarmalavičius, D., Karaliūnas, V., Jukna, L., Žilinskas, G., **Pupienis, D.** 2020. Jūros

- priekrantės sėklių morfodinamikos įtaka Kuršių nerijos kranto raidai (Preilos pavyzdžiu) // Jūros ir krantų tyrimai 2020: 13-oji nacionalinė jūros mokslų ir technologijų konferencija: konferencijos medžiaga: 2020 spalio 7–9 d., Klaipėda. Klaipėda: Klaipėdos universitetas, p. 74-77.
3. Karlonienė, D., **Pupienis, D.**, Dubikaltienė, A., Jarmalavičius, D., Žilinskas, G. 2020. Sunkiųjų metalų kaita Lietuvos Baltijos jūros paplūdimiuose 2014-2018 metais // Jūros ir krantų tyrimai 2020: 13-oji nacionalinė jūros mokslų ir technologijų konferencija: konferencijos medžiaga: 2020 spalio 7–9 d., Klaipėda. Klaipėda: Klaipėdos universitetas, p. 85-88.
 4. **Pupienis, D.**, Dubikaltienė, A., Jarmalavičius, D., Žilinskas, G., Karlonienė, D. 2020. Ar geologinė sandara ir neotektoniniai judesiai gali įtakoti kranto zonos sąnašų granulimetrinę sudėtį? // Jūros ir krantų tyrimai 2020: 13-oji nacionalinė jūros mokslų ir technologijų konferencija: konferencijos medžiaga: 2020 spalio 7–9 d., Klaipėda. Klaipėda: Klaipėdos universitetas, p. 184-187.
 5. Viršilaitė, K., **Pupienis, D.** 2020. Plūsmo srauto ribos nustatymo galimybių apžvalga pietryčių Baltijos jūros paplūdimiuose // Jūros ir krantų tyrimai 2020: 13-oji nacionalinė jūros mokslų ir technologijų konferencija: konferencijos medžiaga: 2020 spalio 7–9 d., Klaipėda. Klaipėda: Klaipėdos universitetas, p. 235-238.
 6. Dubikaltienė, A., **Pupienis, D.**, Jarmalavičius, D., Žilinskas, G., Karlonienė, D. 2020. Kuršių nerijos jūros kranto paplūdimio sąnašų smėlio dalelių kaita 1993–2018 metais // Klimato kaita Lietuvoje: globalūs ir nacionaliniai iššūkiai, stebėseną ir politikos gairės, konferencija, 2020 m. gegužės 22 d.: pranešimų tezės. Vilnius, p. 60.
 7. Mikėnas, J., **Pupienis, D.** 2020. Baltijos jūros smėlėto kranto ritminių darinių kaita // Klimato kaita Lietuvoje: globalūs ir nacionaliniai iššūkiai, stebėseną ir politikos gairės, konferencija, 2020 m. gegužės 22 d. pranešimų tezės. Vilnius, p. 40.
 8. Stankūnavičius, G., **Pupienis, D.**, Frišmantas, D., Jarmalavičius, D. 2020. Stipriausios vėjo audros Baltijos jūros Lietuvos pakrantėje // Klimato kaita Lietuvoje: globalūs ir nacionaliniai iššūkiai, stebėseną ir politikos gairės : konferencija, 2020 m. gegužės 22 d. pranešimų tezės. Vilnius, p. 13.
 9. Viršilaitė, K., **Pupienis, D.** 2020. Sunkiųjų mineralų įtaka paplūdimio nuolydžio susidarymui // Klimato kaita Lietuvoje: globalūs ir nacionaliniai iššūkiai, stebėseną ir politikos gairės: konferencija, 2020 m. gegužės 22 d. pranešimų tezės. Vilnius, 2020. p. 70.
 10. Karlonienė, D., **Pupienis, D.**, Dubikaltienė, A., Žilinskas, G., Jarmalavičius, D. 2019. Morfolitologinių ir geocheminių anomalijų pasiskirstymo analizė Kuršių nerijos jūros kranto paplūdimyje. Jūros ir krantų tyrimai 2019: 12-oji nacionalinė jūros mokslų ir technologijų konferencija, 2019 m. gegužės 9–10 d., Klaipėda: konferencijos medžiaga. – Klaipėda: Klaipėdos universitetas, 2019. p. 100–103.
 11. Dubikaltienė, A., **Pupienis, D.**, Karlonienė, D., Karaliūnas, V., Vilčinska, V. 2019. Pietryčių Baltijos jūros nešmenų pernašos vertinimas remiantis dugno nuosėdų grūdelių dydžio pasiskirstymo rodiklių analize. Jūros ir krantų tyrimai 2019: 12-oji nacionalinė jūros mokslų ir technologijų konferencija, 2019 m. gegužės 9–10 d., Klaipėda: konferencijos medžiaga. – Klaipėda: Klaipėdos universitetas, 2019. p. 53–57.
 12. Karlonienė D., Jarmalavičius D., Žilinskas G., Vilčinska V., Pupienis D. 2018. Sunkiųjų mineralų erdvinis pasiskirstymas antropogeniškai paveiktuose Baltijos jūros kranto ruožuose. Jūros ir krantų tyrimai 2018: 11-oji nacionalinė jūros mokslų ir technologijų konferencija: 2018 gegužės 24-25 d. Klaipėda. Klaipėda, 1-5 p.
 13. Žilinskas, G., Jarmalavičius, D., Damušytė, A., Pupienis, D. 2016. Kur egzistavo Juodkrantėje sąsiauris post-litorinos metu. Jūros ir krantų tyrimai - 2016: 9-oji mokslinė – praktinė konferencija: konferencijos medžiaga: 2016 m. balandžio 27-29 d., Klaipėda.
 14. Žilinskas, G., Jarmalavičius, D., **Pupienis, D.**, Fedorovič, J. 2016. Litologinių anomalijų išskyrimo nerijų krantuose metodologiniai aspektai. Jūros ir krantų tyrimai - 2016: 9-oji mokslinė – praktinė konferencija: konferencijos medžiaga: 2016 m. balandžio 27-29 d., Klaipėda.

