

Name **Nana**
 Surname **Bolashvili**
 Address Tamarashvili St. 6, 0179, Tbilisi, Georgia
 E-mail nana.bolashvili@tsu.ge

Research papers

Zaza Lezhava, Kukuri Tsikarishvili, Nana Bolashvili, Lasha Asanidze, Igor Pichkhaia. Migaria Limestone Karst Massif and Caves. Publishing House Universal, Tbilisi, 2022, p. 248. ISBN 978-9941-33-207-4

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Participations in conferences

- 18-20 November, 2021. Capacity Building in Geoscientific Research on Environmental Peacebuilding in the Southern Caucasus - Georgia and Azerbaijan. Transparent water management for peaceful cooperation. Tbilisi, Georgia. TSU, V.B. Institute of Geography and Department of geography, Justus-Liebig-University Giessen
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- 20-22 December, 2021. Natural Disasters in the 21st Century: Monitoring, Prevention, Mitigation. Risk of Natural Hazards in Georgia. Tbilisi, Georgia. Institute of Geophysics, Institute of Geography and Institute of Hydrometeorology
- 15 July, 2022. Technology Transfer in Georgia. National and Regional Atlases of Georgia. Tbilisi, Georgia. Georgia's Innovation and Technology Agency
- 25-27 November, 2020. Transboundary Geopark Management in Iran and the Caucasus. The History of Nature Protection in Georgia –Past, Present and Future Perspectives. Online conference, Giessen Department of geography, Justus-Liebig-University Giessen
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- 16-17 April, 2018. ICWM. 2018. 20th International conference Management of water resources. Water Economy Balance: As a Basis of Water Management System. Lisbon, Portugal. World Academy of science, engineering and technology
- 30.05-05.06, 2018. International workshop making Geoparks in Georgia. Potentials of Geotourism and Geopark-Management in Georgia. Giessen, Germany. Department of geography, Justus-Liebig-University Giessen
- 14-15 November, 2018. ICFEHP. 2018. 20th International Conference Fresh Water Ecosystems, Hydrology and Psiography. Assessment of territories water resources and its consumption based on water economy balance. Venice, Italy. World Academy of science, engineering and technology
- 4-6 October, 2017. Landscape dimensions of sustainable development: science-Planning-Governance. Migaria Karst Relief. Tbilisi, Georgia. TSU, Georgian Geographical Society, IGU
- 30-31 October, 2017. ICWEEM. 2017. 19th International Conference water resources management. Potential Fresh Water Resources of Georgia and Sustainable Management. Barcelona, Spain. World Academy of science, engineering and technology
- 18-19 May, 2017. ICWEEM. 2017. 19th International Conference water, energy and environmental management. Assessment of water resources and inculcation of controlled water consumption system. Paris, France. World Academy of science, engineering and technology
- 24-25 November, 2016. 18th International conference on Ecological Resources and Environmental Protection. Influence of Temperature and Precipitation Changes on Desertification. London, Great Britain. World Academy of science, engineering and technology
- 22-23 September, 2016. Water Resources of Central Asia and their Use. Problems of Management of Water Resources and Solid Flow on the Eastern Georgian Rivers Almaty, Kazakhstan. Ministry of Agriculture and Ministry of Education and Science of the Republic of Kazakhstan, Kazakh National Research Technical University, jointly with the Institute of Geography of Kazakhstan, supported by the Swiss Federal Department of Foreign Affairs, as well as UNESCO Almaty Cluster Office and UNESCO International Hydrological Programme UNESCO IHP
- 21-22 March, 2016. ICEG: 16th International Conference on Geomatics engineering. Geographical Information System for Sustainable Management of Water Resources. Rome, Italy. World Academy of science, engineering and technology
- 29-31 March, 2016. Economic Prosperity through Research and Development in Natural Products. Sustainable Management of Water Resources on the Background on Current Climate Change. Kathmandu, Nepal. AASSA (Association of Academies and Societies of Sciences in Asia) and Nepal Academy of Science and Technology
- 9-10 April, 2015. Sustainable Management of Food Security. Problems of Management of Water Resources in Accordance with the Current Climate Change. Istanbul, Turkey. AASSA (Association of Academies and Societies of Sciences in Asia) and Turkish Academy of Sciences
- May 7-10, 2015. International Conference Applied Ecology: Problems, Innovations. Creation of Kakhetian Water Resources Management System. Batumi, Georgia. TSU
- 17-18 September, 2015. Problems of adaptation to geo- and natural-economic systems of modern global changes. Problems of Management of Water Resources and Solid Flow of Kakhetian Rivers. Baku, Azerbaijan. H. Alyev Institute of Geography
- February 15-17, 2015. Agriculture and Climate Change (Adopting crops to increased uncertainty). Efficient Use of Water Resources in Agriculture. Amsterdam, Netherlands. Elsevier Ltd

22-25 October, 2015. Modern problems of geography and anthropology. Close Range Photogrammetry as a Method for Monitoring in of Coastal Geoecology (on the Example of Ramalia Beach, Portugal). Tbilisi, Georgia. Institute of Geography

22-25 October, 2015. Modern problems of geography and anthropology. Geomorphological features of Sataplia-Tskaltubo limestone massif. Tbilisi, Georgia. Institute of Geography

