

# Albertas Bitinas

## CONTACT INFORMATION

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Address Akademijos Str. 2, Vilnius LT-08412, Lithuania  
Tel. no: +370 687 80826  
E mail: [albertas.bitinas@gamtc.lt](mailto:albertas.bitinas@gamtc.lt)  
[orcid.org/ 0000-0003-0549-5367](https://orcid.org/0000-0003-0549-5367)

## EDUCATION AND ACADEMIC DEGREE

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2019 Diploma of Professor pedagogical title (physical sciences), Klaipėda University.

1991 Diploma of Doctor of Sciences (in former USSR – candidate of geological-mineralogical sciences), Institute of Geochemistry and Geophysics of Academy of Sciences of Belarus.

1985 – 1990 Postgraduate studies of Quaternary geology, Vilnius University, Faculty of Natural Sciences.

1975 – 1980 Diploma of Hydrogeologist and engineering geologist, Vilnius University, Faculty of Natural Sciences..

## PROFESSIONAL EXPERIENCE

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2018 02 – up to now **Principal Researcher, editor-in-chief of international journal of geosciences “Baltica”**  
State Research Institute Nature Research Centre

2020 10 – up to now **Visiting Professor** (secondary duties)  
Klaipėda University, Marine Research Institute.

2014-09 – 2020-08 **Professor**  
Klaipėda University, Faculty of Marine Technologies and Natural Sciences, Department of Geophysical Sciences.

2011-09 – 2014-08 **Associated professor**  
Klaipėda University, Faculty of Natural Sciences and Mathematics, Department of Geophysical Sciences.

2015-09 – 2020-18 **Senior Researcher**  
Klaipėda University, Marine Research Institute.

2010-03 – 2015-08 **Senior Researcher**  
Klaipėda University, Coastal Research and Planning Institute.

2005-09 – 2011-12 **Lector and Senior Researcher**  
Vilnius University, Faculty of Natural Sciences, Department of Geology and Mineralogy.

- 1993-05 – 2010-02 **Head of Department.**  
Lithuanian Geological Survey Quaternary Geology Division.
- 1990-04 – 1993-05 **Senior Researcher, Head of Department**  
Institute of Geology of Lithuania, Department of Environmental Geology.
- 1987-12 – 1990-04 **Head of Department**  
Lithuanian Association of Geological Works, Geological Department.
- 1980-11 – 1987-10 **Geologist, Senior Geologist**  
Complex Geological Research Expedition.

## RESEARCH INTERESTS

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Quaternary stratigraphy, geochronology, geomorphology, paleogeography, glacial sedimentology, glaciotectonics, marine and coastal geology, palaeoseismology.

## PUBLICATIONS

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

Record 1 of 31

**Title:** Reconstruction of the geological history of the Lithuanian Maritime Region from MIS 6 to MIS 3

**Author(s):** Bitinas, A (Bitinas, Albertas); Molodkov, A (Molodkov, Anatoly); Damusyte, A (Damusyte, Aldona); Grigiene, A (Grigiene, Alma); Satkunas, J (Satkunas, Jonas); Seiriene, V (Seiriene, Vaida); Slauteris, A (Slauteris, Arturas)

**Source:** QUATERNARY INTERNATIONAL **Volume:** 617 **Special Issue:** SI **Pages:** 4-

20 **DOI:** 10.1016/j.quaint.2021.05.014 **Published:** APR 20 2022

JCR/2021 IF 2.454 / Q3 GEOGRAPHY, PHYSICAL / Q3 GEOSCIENCES, MULTIDISCIPLINARY

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Record 2 of 31

**Title:** A Holocene relative sea-level database for the Baltic Sea

**Author(s):** Rosentau, A (Rosentau, Alar); Klemann, V (Klemann, Volker); Bennike, O (Bennike, Ole); Steffen, H (Steffen, Holger); Wehr, J (Wehr, Jasmin); Latinovic, M (Latinovic, Milena); Bagge, M (Bagge, Meike); Ojala, A (Ojala, Antti); Berglund, M (Berglund, Mikael); Becher, GP (Becher, Gustaf Peterson); Schoning, K (Schoning, Kristian); Hansson, A (Hansson, Anton); Nielsen, L (Nielsen, Lars); Clemmensen, LB (Clemmensen, Lars B.); Hede, MU (Hede, Mikkel U.); Kroon, A (Kroon, Aart); Pejrup, M (Pejrup, Morten); Sander, L (Sander, Lasse); Stattegger, K (Stattegger, Karl); Schwarzer, K (Schwarzer, Klaus); Lampe, R (Lampe, Reinhard); Lampe, M (Lampe, Matthias); Uscinowicz, S (Uscinowicz, Szymon); **Bitinas, A** (Bitinas, Albertas); Grudzinska, I (Grudzinska, Ieva); Vassiljev, J (Vassiljev, Jueri); Nirgi, T (Nirgi, Triine); Kublitskiy, Y (Kublitskiy, Yuriy); Subetto, D (Subetto, Dmitry)

