Ingrida Bagdanavičiūtė

CONTACT INFORMATION

Address	Akademijos Str. 2, Vilnius LT-08412, Lithuania
Tel. no.:	+370 698 49014
E-mail:	ingrida.bagdanaviciute@gamtc.lt
	orcid.org/0000-0001-9246-7676
	https://www.researchgate.net/profile/Ingrida-Bagdanaviciute
	https://scholar.google.lt/citations?hl=en&user=ALTfSKcAAAAJ
	https://www.linkedin.com/in/ingrida-bagdanaviciute-760331154/

EDUCATION AND ACADEMIC DEGREE

2002 – 2007	Physical sciences, geology (05 P) **doctoral degree** (Vilnius University and Institute of Geology and Geography). Doctoral thesis: "Evaluation of geological environment and its application in spatial planning", supervisor – dr. J. Valiūnas. Research area: environmental geology, GIS, spatial planning.
1999 – 2001	Vilnius University, Geological mapping, prospecting and exploration/ **Master**. Master's thesis: "Reconstruction of Ludlow stage stratigraphic sequence based on mathematical statistical methods according to geophysical and lithological data". Department of Geology and Mineralogy, Faculty of Natural Sciences, Vilnius University. Research area: Silurian lithology, application of mathematical statistical methods in geology.
1995 – 1999	Vilnius University, Geology / **Bachelor**. Bachelor thesis: "Reconstruction of stratigraphic sequence based on the first order Markov chain in the Vilkaviškis cross-section*"*. Department of Geology and Mineralogy, Faculty of Natural Sciences, Vilnius University. Research area: Silurian lithology, application of mathematical statistical methods in geology.

PROFESSIONAL EXPERIENCE

2022 06 – until now	**Senior Researcher** Laboratory of Quaternary Research, Nature Research Centre
2019 09 – until now	**Senior Researcher** (2019 01- 2022 03 maternity leave) Marine Research Institute, Klaipėda University
2018 09 – 2022 08	**Researcher** (2019 01- 2022 03 maternity leave) Institute of Geosciences, Faculty of Chemistry and Geosciences, Vilnius University
2012 09 – 2019 08	**Associate professor** Department of Natural Sciences, Faculty of Marine Technologies and Natural Sciences, Klaipėda University
2008 08 – 2019 08	**Researcher** (2009 01- 2011 02 maternity leave) Coastal Research and Planning Institute of Klaipėda University
2008 09 – 2009 08	**Lecturer** Department of Natural Sciences, Faculty of Marine Technologies and Natural Sciences, Klaipėda University
2007 06 – 2008 06	**Postdoctoral fellow** Coastal Research and Planning Institute of Klaipėda University
2003 06 – 2006 02	**GIS and IT specialist** Marie-Curie fellowship, Department of Operational Oceanography, Maritime

	Institute in Gdansk (Instytut Morski w Gdansku), Poland
2002 10 – 2007 05	**PhD student** Department of Quaternary Research, Institute of Geology and Geography
2001 09 – 2003 03	**Junior researcher** Department of Quaternary Research, Institute of Geology and Geography
1998 08 – 2002 09	**Lab technician** Department of Geology and Mineralogy, Faculty of Natural Sciences, Vilnius University

RESEARCH INTERESTS

Environmental geology, GIS spatial modelling and multi-criteria environmental assessment. Environmental sensitivity, vulnerability and risk assessment in the context of climate change and anthropogenic activities using GIS spatial analysis and multi-criteria decision-making methods (AHP, SAW, TOPSIS, etc.). Spatial planning of the environment and territories. Environmental impact assessment of anthropogenic activities. Development and application of methodologies for integrated environmental assessment. Analysis of ecosystem services.