PARTICIPATION IN THE STUDY PROCESS

Supervision of PhD students:

	Natural Sciences (N000), Physical Geography (N006)	
Dovilė	PhD thesis: “Change in Potentially Harmful Elements in the Beach Sediments of a Seacoast”	2017-10-01 – 2022-06-24
Karlonienė		
Aira	PhD thesis: “Spatial and temporal variability models of coastal zone sediment grain-size parameters”	2018 - 2023
Dubikaltienė		

Participation in the activities of doctoral committees:

2017 – until now	Chairman of the Joint Doctoral Committee of Physical Geography (Vilnius University, Klaipėda University, Natural Research Centre).
2014 – until now	Member of the Doctoral Commission of the Physical Geography (Natural Research Centre).
2014 – 2017	Member of the Joint Doctoral Committee of the Physical Geography (Vilnius University, Klaipėda University, Natural Research Centre).

Participation in the activities of doctoral defence committees:

	<i>Natural Sciences (N000), Physical Geography (N006)</i>	
Justinas Kilpys	PhD thesis: „Determination of snow cover characteristics in flat land areas using remote sensing methods“. Chair of PhD thesis defence committee. (Vilnius University, Klaipėda University, Nature Research Centre)	2021
Lauryna Šidlauskaitė	PhD thesis: “Current and future winter road weather condition forecasting in Lithuania“. Chair of PhD thesis defence committee. (Vilnius University, Klaipėda University, Nature Research Centre)	2020
	<i>Physical Sciences, Geology (05P)</i>	
J. Paškauskaitė	PhD thesis: „Pleistocene deposit structure and sedimentation conditions of Lithuanian Maritime Region“. Member of PhD thesis defence committee. (Vilnius University, Institute of Geology and Geography)	2015
	<i>Physical Sciences, Geography (06P)</i>	
Laurynas Jukna	PhD thesis: "Methodology of quantitative assessment of landscape technogeneity (case of largest Lithuania cities)". Member of PhD thesis defence committee. (Vilnius University, Institute of Geology and Geography)	2014
Andrius Balčiūnas	PhD thesis: „Methodology of research on functionality of interactive internet maps“. Member of PhD thesis defence committee. (Vilnius University, Institute of Geology and Geography)	2014
Danguolė Karmazienė	PhD thesis: „The morphogenesis and spatial spread of the kame terraces of the Late Nemunas Glaciation“. Opponent of PhD thesis defence. (Vilnius University, Institute of Geology and Geography)	2014
Kęstutis Papšys	PhD thesis: „Methodology of development of cartographic information system for evaluation of risk of extreme events“. Opponent of PhD thesis defence. (Vilnius University, Institute of Geology and Geography)	2013
Jolita Eidikonienė	PhD thesis: „Distribution of beach users on the sea coast“. Opponent of PhD thesis defence. (Vilnius University, Institute of Geology and Geography)	2013
Jurgita	PhD thesis: „Study of the functional use of lakes“. Member of PhD	2012