**Source:** QUATERNARY SCIENCE REVIEWS **Volume:** 266 **Article**

**Number:** 107071 **DOI:** 10.1016/j.quascirev.2021.107071 **Early Access Date:** JUL

2021 **Published:** AUG 15 2021

IF 4.456 / Q1 GEOGRAPHY, PHYSICAL / Q1 GEOSCIENCES, MULTIDISCIPLINARY

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Record 3 of 31

**Title:** Liquefaction and re-liquefaction of sediments induced by uneven loading and glacigenic earthquakes: Implications of results from the Latvian Baltic Sea coast

**Author(s):** Wozniak, PP (Wozniak, Piotr Pawel); Belzyt, S (Belzyt, Szymon); Pisarska-Jamrozy, M (Pisarska-Jamrozy, Malgorzata); Woronko, B (Woronko, Barbara); Lamsters, K (Lamsters, Kristaps); Nartiss, M (Nartiss, Maris); **Bitinas, A** (Bitinas, Albertas)

**Source:** SEDIMENTARY GEOLOGY **Volume:** 421 **Article**

**Number:** 105944 **DOI:** 10.1016/j.sedgeo.2021.105944 **Early Access Date:** MAY 2021 **Published:** JUL 15 2021

IF 3.329 / Q1 GEOLOGY

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Record 4 of 31

**Title:** Repetitive Late Pleistocene soft-sediment deformation by seismicity-induced liquefaction in north-western Lithuania

**Author(s):** Belzyt, S (Belzyt, Szymon); Pisarska-Jamrozy, M (Pisarska-Jamrozy, Malgorzata); **Bitinas, A** (Bitinas, Albertas); Woronko, B (Woronko, Barbara); Phillips, ER (Phillips, Emrys R.); Piotrowski, JA (Piotrowski, Jan A.); Jusiene, A (Jusiene, Asta)

**Source:** SEDIMENTOLOGY **Volume:** 68 **Issue:** 7 **Pages:** 3033-

3056 **DOI:** 10.1111/sed.12883 **Early Access Date:** MAY 2021 **Published:** DEC 2021

IF 3.81 / Q1 GEOLOGY

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Record 5 of 31

**Title:** Seismic shocks, periglacial conditions and glaciotectonics as causes of the deformation of a Pleistocene meandering river succession in central Lithuania

**Author(s):** Pisarska-Jamrozy, M (Pisarska-Jamrozy, Malgorzata); Belzyt, S (Belzyt, Szymon); **Bitinas, A** (Bitinas, Albertas); Jusiene, A (Jusiene, Asta); Woronko, B (Woronko, Barbara)

**Source:** BALTICA **Volume:** 32 **Issue:** 1 **Pages:** 63-77 **DOI:** 10.5200/baltica.2019.1.6 **Published:** 2019

**Times Cited in Web of Science Core Collection:** 1

**Total Times Cited:** 1

IF 1.037 / Q3 GEOLOGY

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Record 6 of 31

**Title:** Middle and Late Holocene paleoenvironmental development of the Curonian Lagoon, Lithuania

**Author(s):** Kaminskas, D (Kaminskas, Donatas); Rudnickaite, E (Rudnickaite, Eugenija); Vaikutiene, G (Vaikutiene, Giedre); **Bitinas, A** (Bitinas, Albertas); Grigiene, A (Grigiene, Alma); Buynevich, IV (Buynevich, Ilya, V); Damusyte, A (Damusyte, Aldona); Pupienis, D (Pupienis, Donatas); Sinkunas, P

**Source:** QUATERNARY INTERNATIONAL **Volume:** 501 **Special Issue:** SI **Pages:** 240-249 **DOI:** 10.1016/j.quaint.2017.09.016 **Part:** A **Published:** JAN 15 2019

**Times Cited in Web of Science Core Collection:** 1

**Total Times Cited:** 1

IF 2.003 / Q3 GEOGRAPHY, PHYSICAL / Q3 GEOSCIENCES, MULTIDISCIPLINARY

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## Record 7 of 31

Title: Coastal dune dynamics along the northern Curonian Spit, Lithuania: toward an integrated database

Author(s): **Bitinas, A** (Bitinas, Albertas); Dobrotin, N (Dobrotin, Nikita); Buynevich, IV (Buynevich, Ilya, V); Molodkov, A (Molodkov, Anatoly); Damusyte, A (Damusyte, Aldona); Pupienis, D (Pupienis, Donatas)

Source: GEOLOGICAL QUARTERLY Volume: 62 Issue: 3 Pages: 553-562 DOI: 10.7306/gq.1435 Published: 2018

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

IF 0.759 / Q4 GEOLOGY

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## Record 8 of 31

Title: Sand incursion into temperate (Lithuania) and tropical (the Bahamas) maritime vegetation: Georadar visualization of target-rich aeolian lithosomes

Author(s): Buynevich, I.V., Savarese, M., Curran, H.A., **Bitinas, A.**, Glumac, B., Pupienis, D., Kopcinski, K., Dobrotin, N., Gnivecki, P., Boush, L.P., Damusyte, A .