PUBLICATIONS

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

1. Mouttaki, I., **Bagdanavičiūtė I.**, Maanan, M., Erraiss, M., Rhinane, H., Maanan, M. 2022. Classifying and mapping cultural ecosystem service using artificial intelligence and social media data. *Wetlands 42*, 86 (2022). https://doi.org/10.1007/s13157-022-01616-9
2. El Khalidi K., Bourhili A., **Bagdanavičiūtė I**., Minoubi A., Hakkou, M., Zourarah B., Maanan, M. 2021. Coastal land use and shoreline evolution along the Nador lagoon Coast in Morocco, *Geocarto International*, https://doi.org/10.1080/10106049.2021.1974958
3. Mouttaki, I., Khomalli, Y., Maanan, M., **Bagdanavičiūtė I.**, Rhinane, H., Kuriqi, A., Pham, Q. B., Maanan M. 2021. A New Approach to Mapping Cultural Ecosystem Services. *Environments 8* (56), https://doi.org/10.3390/environments8060056
4. Benkhattab, F.Z., Hakkou, M., **Bagdanavičiūtė I.**, El Mrini, A., Zagaoui, H., Rhinane H., Maanan M. 2020. Spatial–temporal analysis of the shoreline change rate using automatic computation and geospatial tools along the Tetouan coast in Morocco. *Natural Hazards 104*, 519–536. https://doi.org/10.1007/s11069-020-04179-2
5. **Bagdanavičiūtė I.**, Kelpšaitė-Rimkienė L., Galinienė J., Sooomere T. 2019. Index based multi-criteria approach to coastal risk assesment. *Journal of Coastal Conservation 23(4)*, 785-800. https://doi.org/10.1007/s11852-018-0638-5
6. **Bagdanavičiūtė I.**, Zaiko A., Umgiesser G., Vaičiūtė D., Kozlov I. 2018. GIS-based multi-criteria site selection for zebra mussel cultivation: Addressing end-of-pipe remediation of a eutrophic coastal lagoon ecosystem. *Science of The Total Environment 634*, 990-1003. https://doi.org/10.1016/j.scitotenv.2018.03.361
7. Kelpšaitė-Rimkienė L., Soomere T., **Bagdanavičiūtė I.**, Nesteckytė L., Žalys M. 2018. Measurements of long waves in port of Klaipėda, Lithuania. *Journal of coastal research. Special Issue No. 85*, 761-765. https://doi.org/10.2112/SI85-153.1
8. **Bagdanavičiūtė I.**, Kelpšaitė L., Soomere T. 2015. Multi-criteria evaluation approach to coastal vulnerability index development in micro-tidal low-lying areas. *Ocean&Coastal Management 104*, 124-135. https://doi.org/10.1016/j.ocecoaman.2014.12.011
9. **Bagdanavičiūtė I.**, Valiūnas J. 2013. GIS-based land suitability analysis integrating multi-criteria evaluation for the allocation of potential pollution sources. *Environmental Earth Sciences 68* (6), 1797-1812. DOI: 10.1007/s12665-012-1869-7

10. **Bagdanavičiūtė, I.**, Kelpšaitė, L., Daunys, D., 2012. Assessment of shoreline changes along the Lithuanian Baltic Sea coast during the period 1947–2010. *Baltica, 25 (2),* 171-184. Vilnius. ISSN 0067-3064
11. Baltrūnas V., Valiūnas J., Šliaupa A., **Bagdanavičiūtė I.** 2011. Environmental geological mapping for territorial planning. *Baltica, 24, Special Issue*//Geosciences in Lithuania: challenges and perspectives, 55–60.
12. Kortekaas S., **Bagdanavičiūtė I**., Gyssels P., Alonso Huerta J.M., Héquette A. 2010. Assessment of the Effects of Marine Aggregate Extraction on the Coastline: an Example from the German Baltic Sea Coast. *Journal of Coastal Research. Special Issue 51,* 205-214.

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

1. Baziukė D., Juščenko N., Šiaulys A., **Bagdanavičiūtė I.** 2014. Developing a System for Mapping Sensitive Marine Areas. 6th IEEE/OES Baltic International Symposium (BALTIC), 2014 IEEE/OES [Elektroninis išteklius]. ISBN 9781479957071 p. 1-7, DOI 10.1109/BALTIC.2014.6887842
2. Valaitis E., Kelpšaitė L., **Bagdanavičiūtė I.**, Gulbinskas S. 2014. Short term shoreline changes after beach replenishment at the SE Baltic Sea. Baltic International Symposium (BALTIC), 2014 IEEE/OES [Elektroninis išteklius]. ISBN 9781479957071 p. 1-4, DOI 10.1109/BALTIC.2014.6887890

Scientific articles published in conference proceedings, indexed in „Scopus“ database:

1. **Bagdanavičiūtė I.**, Kelpšaitė L., Daunys D. 2012. Long term shoreline changes of the Lithuanian Baltic Sea continental coast. Baltic International Symposium (BALTIC), IEEE/OES. Digital Object Identifier: 10.1109/BALTIC.2012.6249208, 1-6.

