

Vytautas Minkevičius

CONTACT INFORMATION

Address Akademijos Str. 2, Vilnius LT-08412, Lithuania
Tel. no.: +370 685 60714
E-mail: vytautas.minkevicius@gamtc.lt
<https://www.researchgate.net/profile/Vytautas-Minkevicius>

EDUCATION AND ACADEMIC DEGREE

2007 – 2009 Vilnius University, master's degree. Engineering geology and hydrogeology
1994 – 2000 Vilnius University, bachelor's degree. Engineering geology and hydrogeology

PROFESSIONAL EXPERIENCE

2021-01 - now Chief specialist
Lithuanian geological survey
2005-05-2020-12 Chief geologist
Lithuanian geological survey
1996-12 – 2005-05 Engineer
JSC „Baltijos konsultacinė grupė“

RESEARCH INTERESTS

Geohazards - landslides, sinkholes, landslides, collapses, etc. determination of distribution patterns, monitoring using remote sensing methods. Geohazard modelling and forecasting.

PUBLICATIONS

1. Satkūnas J., Gregorauskienė V., Kanopienė R., Mikulėnas V., Minkevičius V., Šačkus V., Šlauteris A. 2011. Man-made formations and geopollution: state of knowledge in Lithuania = Geologija. - - Vol. 53, No. 1(73). - P. 36-44
 2. Čyžienė J., Minkevičius V., Mikulėnas V., Satkūnas J. 2012. Results of persistent scatterer interferometry of the new planned Visaginas Nuclear Power Plant area, Lithuania. Geologija. - - Vol. 54, No. 4 (80). - P. 136-154
 3. Graniczny M., Čyžienė J., van Leijen F., Minkevičius V., Mikulėnas V., Satkūnas J., Przyłucka M., Kowalski Z., Uścińowicz S., Jegliński W., Hanssen R. 2015. Vertical ground movements in the Polish and Lithuanian Baltic coastal area as measured by satellite interferometry. Baltica. - Vol. 28, No. 2. - P. 65-80
 4. Satkūnas, J., Minkevičius, V., Guobytė, R., Baubinienė, A., Linkevičienė, R., Taminskas, J. 2020. Morphometric indicators of insular and marginal morainic uplands (based on LiDAR data) of the Last and pre-Last Glaciations, case of Lithuania. Baltica, 33 (2), 166–176. Vilnius. ISSN 0067-3064.
-

5. Auflič, M. J., Herrera, G., Mateos, R. M., Poyiadji, E., Quental, L., Severine, B., Peternel, T., Podolszki, L., Calcaterra, S., Kociu, A., Warmuz, B., Jelének, J., Hadjicharalambous, K., Becher, G. P., Dashwood, C., Ondrus, P., Minkevičius, V., Todorović, S., Møller, J. J., & Marturia, J. 2023. Landslide monitoring techniques in the Geological Surveys of Europe. *Landslides*. <https://doi.org/10.1007/s10346-022-02007-1>

PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

2003-2013	Project participant. Project „TerraFirma“. European Space Agency project to provide satellite Earth observation data to measure geohazards and ground motions.
2010-2013	Project participant. Project „Subcoast“. The aim of the project is to create a service providing data on settlements in the European coastal lowlands.
2011-2014	Project participant. Project „PanGeo“. The aim of the project is to create a service and provide data on geohazards for the largest cities in Europe using satellite data collected by the European Space Agency
2016-2018	Project participant. Project „OneGeology-Europe“. Creation of geological information data model and provision of geological harmonized data
2018-2020	Project participant. Project „U-Geohaz“. The goal of the project is to provide geohazard information for urbanized areas and critical infrastructure based on the data of the earth's surface deformation monitoring.
2014 - dabar	Project participant. Project „EMODnet Geology“. The aim of the project is to provide geological data about European seas
2020 - dabar	Project participant. Project „GSEU - Geological Service for Europe“. The aim of the project is to provide harmonized information about the subsurface of the Europe

INTERNSHIP AND TRAINING

PARTICIPATION IN SCIENTIFIC CONFERENCES

1. Milkulėnas, V., Minkevičius, V., & Satkūnas, J. (2017). Gediminas's Castle Hill (in Vilnius) Case: Slopes Failure Through Historical Times Until Present BT - Advancing Culture of Living with Landslides (M. Mikoš, V. Vilímek, Y. Yin, & K. Sassa (eds.); pp. 69–76). Springer International Publishing.
2. Taminskas, J., Mikulenas, V., Satkunas, J. and Minkevicius, V. Trends of development of karstic landscape due to climate factors - case of Lithuania. In Börner, A., Hüneke, H., Lorenz, S. (Eds.) (2019): Field Symposium of the INQUA PeriBaltic Working Group "From Weichselian ice-sheet dynamics to holocene land use development in Western Pomerania and Mecklenburg": abstract volume, (Scientific Technical Report; 19/01), International Field Symposium of the INQUA PeriBaltic Working Group (Greifswald 2019), Potsdam : GFZ German Research Centre for Geosciences. DOI: <http://doi.org/10.2312/GFZ.b103-19012>
3. Minkevičius V., Lozovskis, S., Mikulėnas, V., Satkūnas, J. (2021). Tracer tests and Electrical Resistivity Tomography for Karst Investigation in North Lithuania. 79th International Scientific Conference of the University of Latvia. <https://www.konference79.lu.lv/>
4. Minkevičius V., Taminskas J., Mikulėnas V., Satkūnas J. & Danielius S. 2022. Karst development intensity - the case of the North Lithuania. Geosciences for a sustainable future. CONGRESSO SGI-SIMP 2022. Torino. Abstract book.
5. Danielius S., Minkevičius V., Mikulėnas V., Satkūnas J. 2022. Application of airborne photogrammetry for the monitoring of the karst phenomena. Quaternary of the Eastern Baltic

Region. Excursion guide and abstracts of international field symposium, 10-15 September 2022, Vilnius, Lithuania / Eds: V. Šeirienė and A. Bitinas. Nature Research Centre, Vilnius, 2022.

6. Satkūnas J., Minkevičius V., Guobytė R., Baubiniene A., Linkevičienė, R. Taminskas J. 2022. Terrain ruggedness index (TRI) and slope angles (SA) of landforms of insular and marginal morainic highlands (based on the lidar data) of the Last and Pre-last glaciations, case of Lithuania. Quaternary of the Eastern Baltic Region. Excursion guide and abstracts of international field symposium, 10-15 September 2022, Vilnius, Lithuania / Eds: V. Šeirienė and A. Bitinas. Nature Research Centre, Vilnius, 2022.
7. Minkevičius V. , Danielius S. , Mikulėnas V. , Satkūnas J. (2023). Semi-automatic karst sinkhole detection from digital elevation or surface models. 81st International Scientific Conference of the University of Latvia. <https://www.konference81.lu.lv/>