Source: ESTUARINE COASTAL AND SHELF SCIENCE Volume: 195 Pages: 69-75 DOI: 10.1016/j.ecss.2017.02.011 Published: AUG 5 2017

Times Cited in Web of Science Core Collection: 1

Total Times Cited: 1

Conference Title: 10th Baltic Sea Science Congress (BSSC) on Science and Innovation for Future of the Baltic and the European Regional Seas

Conference Date: JUN 15-19, 2015, Conference Location: Riga, LATVIA

IF 2.413 / Q1 MARINE & FRESHWATER BIOLOGY / Q1 OCEANOGRAPHY

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## Record 9 of 31

Title: Palaeoseismic deformations in the Eastern Baltic region (Kaliningrad District of Russia)

Author(s): Druzhinina, O., **Bitinas, A.**, Molodkov, A., Kolesnik, T.

Source: ESTONIAN JOURNAL OF EARTH SCIENCES Volume: 66 Issue: 3 Pages: 119-129 DOI: 10.3176/earth.2017.09 Published: 2017

Times Cited in Web of Science Core Collection: 1

Total Times Cited: 1

IF 0.927 / Q4 GEOSCIENCES, MULTIDISCIPLINARY

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## Record 10 of 31

Title: The lower reaches of the Nemunas River at the end of the Last (Weichselian) Glacial and beginning of the Holocene

Author(s): **Bitinas, A .**, Druzhinina, O., Damusyte, A., Napreenko-Dorokhova, T., Guobyte, R., Mazeika, J.

Source: GEOLOGICAL QUARTERLY Volume: 61 Issue: 1 Pages: 156-165 DOI: 10.7306/gq.1337 Published: 2017

Times Cited in Web of Science Core Collection: 1

Total Times Cited: 1

IF 1.128 / Q3 GEOLOGY

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## Record 11 of 31

Title: Genesis, distribution and dynamics of lagoon marl extrusions along the Curonian Spit, southeast Baltic Coast

Author(s): Sergeev, A.Y., Zhamoida, V.A., Ryabchuk, D.V., Buynevich, I.V., Sivkov, V.V., Dorokhov, D.V., **Bitinas, A.**, Pupienis, D.

Source: BOREAS Volume: 46 Issue: 1 Pages: 69-82 DOI: 10.1111/bor.12177 Published: JAN 2017

Times Cited in Web of Science Core Collection: 5

Total Times Cited: 5

IF 2.638 / Q2 GEOGRAPHY, PHYSICAL / Q2 GEOSCIENCES, MULTIDISCIPLINARY

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## Record 12 of 31

Title: The Oldest Evidence for Human Habitation in the Baltic Region: A Preliminary Report on the Chronology and Archaeological Context of the Riadino-5 Archaeological Site

Author(s): Druzhinina, O., Molodkov, A., **Bitinas, A.**, Bregman, E.

Source: GEOARCHAEOLOGY-AN INTERNATIONAL JOURNAL Volume: 31 Issue: 2 Pages: 156-164 DOI: 10.1002/gea.21553 Published: MAR-APR 2016

Times Cited in Web of Science Core Collection: 2

Total Times Cited: 2

IF 1.453 / Q3 GEOSCIENCES, MULTIDISCIPLINARY

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## Record 13 of 31

Title: The problem of the lower boundary of the Pleistocene in Eastern Lithuania

Author(s): **Bitinas, A.**, Katinas, V., Gibbard, P.L., Saarmann, S., Damusyte, A., Rudnickaite, E., Baltrunas, V., Satkunas, J.

Source: QUATERNARY INTERNATIONAL Volume: 386 Pages: 89-101 DOI: 10.1016/j.quaint.2015.02.041 Published: NOV 2 2015

Times Cited in Web of Science Core Collection: 0

Conference Title: International Field Symposium of the INQUA-Peribaltic-Working-Group (INQUA TERPRO Commission)

Conference Date: JUN 25-30, 2013, Conference Location: LITHUANIA

IF 2.163 / Q3 GEOGRAPHY, PHYSICAL / Q2 GEOSCIENCES, MULTIDISCIPLINARY

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## Record 14 of 31

Title: Holocene organic-rich sediments within the Curonian Spit coast, the south-eastern Baltic Sea

Author(s): Sergeev, A., Sivkov, V., Zhamoida, V., Ryabchuk, D., **Bitinas, A.**, Mazeika, J.