Daubarienė thesis defence committee. (Vilnius University, Institute of Geology and Geography)

Technological Sciences, Environmental Engineering (04T)

Ramūnė PhD thesis: „Drinking water quality research and improvement
Albrektienė measures“. Member of PhD thesis defence committee. (Vilnius Gediminas Technical University) 2013

Supervision of bachelor and master students:

Kristina Višilaitė	Bachelor thesis: „Swash Limit Determination on Sandy Beaches using Field Measurement and Remote Sensing Methods" (VU Faculty of Chemistry and Geosciences, Meteorology and Hydrology Bachelor degree programme)	2018-2022
Vytautas Patašius	Bachelor thesis: „Assessment of Paleo Wind Regime Based on Magnetic Susceptibility Measurements of Curonian Spit Dune Sediments" (VU Faculty of Chemistry and Geosciences, Meteorology and Hydrology Bachelor degree programme)	2016-2020
Julija Lingaitytė	Bachelor thesis: „Foredune Vegetation Variability on the Curonian Spit in 20th-21st Centuries" (VU Faculty of Chemistry and Geosciences, Meteorology and Hydrology Bachelor degree programme)	2016-2020
Samanta Vaičiulytė	Bachelor thesis: „Assessment of Sediment Transport Based on the Analysis of Grain Size Trends in the Southeastern Baltic Sea Nearshore" (VU Faculty of Chemistry and Geosciences, Meteorology and Hydrology Bachelor degree programme)	2015-2019
Sindikevičius Ruslanas	Bachelor thesis: „The Variation of the Morphometric Parameters in the Baltic Sea Coast" (VU Faculty of Chemistry and Geosciences, Meteorology and Hydrology Bachelor degree programme)	2014-2018
Justinas Mikėnas	Bachelor thesis: „The Change of Thermocline and Halocline Between Baltic and North Seas in 1980–2010" (VU Faculty of Chemistry and Geosciences, Meteorology and Hydrology Bachelor degree programme)	2014-2018
Džiuginta Žemaitytė	Bachelor thesis: „The Paleodynamic Conditions on the Curonian Spit Coast" (VU Faculty of Chemistry and Geosciences, Meteorology and Hydrology Bachelor degree programme)	2013-2017
Marius Šileika	Bachelor thesis: „Evolution of the Baltic Sea Cliff Coast" (VU Faculty of Chemistry and Geosciences, Meteorology and Hydrology Bachelor degree programme)	2013-2017
Gintarė Grevytė	Bachelor thesis: „Coastal Development of the Baltic Sea Curonian Spit" (VU Faculty of Chemistry and Geosciences, Meteorology and Hydrology Bachelor degree programme)	2012-2016
Veronika Vilčinska	Bachelor thesis: „The Study of the Longshore Currents in the Curonian Spit Nearshore" (VU Faculty of Natural Science, Meteorology and Hydrology Bachelor degree programme)	2011-2014
Agnė Globytė	Bachelor thesis: „The Dynamics of Kauno Marios Shoreline in 1960–2010" (VU Faculty of Natural Science, Meteorology and Hydrology Bachelor degree programme)	2011-2014
Rūta Šarakauskaitė	Bachelor thesis: „Kauno marių krantų dinamika 1960–2010 metais" (VU Faculty of Natural Science, Meteorology and Hydrology Bachelor degree programme)	2010-2013
Linus Maisiejus	Bakalaurinio darbo tema: „The Dynamics of the Baltic Sea Coast	2010-2013