Other research articles published in peer-reviewed journals in Lithuania:

1. **Bagdanavičiūtė I.**, Marmaitė I., Valiūnas J. 2004. Lietuvos pajūrio apgyvendinimas proistorėje: geologinio substrato tyrimai naudojant GIS.: *Lietuvos archeologija*, T. 26, 149-160. ISSN 0207-8694.
2. Valiūnas J., **Bagdanavičiūtė I.** 2002. Geologinių pavojų vertinimas. *Litosfera*. Nr. 6, Vilnius, 114-120. ISSN 1397-334X.

Science dissemination and other books:

1. Olenin S., Daunys D., Bučas M., **Bagdanavičiūtė I.** 2012. Lietuvos Baltijos jūros aplinkos būklė: preliminarus vertinimas. Lietuvos Baltijos jūros aplinkos apsaugos valdymo stiprinimo dokumentų parengimas. Klaipėdos universiteto leidykla, 76 p.
2. **Bagdanavičiūtė I**., Blažauskas N., Brezezinska A., Chubarenko B., Cieslak A., Dailidiene I., Domnin D., Gajewski J., Gajewski L., Gulbinskas S., Kalas M., Matczak M., Mikelėnaitė J., Milerienė R., Rybka K., Staskiewicz A., Stawicka I., Szefler K. & Visakavičius E., 2008. State of the Coast of the South East Baltic: an indicators-based approach to evaluating sustainable development in the coastal zone of the South East Baltic Sea. In Gilbert C. (Ed.). Drukarnia WL. Gdansk. (ISBN: 978-83-85780-91-5): p. 1-162.

PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

1998 – 2003	**Researcher.** National scientific programme “Evolution of Earth and forecasts of its resources changes in Lithuania” (LITHOSPHERE).
2003 – 2004	**Researcher.** Inter-institutional scientific programme, project „The quality of the urban environment and its change“.
2003 – 2006	**Researcher.** European Commission funded project (FP5 Human Potential Programme Research Training Networks: Programme 'Improving the Human Research Potential’, Marie-Curie Fellowship) „European Marine Sand and Gravel Resources: Evaluation and Environmental Impact of Extraction (EUMARSAND)“.
2004 – 2006	**Researcher.** Project „Offshore - Windpark "Arkona Becken Südost": Geological and geophysical investigations in the Pomeranian and Greifswald Bays for the design of power transmission lines, connecting the wind farm "Arkona Becken-Südost" and Lubmin“.
2007 – 2008	**Project idea and principle researcher.** Postdoctoral fellowship, project "Development of the Coastal Zone Resource Database and Geoinformation System (KRAZI)".
2007 – 2008	**Researcher**. INTERREG IIIA programme, project „Sustainable Development Indicators for ICZM in the South-Eastern Baltic (SDI-4-SEB)“.
2007 – 2008	**Researcher**. EU LIFE programme, project „ Marine Protected Areas in the Eastern Baltic Sea (BALTIC MPA’s)“.
2008 – 2009	**Researcher**. Environmental Impact Assessment (EIA) "Construction of a 330 kV electricity transmission line Klaipėda - Telšiai".
2011 – 2012	**Project idea and principle researcher.** Lithuanian Science Council project of young scientist group „Coastal vulnerability assessment of Lithuanian Baltic Sea coast (KRABAS).
2011 – 2012	**Researcher.** The Ministry of Environment of the LR, project “Lithuanian Maritime Sector's Technologies and Environment research development (JSPD)“.
2012 – 2012	**Researcher.** INTERREG Baltic sea region programme, project „ Sustainable Uses of Baltic Marine Resources (SUBMARINER)“.
2013 – 2015	**Researcher.** LIFE+ Nature & Biodiversity programme, project “Inventory of marine species and habitats for development of Natura 2000 networks in the offshore waters of Lithuania (DENOFLIT)“.
2012 – 2015	**Researcher.** MTEP project “Development of technology and environmental research in the maritime sector”. Topics: „Geological structure of the Baltic Sea coastal zone and its contemporary evolution“, „Improvement and automatisation of environmental monitoring“, “Identification of sensitive marine areas using formal methods“.
2014 – 2016	**Researcher**. Lithuanian Science Council project of scientist group “Bottom trawling intensity and impact on the bottom ecosystem of the Lithuanian Baltic Sea (TRIPOLIS)”.
2016 – 2016	**Researcher.** BONUS programme, project “A systems Approach Framework for Coastal Research and Management in the Baltic (BALTCOAST).
2015 – 2018	**Researcher**. EASME programme, project „ Baltic Sea CheckPoint (BSCP)“.
2018 – 2018	**Researcher**. Horizon 2020 programme, project „ Earth Observation based services for Monitoring and Reporting of Ecological Status (EOMORES)“.
2018 – 2018	**Researcher**. Lithuanian Science Council project of scientist group. „The importance of phosphorus sources and resources for the blue-green algae bloom in the Curonian Lagoon (PATCHY)“.