Source: BALTICA Volume: 28 Issue: 1 Pages: 41-50 DOI: 10.5200/baltica.2015.28.05 Published: 2015

Times Cited in Web of Science Core Collection: 1

Total Times Cited: 1

IF 0.674 / Q4 GEOLOGY

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## Record 15 of 31

Title: New data on the palaeo-incisions network of the south-eastern Baltic Sea  
Author(s): Gerok, D., Gelumbauskaite, L.Z., Floden, T., Grigelis, A., **Bitinas, A.**  
Source: BALTICA Volume: 27 Issue: 1 Pages: 1-14 DOI:  
10.5200/baltica.2014.27.01 Published: 2014  
Times Cited in Web of Science Core Collection: 1  
Total Times Cited: 1  
IF 0.579 / Q4 GEOLOGY

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Record 16 of 31

Title: Geophysical study of palaeo-incisions in the Sventoji-Butinge coastal area, north-west Lithuania  
Author(s): Gerok, D., **Bitinas, A.**  
Source: BALTICA Volume: 26 Issue: 2 Pages: 201-210 DOI: 10.5200/baltica.2013.26.21 Publ. 2013  
Times Cited in Web of Science Core Collection: 1  
Total Times Cited: 1  
IF 0.193 / Q4 GEOLOGY

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Record 17 of 31

Title: Reconstruction of the Dead (Grey) Dune evolution along the Curonian Spit, Southeastern Baltic  
Author(s): Dobrotin, N., **Bitinas, A.**, Michelevicius, D., Damusyte, A., Mazeika, J.  
Source: BULLETIN OF THE GEOLOGICAL SOCIETY OF FINLAND Volume: 85 Pages: 53-64 DOI: 10.17741/bgsf/85.1.004 Part: 1 Published: 2013  
Times Cited in Web of Science Core Collection: 10  
Total Times Cited: 10  
IF 0.118 / Q4 GEOLOGY

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Record 18 of 31

Title: New insights into the last deglaciation of the south-eastern flank of the Scandinavian Ice Sheet  
Author(s): **Bitinas, A.**  
Source: QUATERNARY SCIENCE REVIEWS Volume: 44 Special Issue: SI Pages: 69-80 DOI: 10.1016/j.quascirev.2011.01.019 Published: JUN 21 2012  
Times Cited in Web of Science Core Collection: 12  
Total Times Cited: 13  
IF 4.334 / Q1 GEOGRAPHY, PHYSICAL / Q1 GEOSCIENCES, MULTIDISCIPLINARY

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Record 19 of 31

Title: New archaeological, paleoenvironmental, and C-14 data from the Sventoji Neolithic Sites, Nw Lithuania  
Author(s): Piliciauskas, G., Mazeika, J., Gaidamavicius, A., Vaikutiene, G., **Bitinas, A.**, Skuratovic, Z., Stancikaite, M.  
Source: RADIOCARBON Volume: 54 Issue: 3-4 Pages: 1017-1031 DOI:  
10.1017/S0033822200047640 Published: 2012  
Times Cited in Web of Science Core Collection: 6

Total Times Cited: 6  
IF 1.065 / Q1 GEOCHEMISTRY & GEOPHYSICS

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Record 20 of 31

Title: Distribution and significance of heavy-mineral concentrations along the southeast Baltic Sea coast

Author(s): Pupienis, D., Buynevich, I.V., **Bitinas, A.**

Source: JOURNAL OF COASTAL RESEARCH Special Issue: 64 Pages: 1984-1988 Part: 2 Publ. 2011

Times Cited in Web of Science Core Collection: 3

Total Times Cited: 3

Conference Title: 11th International Coastal Symposium (ICS)

Conference Date: MAY 09-13, 2011, Conference Location: Szczecin, POLAND

IF 0.766 / Q4 ENVIRONMENTAL SCIENCES / Q4 GEOGRAPHY, PHYSICAL / Q4 GEOSCIENCES, MULTIDISCIPLINARY

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Record 21 of 31

Title: Rapid Coastal Dune Migration into Temperate and Equatorial Forests: Optical Chronology of Imaged Upper Slipface Strata

Author(s): Buynevich, I.V., **Bitinas, A.**, Souza, P.W.M., Pupienis, D., Asp, N.E., Goble, R.J., Kerber, LE

Source: JOURNAL OF COASTAL RESEARCH Special Issue: 64 Pages: 726-730 Part: 1 Publ. 2011

Times Cited in Web of Science Core Collection: 6

Total Times Cited: 6

Conference Title: 11th International Coastal Symposium (ICS)

Conference Date: MAY 09-13, 2011, Conference Location: Szczecin, POLAND

IF 0.766 / Q4 ENVIRONMENTAL SCIENCES / Q4 GEOGRAPHY, PHYSICAL / Q4 GEOSCIENCES, MULTIDISCIPLINARY

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Record 22 of 31

Title: Implications of the palaeoseismic events based on the analysis of the structures of the Quaternary deposits

Author(s): **Bitinas, A.**, Lazauskiene, J.