	Sediment in the Curonian Spit in 2003–2012" (VU Faculty of Natural Science, Meteorology and Hydrology Bachelor degree programme)	
Aistė Kazulėnaitė	Bachelor thesis: „Sea Level Variation Comparison in the Baltic Sea and Curonian Lagoon using Data from Satellite Altimetry and Tide Gauges" (VU Faculty of Natural Science, Meteorology and Hydrology Bachelor degree programme)	2010-2013
Rūta Jacinavičiūtė	Bachelor thesis: „Variation of Sea Water Acidity in the Central Baltic Sea Cross Section" (VU Faculty of Natural Science, Meteorology and Hydrology Bachelor degree programme)	2010-2013
Žilvinas Savickas	Bachelor thesis: „Surge Peculiarities in South-eastern Baltic Sea Nearshore" (VU Faculty of Natural Science, Meteorology and Hydrology Bachelor degree programme)	2008-2011
Julija Fedorovič	Bachelor thesis: „The Oxygen Variations in the Cross-section along the Baltic Sea Proper" (VU Faculty of Natural Science, Meteorology and Hydrology Bachelor degree programme)	2008-2011
Vaida Valančiūtė	Bachelor thesis: „The Peculiarities of the Baltic Sea Shoreline Dynamics" (VU Faculty of Natural Science, Meteorology and Hydrology Bachelor degree programme)	2008-2010
Rokas Survila	Bachelor thesis: „The Shoreline Dynamics of the Curonian Lagoon" (VU Faculty of Natural Science, Meteorology and Hydrology Bachelor degree programme)	2008-2010
Justė Karbauskaitė	Bachelor thesis: „The Shoreline Dynamics in the Impact Zone of Klaipėda Port" (VU Faculty of Natural Science, Meteorology and Hydrology Bachelor degree programme)	2008-2010
Andrius Peštenis	Bachelor thesis: “An Interaction of Hydrometeorological and Anthropogenic Factors on Coastal Processes of Palanga Baltic Sea” (VU Faculty of Natural Science, Meteorology and Hydrology Bachelor degree programme)	2008 – 2009
Agnė Strunkytė	Bachelor thesis: „Nemunas Delta Coastal Dynamic in 1993-2005" (VU Faculty of Natural Science, Meteorology and Hydrology Bachelor degree programme)	2008 – 2009
Justinas Mikėnas	Master thesis: „The Change of Rhythmic Shoreline Features on the Baltic Sea Coast" (VU Faculty of Chemistry and Geosciences, Hydrometeorology Master degree programme)	2019-2021
Grinvydas Špelveris	Master thesis: „Variation of Heavy Mineral Concentration on the Southeastern Baltic Sea Shore" (VU Faculty of Chemistry and Geosciences, Hydrometeorology Master degree programme)	2017-2020
Veronika Vilčinska	Master thesis: „Aspects of the Morpholithodynamics in the Palanga Coastal Zone in 1975–2015" (VU Faculty of Natural Science, Hydrometeorology Master degree programme)	2014-2016
Simona Skyraitė	Master thesis: „Fronts in the Baltic Sea: Spatial and Temporal Variation" (VU Faculty of Natural Science, Hydrometeorology Master degree programme)	2013-2015
Erika Glazačiovaitė	Master thesis: „Water Discharge and Channel Bed Changes in the Nemunas River Delta Tributaries" (VU Faculty of Natural Science, Hydrometeorology Master degree programme)	2011-2013
Julija Fedorovič	Master thesis: „The Differentiation of Sand Particles using Grain-size Analysis on the Baltic Sea Coast, Lithuania" (VU Faculty of Natural Science, Hydrometeorology Master degree programme)	2011-2013
Asta Bajerčiūtė	Master thesis: „Temperature and Salinity Regime in the Baltic Proper" (VU Faculty of Natural Science, Hydrometeorology Master	2010-2012

Marija Serovaitė degree programme)
Master thesis: „The dynamics of eddies in the southern part of the Baltic sea" (VU CHGF, Hidrometeorologijos studijų programa) 2009-2011

OTHERS

Science popularization activities:

1. **Pupienis, D.** 2018. Paplūdimius ardo, ir gamta ir žmogus. Savaitė. 25. 2018. birželio 21 d. pp. 18-19.
2. **Pupienis, D.** 2018. Keičiantis Kuršių nerijai turi kisti ir mūsų mąstymas. Kultūros almanachas. Dorės. Klaipėda. pp. 62-68.
3. **Pupienis, D.** 2018. Mokslininkams vasara – ne poilsio, o bendradarbiavimo ir tyrimų laukuose metas. Geologijos akiračiai. 3/2018. pp. 32-36.
4. **Pupienis, D.** 2018. Mokomoji - pažintinė išvyka į Lietuvos pajūrį. Geologijos akiračiai. 2/2018. pp. 38-44.
5. **Pupienis, D.** 2018. Paplūdimius ardo, ir gamta ir žmogus. Savaitė. 25. 2018. birželio 21 d. pp. 18-19.
6. Grendaitė, D., Valaika, G., Pašiškevičiūtė, R., Garbenčiūtė, R., **Pupienis, D.**, Meyer, T., Grinevičiūtė, K. 2017. Įspūdžiai iš pirmosios praktinės pažintinės kelionės į Latvijos pajūrį. Geologijos akiračiai. 4/2017. Pp. 44-48.
7. **Pupienis, D.** 2015. 8-oji tarptautinė konferencija skirta krantų nuosėdų tyrimams „Coastal Sediments-2015“. Geologijos akiračiai. 2/2015. pp. 48-50
8. **Pupienis, D.** 2015. Vizito “TEMPLE” universitete ir tarptautinėje konferencijoje “COASTAL SEDIMENTS -2015” atgarsiai. <http://www.hkk.gf.vu.lt/wordpress/wp-content/uploads/2015/05/ATASKAITA.pdf>
9. Fedorovič, J., **Pupienis, D.**, Jarmalavičius, D., Damušytė, A., 2015. Įspūdžiai iš 10-ojo Baltijos jūros moklų kongreso. Geologijos akiračiai. 3/2015. pp. 48-49.
10. Žilinskas, G., Jarmalavičius, D., **Pupienis, D.** 2015. Uragano „Feliksas“ padarinių Kuršių nerijos jūriniam krantui apžvalga. http://www.nerija.lt/Files1/files/Feliksas_krantotvarka_zilinskas_2015.pdf
11. **Pupienis, D.** 2015. 8-oji tarptautinė konferencija skirta krantų nuosėdų tyrimams „Coastal Sediments-2015“. Geologijos akiračiai. 2. pp. 48-50

Public lectures:

1. **Pupienis, D.** 2020. Audros Pietryčių Baltijos jūros regione. Palangos kurorto muziejus. Palanga, 2020 vasario 5 d.
2. **Pupienis, D.** 2018. Audrų ir žmogaus poveikis Kuršių nerijos kopagūbriui. Kuršių nerijos regioninis parkas, Nida, 2018 rugpjūčio 4 d.
3. **Pupienis, D.** 2018. Sinoptinės meteorologijos ir krantotyros tyrimų sąveika. Vilniaus universitetas, Vilnius, 2018 lapkričio 26 d.
4. **Pupienis, D.** 2017. Kuršių nerijos istorija po ledynmečio ir mūsų laikais. Lietuvos geologų sąjungos seminaras, Kuršių nerijos regioninis parkas, Nida, 2017 spalio 10 d.
5. **Pupienis, D.** 2016. Ar Neringos atsiradimo legenda siejasi su mokslu? Erdvėlaivis-2016, Vydmantų gimnazija, Vydmantai, 2016 rugsėjo 17 d.
6. **Pupienis, D.** 2016. Ar Neringos atsiradimo legenda siejasi su mokslu? Erdvėlaivis-2016, Palangos senoji gimnazija, Palanga, 2016 rugsėjo 16 d.
7. **Pupienis, D.** 2015. Ar ateities kartos galės džiaugtis smėlėtais paplūdimiais? Klaipėdos Ažuolyno gimnazija, Klaipėda, 2015 balandžio 15 d.
8. **Pupienis, D.** 2014. Ar išnyks smėlėti paplūdimiai XXI a.? Erdvėlaivis-2014, Klaipėdos Verdenės gimnazija, Klaipėda, 2014 rugsėjo 16 d.

Awards:

2022. Award of the State Commission of the Lithuanian Language for the preparation of the "Explanatory Dictionary of Geographical Terms".

Membership in scientific or other professional organisations or associations and participation in their management:

Member of the elite International Sediment Club (ISC);

Member of the Coastal Education & Research Foundation (CERF);

Member of the Lithuanian Geological Society (LGS).