2019 – 2020	**Researcher.** Environmental Protection Agency (AAA) project „Strengthening the management of environmental protection in the Lithuanian Baltic Sea (status assessment) (JSPD3)“.
2019 – 2020	**Researcher**. European Commission project „Actions to evaluate and identify effective measures to reach GES in the Baltic Sea marine region (HELCOM ACTION)“.
2019 – 2020	**Researcher.** Environmental Protection Agency (AAA) project „Preparation of studies and assessment of the impact of bottom trawling on the integrity of the Baltic Sea seabed “.

INTERNSHIP AND TRAINING

1999	Course “Modelling and Geoinformatics for geoscientist” Prof. Dr. Jan Harff, Greiswald University and Baltic Sea Research Institute, Warnemuende, Germany.
2003	Theoretical courses on ADCP, prospecting techniques (multibeam, side-scan sonar, seismics), grain-size statistics and McLaren & Bowles (Gao & Collins) method, morphodynamic modelling, GIS concepts and introduction to the benthic fauna of the North Sea. EU project (EUMARSAND) training workshop. Renard Centre of Marine Geology (RUG), Ghent University, Belgium.
2003,2004	Multibeam, side-scan sonar, video-imaging and hydro-sedimentary measurements in the most intensively exploited area on the Kwinte Bank – on the Hinderbanken. EU project (EUMARSAND) fieldwork in the North Sea, Belgium.
2004	Experiment with wave- and current measurements on a beach in San Sebastian and theoretical and practical aspects of modelling and sediment dynamics; practical course on GIS, theoretical introduction to biotic indices and coarse grained marine aggregates. EU project (EUMARSAND) training workshop. Department of Oceanography and Marine environment AZTI, Technological Institute of Fisheries and Food, Pasaia, Spain.
2004	Basics of Arc View 3.1 and Surfer-8 software, scripting and simple programming tools for effective work with GIS data. Analysis of black box data from extraction vessels in the North Sea. EU funded project (EUMARSAND) training workshop. Maritime Institute Gdansk (MIG), Gdansk, Poland.
2005	Fieldwork in the Baltic Sea. Side-scan sonar, Boomer, Echosounder, ADCP, Valeport measurements, Vibro coring and Van Veen sampling in the Tromper Wiak and Wustrow areas. EU project (EUMARSAND) fieldwork in the Baltic Sea, Germany.
2008	Course “ArcGIS application for advanced users”. Hnit-Baltic, Vilnius
2011	Course „Classification of seabed sediments“. Emma technologies. Klaipėda universitetas.
2012	Course „Geodatabase development“. Hnit-Baltic, Vilnius.

PARTICIPATION IN SCIENTIFIC CONFERENCES

International scientific conferences:

1. Daunys D., **Bagdanavičiūtė I.**, Šaškov A., Šiaulys A., Chuševė R. 2016. Estimating benthic trawling effects using VMS dataset, macrofauna sampling, seabed acoustics and visual observations. *GEOHAB (Marine Geological and Biological Habitat Mapping)*, gegužės 2-6, 2016, Winchester, JK.