Source: BALTICA Volume: 24 Special Issue: SI Pages: 127-130 Published: 2011

Times Cited in Web of Science Core Collection: 2

Total Times Cited: 2

IF 0.607 / Q3 GEOLOGY

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Record 23 of 31

Title: IR-OSL studies of till and inter-till deposits from the Lithuanian Maritime Region

Author(s): Molodkov, A., **Bitinas, A.**, Damusyte, A.

Source: QUATERNARY GEOCHRONOLOGY Volume: 5 Issue: 2-3 Special Issue: SI Pages: 263-268 DOI: 10.1016/j.quageo.2009.04.004 Published: APR-JUN 2010

Times Cited in Web of Science Core Collection: 10

Total Times Cited: 10

Conference Title: 12th International Conference on Luminescence and Electron Spin Resonance

Conference Date: SEP 18-22, 2008, Conference Location: Peking Univ, Beijing, PEOPLES R CHINA

IF 3.238

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Record 24 of 31

Title: Timing of the last deglaciation in Lithuania

Author(s): Rinterknecht, V.R., **Bitinas, A.**, Clark, P.U., Raisbeck, G.M., Yiou, F., Brook, E.J.

Source: BOREAS Volume: 37 Issue: 3 Pages: 426-433 DOI: 10.1111/j.1502-3885.2008.00027.x Published: 2008

Times Cited in Web of Science Core Collection: 33

Total Times Cited: 34

IF 2.227 / Q2 GEOGRAPHY, PHYSICAL / Q1 GEOSCIENCES, MULTIDISCIPLINARY

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Record 25 of 31

Title: Lithological anomalies in a relict coastal dune: Geophysical and paleoenvironmental markers

Author(s): Buynevich, I.V., **Bitinas, A.**, Pupienis, D.

Source: GEOPHYSICAL RESEARCH LETTERS Volume: 34 Issue: 9 Article Number: L09707 DOI: 10.1029/2007GL029767 Published: MAY 11 2007

Times Cited in Web of Science Core Collection: 25

Total Times Cited: 25

IF 2.744 / Q1 GEOSCIENCES, MULTIDISCIPLINARY

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Record 26 of 31

Title: Reactivation of Coastal Dunes Documented by Subsurface Imaging of the Great Dune Ridge, Lithuania

Author(s): Buynevich, I., **Bitinas, A.**, Pupienis, D.

Source: JOURNAL OF COASTAL RESEARCH Special Issue: 50 Pages: 226-230 Published: 2007

Times Cited in Web of Science Core Collection: 13

Total Times Cited: 13

IF 0.383 // Q4 ENVIRONMENTAL SCIENCES / Q4 GEOGRAPHY, PHYSICAL / Q4 GEOSCIENCES, MULTIDISCIPLINARY

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Record 27 of 31

Title: Sedimentary record and luminescence chronology of the Lateglacial and Holocene aeolian sediments in Lithuania

Author(s): Molodkov, A., **Bitinas, A.**

Source: BOREAS Volume: 35 Issue: 2 Pages: 244-254 DOI: 10.1080/03009480600584915 Published: MAY 2006

Times Cited in Web of Science Core Collection: 31

Total Times Cited: 31

IF 1.812 / Q2 GEOGRAPHY, PHYSICAL / Q2 GEOSCIENCES, MULTIDISCIPLINARY

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## Record 28 of 31

Title: The last deglaciation of the southeastern sector of the Scandinavian Ice Sheet

Author(s): Rinterknecht, V.R., Clark, P.U., Raisbeck, G.M., Yiou, F., **Bitinas, A.**, Brook, E.J., Marks, L., Zelcs, V., Lunkka, J.P., Pavlovskaya, I.E., Piotrowski, J.A., Raukas, A.

Source: SCIENCE Volume: 311 Issue: 5766 Pages: 1449-1452 DOI: 10.1126/science.1120702 Published: MAR 10 2006

Times Cited in Web of Science Core Collection: 158

Total Times Cited: 161

IF 30.028 / Q1 MULTIDISCIPLINARY SCIENCES

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## Record 29 of 31

Title: The results of integrated investigations of the Lithuanian coast of the Baltic Sea: geology, geomorphology, dynamics and human impact

Author(s): **Bitinas, A.**, Zaromskis, R., Gulbinskas, S., Damusyte, A., Zilinskas, G., Jarmalavicius, D

Source: GEOLOGICAL QUARTERLY Volume: 49 Issue: 4 Pages: 355-362 Published: 2005

Times Cited in Web of Science Core Collection: 19

Total Times Cited: 19

IF 0.235 / Q4 GEOLOGY

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## Record 30 of 31

Title: Glaciolacustrine Kame terraces as an indicator of conditions of deglaciation in Lithuania during the Last Glaciation

Author(s): **Bitinas, A.**, Karmaziene, D., Jusiene, A.

Source: SEDIMENTARY GEOLOGY Volume: 165 Issue: 3-4 Pages: 285-294 DOI: 10.1016/j.sedgeo.2003.11.012 Published: MAR 15 2004

Times Cited in Web of Science Core Collection: 13

Total Times Cited: 13

IF 1.342 / Q1 GEOLOGY

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## Record 31 of 31

Title: Application of the OSL dating for stratigraphic correlation of Late Weichselian and Holocene sediments in the Lithuanian Maritime Region

Author(s): **Bitinas, A.**, Damusyte, A., Hutt, G., Jaek, I., Kabailiene, M.

Source: QUATERNARY SCIENCE REVIEWS Volume: 20 Issue: 5-9 Pages: 767-772 DOI: 10.1016/S0277-3791(00)00011-1 Published: MAR 2001

Times Cited in Web of Science Core Collection: 16

Total Times Cited: 16

Conference Title: 9th International Conference on Luminescence and Electron-Spin Resonance Dating (LED99), Conference Date: SEP 06-10, 1999, Conference Location: ROME, ITALY

IF 3.055 / Q1 GEOSCIENCES, MULTIDISCIPLINARY

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

1. Leszek Marks, **Albertas Bitinas**, Mirosław Błaszkiwicz, Andreas Börner, Rimante Guobyte, Vincent Rinterknecht and Karol Tylmann. Chapter 30. Northern Central Europe: glacial landforms from the Bølling-Allerød Interstadial. In: David Palacios, Philip D. Hughes, Jose M. García Ruiz, Nuria de Andrés (Eds), *European Glacial Landscapes: Maximum Extent of Glaciations. Volume II*. Elsevier. - 2022. - P. 297–304.
2. Leszek Marks, **Albertas Bitinas**, Mirosław Błaszkiwicz, Andreas Börner, Rimante Guobyte, Vincent Rinterknecht and Karol Tylmann. Chapter 48. Northern Central Europe: glacial landforms from the Younger Dryas Stadial. In: David Palacios, Philip D. Hughes, Jose M. García Ruiz, Nuria de Andrés (Eds), *European Glacial Landscapes: Maximum Extent of Glaciations. Volume II*. Elsevier. - 2022. - P. 459–466.
3. Miglė Stančikaitė, **Albertas Bitinas**, Aldona Damušytė, Giedrė Vaikutienė, Algirdas Girininkas, Tomas Rimkus, Linas Daugnora, Vladas Žulkus. Lateglacial–Middle Holocene Environmental Dynamics in the Coastal Area of the Baltic Sea: A New Insight for the Territory of Lithuania. In: Algirdas Girininkas & Vladas Žulkus (Eds), *Lithuanian Baltic Sea Coasts during the Holocene: Sea Level Changes, Environmental Developments and Human Adaptations*. Oxford: BAR Publishing. - 2022. - P. 41–60.
4. **Bitinas, A.**, Lazauskienė, J., & Pisarska-Jamroży, M. Soft-Sediment Deformation Structures in the Eastern Baltic Region. In: H. Steffen, O. Olesen, & R. Sutinen (Eds.), *Glacially-Triggered Faulting*. Cambridge: Cambridge University Press. - 2021. - P. 320–338.
5. Leszek Marks, **Albertas Bitinas**, Mirosław Błaszkiwicz, Andreas Börner, Rimante Guobyte, Vincent Rinterknecht and Karol Tylmann. Chapter 6. Glacial landscapes of Northern Central Europe. In: David Palacios, Philip D. Hughes, Jose M. García Ruiz, Nuria de Andrés (Eds), *European Glacial Landscapes: Maximum Extent of Glaciations. Volume I*. Elsevier, - 2021. - P. 45–51.
6. Leszek Marks, **Albertas Bitinas**, Mirosław Błaszkiwicz, Andreas Börner, Rimante Guobyte, Vincent Rinterknecht and Karol Tylmann. Chapter 30. Northern Central Europe: glacial landforms prior to the Last Glacial Maximum. In: David Palacios, Philip D. Hughes, Jose M. García Ruiz, Nuria de Andrés (Eds), *European Glacial Landscapes: Maximum Extent of Glaciations. Volume I*. Elsevier. - 2021. - P. 223–228.
7. Leszek Marks, **Albertas Bitinas**, Mirosław Błaszkiwicz, Andreas Börner, Rimante Guobyte, Vincent Rinterknecht and Karol Tylmann. Chapter 49. Northern Central Europe: glacial landforms from the Last Glacial Maximum. In: David Palacios, Philip D. Hughes, Jose M. García Ruiz, Nuria de Andrés (Eds), *European Glacial Landscapes: Maximum Extent of Glaciations. Volume I*. Elsevier. - 2021. - P. 381–388.
8. Inga Dailidienė, Indrė Razbadauskaitė–Venskė, Remigijus Dailidė, Loreta Kelpšaitė–Rimkienė, **Albertas Bitinas**, Arūnas Bukantis. Indicators of Climate Change: Case of the Baltic Sea Region. In: Riccardo Privitera, Daniele La Rosa, Viviana Pappalardo, Francesco Martinico (Eds), *Climate Change Management through Adaptation and Migration*. Maggioli Editore. - 2021. - P. 72–90.
9. **Bitinas, A.**, Mažeika, J., Buynevich, I. V., Damušytė, A., Molodkov, A., Grigienė, A. Constraints of Radiocarbon Dating in Southeastern Baltic Lagoons: Assessing the Vital Effects. In: Harff, J., Furmanczyk, K., H. van Storch (Eds.) *Coastline changes of the Baltic Sea from South to East – past and future projections*. Springer International Publishing AG. - 2017. - P. 137-171.
10. Buynevich, I.V., **Bitinas, A.**, Pupienis, D. Aeolian sand invasion: georadar signatures from the Curonian Spit dunes, Lithuania // In: Randazzo, G., Jackson, D., and Cooper, J.A.G., (eds.), *Sand and Gravel Spits*, Springer, Dordrecht, The Netherlands. - 2015. - P. 67-78.
11. **Bitinas, A.**, Damušytė, A., Molodkov, A. Geological Structure of the Quaternary Sedimentary Sequence in the Klaipėda Strait, Southeastern Baltic. In: Harff, J., Bjorck, S., Hoth, P. (Eds.),