2. **Bagdanavičiutė I.**, Daunys D., Zolubas T. 2015. Intensity and spatio-temporal dynamics of bottom trawling in the Lithuanian part of the south-eastern Baltic sea. *10th Baltic sea science congress*: abstract book: science and innovation for future of the Baltic and the European regional seas: 15-19 June, 2015, Riga, Latvia. ISBN 9789934145506 p. 122.
3. Valaitis E., Gulbinskas S., Kelpšaitė L., **Bagdanavičiutė I.** 2015. Impact of hurricane Felix on the Lithuanian SE Baltic sandy beach. *10th Baltic sea science congress*: abstract book: science and innovation for future of the Baltic and the European regional seas: 15-19 June, 2015, Riga, Latvia. ISBN 9789934145506 p. 50.
4. Valaitis E., Kelpšaitė L., **Bagdanavičiutė I.** 2015. Comparison of the different sandy beach monitoring methods. *10th Baltic sea science congress* : abstract book : science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia. ISBN 9789934145506 p. 226.
5. Daunys D., Šiaulys A., Šaškov A., **Bagdanavičiūtė I.** 2014. Evaluation of benthic habitats: case study on boulder reefs in the south-eastern Baltic Sea. *Facing present and future coast challenges : [12th international conference] Littoral 2014*: abstract book: 22-26 September, 2014, Klaipėda, Lithuania. ISBN 9789986314493 p. 38.
6. Valaitis E., **Bagdanavičiutė I**., Kelpšaitė L. 2014. Causes of the short-term shoreline movement after beach replenishment in the SE Baltic sea. *IEEE/OES Baltic Symposium 2014* : Measuring and modeling of multi-scale interactions in the marine environment : [the 6th Baltic International Symposium] : book of abstracts : May 26-29 2014, Tallinn, Estonia. p. 131.
7. Kelpšaitė L., **Bagdanavičiutė I.** 2014. Impermanent wave climate regime impact on shoreline changes on the SE Baltic sea coast. *IEEE/OES Baltic Symposium 2014*: Measuring and modeling of multi-scale interactions in the marine environment : [the 6th Baltic International Symposium] : book of abstracts : May 26-29 2014, Tallinn, Estonia. p. 53.
8. **Bagdanavičiūtė I.**, Kelpšaitė L. 2013. Vulnerability assessment of the Lithuanian Baltic Sea coast. *New Horizons for Baltic Sea Science : Baltic Sea Science Congress 2013*, rugpjūčio 26-30, 2013, Klaipėda : abstract book. [Klaipėda : S. Jokužys Publishing and Printing House], 2013. ISBN 9789986314172., p. 138.
9. Baziukė D., Šiaulys A., Juščenko N., Denisovas V., **Bagdanavičiūtė I.** 2012. The assessment of species sensitivity applying formal methods. *Research & management of transitional waters : ECSA 51th international symposium*, rugsėjo 23-27, 2012, Klaipėda : abstract book. Klaipėda : Klaipėdos universiteto leidykla, 2012. ISBN 9789955186793., p. 58.
10. Kortekaas S., Hequette A., Diesing M., Schwarzer K., **Bagdanavičiūtė I.,** Blažauskas N. 2005. The effect of marine sand extraction on coastal evolution: an example from Graal-Müritz, German Baltic Sea coast. *5th International Conference on Coastal Dynamics*, balandžio 4-8, 2005, Barselona, Ispanija, 2005.
11. Valiūnas J., **Bagdanavičiūtė I.** 2003. Environmental geology GIS of Lithuania. *Tarptautinis seminaras "Geosciences for urban development and environmental planning"*, rugsėjo 13-18, 2003, Vilnius.
12. Valiūnas J., **Bagdanavičiūtė I.** 2003. Environmental Geology GIS of Lithuania in scale 1:200,000. *4th European Congress on Regional Geoscientific Cartography and Information Systems*, birželio 17-20, 2003, Bolonė, Italija.

National scientific conferences:

1. **Bagdanavičiūtė I.**, Kelpšaitė-Rimkienė L., Galinienė J., Sooomere T. 2018. Rizikos indekso taikymas daugiakriteriniam kranto zonos vertinimui. *Jūros ir krantų tyrimai 2018: 11-oji nacionalinė jūros mokslų ir technologijų konferencija,* 2018 gegužės 24-25 d. Konferencijos medžiaga: ISSN 2538-7243 p. 12-15.
2. Daunys D., **Bagdanavičiūtė I.** Baltijos jūros saugomų teritorijų tinklo efektyvumas: nykstančių rūšių ir buveinių apsauga dabar ir klimato kaitos poveikyje. *Jūros ir krantų tyrimai 2018: 11-oji*

nacionalinė jūros mokslų ir technologijų konferencija : konferencijos medžiaga : 2018 gegužės 24-25 d. ISSN 2538-7243 p. 41-42.

3. **Bagdanavičiūtė I.**, Zaiko A., Umgiesser G., Vaičiūtė D., Kozlov I. 2017. Erdvinio daugiakriterinio vertinimo taikymas dvigeldžio moliusko (*Dreissena polymorpha*) auginimui tinkamų vietų parinkimui Kuršių mariose vandens kokybės gerinimo tikslais. *Jūros ir krantų tyrimai 2017: 10-oji nacionalinė jūros mokslų ir technologijų konferencija* : konferencijos medžiaga : 2017 balandžio 26-28 d. ISSN 2538-7243 p. 20-23.
4. Daunys D., **Bagdanavičiūtė I.**, Šiaulys A., Chuševė R., Šaškov A., Zolubas T. 2017. Dugno tralavimų Baltijos jūros Lietuvos akvatorijoje vertinimas ir rekomendacijos svarbių teritorijų stebėsenai. *Jūros ir krantų tyrimai 2017: 10-oji nacionalinė jūros mokslų ir technologijų konferencija* : konferencijos medžiaga : 2017 balandžio 26-28 d. ISSN 2538-7243 p. 63-64.
5. Preibys D., **Bagdanavičiutė I.** 2016. Aplinkos tinkamumo vertinimas vėjo jėgainių parkų įrengimui taikant GIS erdvinį modeliavimą. *Jūros ir krantų tyrimai 2016: 9-oji nacionalinė jūros mokslų ir technologijų konferencija* : konferencijos medžiaga : 2016 balandžio 27-29 d. ISBN 9789955189015 p. 145-148.
6. Gulbinskas S., **Bagdanavičiutė I**., Narščius A., Gerok D., Narušis E. 2014. Baltijos jūros kranto zonos geologinė sandara ir šiuolaikinė raida. *Jūros mokslai ir technologijos - 2014: nacionalinė mokslinė-praktinė konferencija*: konferencijos pranešimų santraukos. Klaipėda: Klaipėdos universiteto leidykla, 2014. ISBN 9789955187943. p. 23-24.
7. Daunys D., Šiaulys A., Šaškov A., **Bagdanavičiutė I**., Zakarauskas M. 2014. Jūrinių teritorijų inventorizacija Natura 2000 tinklo plėtrai (DENOFLIT): dugno buveinių įvairovė ir pasiskirstymas. *Jūros mokslai ir technologijos - 2014: nacionalinė mokslinė-praktinė konferencija*. Klaipėda : Klaipėdos universiteto leidykla, 2014. ISBN 9789955187943. p. 121.
8. Baziukė D., Juščenko N., Šiaulys A., **Bagdanavičiūtė I.**, Račkauskaitė J. 2014. Ypatingo jautrumo jūros teritorijų identifikavimas panaudojant formalius metodus. *Jūros mokslai ir technologijos - 2014: nacionalinė mokslinė-praktinė konferencija*: konferencijos pranešimų santraukos. Klaipėda : Klaipėdos universiteto leidykla, 2014. ISBN 9789955187943. p. 34.
9. Vaičiūtė D., Kozlov I., Mingėlaitė T., Šaškov A., Narščius A., Riaukaitė M., Machmajeva A., Valaitis E., **Bagdanavičiūtė I.**, Bručas D., Šulčius S., Olenin S. 2014. Aplinkos būklės stebėsenos tobulinimas ir automatizavimas. *Jūros mokslai ir technologijos - 2014: nacionalinė mokslinė-praktinė konferencija*: konferencijos pranešimų santraukos. Klaipėda: Klaipėdos universiteto leidykla, 2014. ISBN 9789955187943. p. 33.
10. **Bagdanavičiūtė I.** 2007. Darnaus vystymosi indikatorių vertinimo metodika. *Konferencija „Darnaus vystymo indikatorių naudojimas kranto zonos valdymui pietrytinėje Baltijoje“*. Palanga, 2007.
11. Kelpšaitė L., **Bagdanavičiūtė I.** 2013. Bangų veikimo zona Lietuvos priekrantėje. *Jūros ir krantų tyrimai – 2013: 7-oji nacionalinė jūros mokslų ir technologijų konferencija*: konferencijos medžiaga. p. 126-128. ISBN 978-9986-31-379-3
12. **Bagdanavičiūtė I.,** Kelpšaitė L. 2013. Lietuvos Baltijos jūros krantų pažeidžiamumo vertinimas. *Lietuvos ESRI vartotojų konferencija*, spalis, 2013, Vilnius.
13. Visakavičius E., **Bagdanavičiūtė I**. 2011. Lietuvos akvatorijos geologinis ištirtumas. *Jūros ir krantų tyrimai-2011* : konferencijos medžiaga. Klaipėda: KU l-kla, 255-259. ISBN: 978-99-86313-15-1.
14. **Bagdanavičiūtė I.**, Valiūnas J., Marmaitė I. 2003. Lietuvos pajūrio apgyvendinimas proistorėje: geologinio substrato tyrimai naudojant GIS. *Konferencija "Gamtos mokslų ir naujų technologijų taikymas archeologijoje"*, gegužės 9 d., 2003, Trakai.