*BALTIC SEA BASIN Book Series: Central and Eastern European Development Studies*, Springer-Verlag Berlin Heidelberg.- 2011. - P. 133-146.

### **Monographs:**

Bitinas, A. *Paskutinysis ledynmetis Rytinės Baltijos regione (Last Glacial in the Eastern Baltic Region)*. Klaipėdos universiteto leidykla, Klaipėda - 2011. - 154 p. [In Lithuanian with English summary].

Personal citation index h = 12 (Clarivate Analytics Web of Science DB information).

### **PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS**

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|------------------|---|
| 2016 – up to now | <b>Participant.</b> GREBAL (palaeoseismological investigations): project of Polish Nacional Centre of Science and INQUA; initiated by Poznan University.  |
| 2012 – 2015      | <b>Scientific supervisor for the project theme.</b> Development of research on technology and environment in the Lithuanian maritime sector: project of the Lithuanian Ministry of Education and Science VP1-3.1-ŠMM-08-K-01-019. |
| 2011 – 2012      | <b>Project Leader.</b> Geological development of the Curonian Spit: project of the Lithuanian Science Council.  |
| 2010 – 2013      | <b>Participant.</b> Submerged Prehistoric Archaeology and Landscapes of the Continental Shelf (SPLASHCOS): Activity in the EU COST action TD0902, WG2 (Environmental Data and Reconstructions)                                    |
| 2010 – 2011      | <b>Participant.</b> Palaeogeographical evolution in Lithuania in the postglacial period at the interaction of the Baltic Sea and terrestrial palaeoenvironments: project of the Lithuanian Science Council.                       |
| 2009 – 2013      | <b>Participant – foreign expert.</b> Coastline changes of the Southern Baltic Sea – Past and Future projection (COPAF): Grant of Polish Ministry of Science and Height Education.   |
| 2006 – 2008      | <b>Participant.</b> Morphotectonic map of the European Lowland Area (MELA): EU project, Contract No. MTKD-CT-2004-003108.   |
| 2006 – 2007      | <b>Principal Investigator of the sub-project.</b> Elaboration of geoenvironmental assumptions for “Geopark Yotvings” in the cross-border Polish-Lithuanian area (GAJA): INTERREG project.   |
| 2005 – 2007      | <b>Participant.</b> European rivers evolution project: INQUA Quaternary Palaeoenvironments Group project.   |
| 2004 – 2006      | <b>Participant.</b> Sea-level data integration for the southeast region of the Baltic Sea. 2004-2006. INQUA 0410 project.   |
| 2000 – 2005      | <b>Participant.</b> <sup>10</sup> Be deglaciation chronology of the Scandinavian Ice Sheet southern margin: Grant of US National Science Foundation.  |

- 1994 – 1996     **Participant.** The correlation of stratigraphic events of Upper Pleistocene based on data from peripheral and central parts of the Last Glaciation: project of the Academy of Science of Sweden, Stockholm University, Geological Surveys of Lithuania and Sweden.
- 1992 – 1997     **Principal Investigator of the sub-project.** The belt of Yotvings – a fragment of Green Lugs of Europe: project of the Lithuanian Geological Survey and Polish Geological Institute.

### **INTERNSHIP AND TRAINING**

- 2013             Research Fellowship and Lectureship for PhD students (Erasmus Exchange Programme), University of Cambridge, UK.
- 2004             Postgraduate studies and certificate on Quaternary geology and geomorphology of Tierra del Fuego (Ushuaia), Argentina, CADIC.
- 2001             Research Fellowship on Quaternary geochronology, Oregon State University, Corvallis, USA.
- 1997             Courses on mathematical methods in geology, Specialist Training Institute, Kiev, Ukraine.
- 1982             Courses on geological mapping, Moscow M. Lomonosov State University, Russia.