PARTICIPATION IN THE STUDY PROCESS

Scientific consultant:

Scientific field: *Natural sciences* (N000). Scientific branch: *Geology* (N005)

Audrius Armanavičius	Dissertation subject: „Potential of solid mineral deposits in Lithuania and factors of their availability in the context of the Anthropocene“.	2017-10-02 – 2023-09-30

Supervision of bachelor and master students:

Živilė Girdvainytė	Bachelor's thesis: „Changes in the morphometric characteristics of Grey dunes“ (Department of Natural Sciences, Faculty of Marine Technologies and Natural Sciences, Klaipėda University, Hydrology and Oceanography study programme).	2018
Gytis Juknevičius	Bachelor's thesis: „ Application of remote sensing techniques for flood mapping“ (Department of Natural Sciences, Faculty of Marine Technologies and Natural Sciences, Klaipėda University, Hydrology and Oceanography study programme).	2017
Dominykas Preibys	Bachelor's thesis: „Site selection for wind farms using GIS spatial modelling“ (Department of Natural Sciences, Faculty of Marine Technologies and Natural Sciences, Klaipėda University, Hydrology and Oceanography study programme).	2016
Eglė Zuzevičiūtė	Master's thesis: „Assessment of the sediment transport in the Lithuanian coast from 1991 to 2013 using SWAN and CERC numerical models“ (Department of Natural Sciences, Faculty of Marine Technologies and Natural Sciences, Klaipėda University, Marine Hydrology study programme).	2016
Sandra Ivoškytė	Master's thesis: „Assessment of morphometric parameters changes of Palanga beach after sand replenishment“ (Department of Natural Sciences, Faculty of Marine Technologies and Natural Sciences, Klaipėda University, Marine Hydrology study programme).	2016

Lecturing:

Klaipėda University	Geographical Information Systems (GIS) Application of GIS and spatial analysis techniques in marine and coastal research	2008 – 2017

OTHERS

Editorship

2018-2020	**Editor-in-Chief** of the journal "Geologijos akiračiai" published by the Lithuanian Geological Society (LGS).
Nuo 2022	**Member of the editorial board** of the international peer-reviewed periodical journal "BALTICA".

Popular science publications:

1. Daunys D., Bagdanavičiūtė I. 2016. Žvejyba dugniniais tralais, arba kaip ariama jūra. *Žurnalas apie gamtą*, 2: 28-31.

2. Grušas A., Kulikov P., Bagdanavičiūtė I. 2014. Baltijos jūros žinduolių paplitimas ir būklė Lietuvos teritoriniuose vandenyse. *Po muziejaus burėmis: muziejininkų darbai ir įvykių kronika*. ISSN 2029-3593 [T.] 3. p. 100-105.

Published maps:

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