### **PARTICIPATION IN SCIENTIFIC CONFERENCES**

#### ***The most important international scientific conferences:***

IUGS (International Union of Geosciences) Congresses: Kyoto, Japan (1992); Beijing, China (1996); Oslo, Norway (2008).

INQUA (International Union for Quaternary Research) Congresses: Berlin, Germany (1993); Bern, Switzerland (2011); Dublin, Ireland (2018).

Participation in more than 80 other international and national scientific forums, published about 120 conference theses. Organization (as chairman of the organizing committee) of several international geological scientific events in Lithuania; membership of organizing and scientific committees of several international and national scientific forums.

### **PARTICIPATION IN THE STUDY PROCESS**

Area of study: *Biomedical sciences, ecology and environmental sciences (03B)*

#### ***Supervision of PhD students:***

Dmitrij Gerok             Dissertation topic: “Geological structure and spatial distribution of palaeo-incisions in the southeastern part of the Baltic Sea and adjacent land”     2010 – 2015

Nikita Dobrotin

2011 – 2018

Dissertation topic: „Evolution of the Curonian Spit dunes“

Area of study: *Geology (05P)*

***Supervision of PhD***

***students:***

Eugenija Rudnickaitė	Dissertation topic: „Carbonates in the Lithuanian Quaternary sediments as lithostratigraphic criterion and indicator of palaeoclimatic conditions" 2012 – 2016
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***Scientific consultant:***

Aldona Damušytė	Dissertation topic: „Post-glacial geological history of the Lithuanian Coastal Area“ 2006 – 2011
Irina Sosnina	Dissertation topic: “Reconstructing post-glacial changes in the environment of the south-eastern Baltic Sea based on micropalaeontological studies” since 2022

Participation, as a chairman or member of the defence council, in several defences of doctoral dissertations in Lithuanian, Latvian and Estonian scientific institutions.

**OTHERS**

***Pedagogical activities:***

Lecturing courses:

Vilnius University (2005-2011): Quaternary geology of the Baltic Countries (Master's studies in Geology).

Klaipėda University (since 2012): Marine and ocean geology (Bachelor's studies in Hydrology and oceanography); General geology (Bachelor's studies in Hydrology and oceanography, Bachelor's studies in Archaeology); Geology of the Baltic Sea (Master's studies in Marine hydrology).

Baltic I. Kant Federal University in Kaliningrad (Russian Federation, 2013): Quaternary geology of the Baltic Region (Master's studies in Oceanography).

***Expeditions, geological field studies:***

Various geological field investigations (geological mapping, scientific projects) carried out in foreign countries such as Poland, Denmark, Norway, Russia, Argentina, Latvia.

Participation in marine geological expeditions in the Baltic Sea with research vessels: “Navigator XX” (Poland, 2005), “Professor Shtockman” (Russia, 2005), “Maria S. Merian” (Germany, 2006), “Mintis” (Lithuania, 2017), “Akademik Sergej Vavilov” (Russia, 2019).

In 1993-2009, while working for the Lithuanian Geological Survey, leading the state geological mapping projects in Eastern and South-eastern Lithuania and in the Lithuanian Maritime Region, preparation of a Geological atlas of the Baltic Sea coast.

***Membership, public duties:***

Member of the Scientific Council of the State Research Institute Nature Research Centre (since 2020).

Lithuanian Science Council, Committee of Natural and Technical Sciences, member (2016-2020); LMT Research Infrastructures Commission, member (from 2017), LMT expert (from 2016).

Vilnius University and Natural Research Centre, Institute of Geology and Geography, Institute of Geology and Geography (05P), Doctoral Committee, member (2013-2017).

Member of the Doctoral Committee for Ecology and Environmental Science (03B), Klaipėda University (2012-2016).

Committee for Competitions and Certification for Scientific Positions of the Nature Research Centre, member (2015-2018).

Lithuanian Geological Union, member of the Council (2019-2022).

Scientific Advisory Board of the Curonian Spit National Park Authority, member (2013-2017).

INQUA (International Union for Quaternary Research); Vice President of "The Peribaltic Group" (since 2018).

Association "The Baltic Sea Geologists" (BSG), member, 2012-2014 - President.

Member of the Editorial Board of the "Polish Geological Institute Special Papers".

Baltic Geological Survey's newsletter "Geological Mapping in Baltic States", member of the editorial board (1996-2001).

### ***Popularization of science:***

Lectures on geological topics to the public (in Palanga Resort Museum, to visitors of the Curonian Spit National Park, to members of Kaunas "Rotary Club", etc.); participation in the preparation of science popularization films (LRT, TV3); popular publications on geological topics published in the journal "Geologijos akiračiai", in the cultural almanac "Dorė", in the monograph series "Lietuvos valsčiai", etc.