August 24-28, 2014. Integrative Risk management-The Role of Science, Technology and Practice. Analyzing of Biophysical Indicators Causing Land Degradation. Davos, Switzerland. Global Risk Forum, Davos

June 25-29, 2014. SUSTAINABLE MANAGEMENT OF WATER RESOURCES AND CONSERVATION OF MOUNTAIN LAKE ECOSYSTEMS OF ASIAN COUNTRIES. Water Resources of Eastern Georgia. Yerevan, Armenia. AASSA

June 12, 2014. Modern problems of social geography. Analysis of biophysical factors causing desertification in Georgia. Tbilisi, Georgia. Institute of Geography

21-1924 May, 2013. 3rd Bio Hydrology Conference - Water for Life. Necessity of Sustainable Management of Water Resources on the Background of the Current Climate Change. Landau, Germany. University of Koblenz-Landau

7-1909 November, 2013. Modern problems of geography Studies of climate change in Georgia in the joint works of institutes of Geography and Geophysics. Tbilisi, Georgia. Institute of Geography

7-9 November, 2013. Modern problems of geography Existing condition of hydrologic-geologic catastrophes of the rivers of the Black Sea basin and the reality of danger through the global climate change. Tbilisi, Georgia. Institute of Geography

16-17 November, 2012. Scientific conference dedicated to 100th anniversary of prof. Levan Maruashvili. Water resources of Georgia. Tbilisi, Georgia. Institute of Geography

16-17 November, 2012. Scientific conference dedicated to 100th anniversary of prof. Levan Maruashvili. Limestone Karst of Migaria Massif and its Tourist Potential. Tbilisi, Georgia. Institute of Geography

16-17 November, 2012. Scientific conference dedicated to 100th anniversary of prof. Levan Maruashvili. The situation of natural exodinamic disasters and anthropogenic stress risk in Georgia, actions for optimization of their management. Tbilisi, Georgia. Institute of Geography

12-15 June, 2012. European Congress on Regional Geoscientific Cartography and Information System GIS of Georgian Water Resources. Bologna, Italy. 7th EUROGEO

15-16 September, 2011. Environment and Global Warming. 50th Anniversary of Akhali Athoni Cave Discovery. Tbilisi, Georgia. Institute of Geography

15-16 September 2011 Environment and Global Warming the Great Georgian Scientist, Academician Feofan Davitaia (for the 100th Birth Anniversary) Tbilisi, Georgia Institute of Geography

5-7 May, 2011. International Symposium on Kaz Mountains and Edremit, IKES 2011. Management of Water Resources of Georgia. Edremit, Turkey. Edremit municipality

23-28 September, 2009. Floods and Modern Methods of Control Measures. Flood Prediction by the Theory of Recognizing Images. Tbilisi, Georgia. Georgian Water management Institute

23-28 September, 2009. Floods and Modern Methods of Control Measures. Maximum Discharges of the Mtkvari River and their Forecasting for security of Tbilisi, Georgia. Tbilisi, Georgia. Georgian Water management Institute

24-25 October, 2008. Current problems of geography of mountainous regions. The basin management of water resources. Tbilisi, Georgia. Institute of Geography

2002. Problems of sustainable development of mountainous regions. Predicting floods to ensure reservoir sustainability. Tbilisi, Georgia. Institute of Geography

6-8 March, 2002. International Seminar on Mountains. Flood forecast in mountainous river basins on the basis of the theory of recognition images. Nepal, Kathmandu. Royal Nepal Academy of Science and Technology

Research grants

01.03.2021-01.03.2024. Trans bounding Geotourism as a Driving Force for Innovation and Cooperation in Eastern European Peripheries. BMBF- Federal Ministry of Education and Research, Germany. Coordinator

01.03.2020-01.03.2023. Preparation of the Atlas of Zoonotic Infections in South Caucasus. DTRA; № HDTRA11910044. Principal Investigator (for partner organization)

- 01.01.2021-22.12.2021. Co-Creating sustainable Tools for multilateral Cooperation in Southern Caucasus, # 62100548. DAAD. Regional Coordinator
- 15.04.2019-31.12.2020. Challenges of Geopark-Management in the South Caucasus and MENA Region. DAAD. Regional Coordinator
- 30.12.2018-28.02.2019. Mid Term Review of the Applying Landscape and Sustainable Land Management (L-SLM) for mitigating land degradation project in Georgia (Level C). United Nations Environment Programme-104321. Consultant
- 01.08.2018-31.12.2018. GEF Support to UNCCD 2018 national reporting process – Umbrella II. GEF - Global Environmental Facility. Land Degradation Expert
- 01.09.2017-01.09.2019. ATLAS-plus. BMBF- Federal Ministry of Education and Research, Germany. Responsible Georgian project leader
- 07.07.2017. Measures to protect drinking water from pollution. Slovak Agency for the International Development Cooperation. Key personnel
- 07.09.2016-07.02.2017. Monitoring Chiatura’s polluted drinking waters. Slovak Agency for the International Development Cooperation. Key personnel
- 15.03.2022-15.03.2025. Modeling and mapping of erosion potential of atmospheric precipitation in Georgia. Shota Rustaveli National Science Foundation of Georgia. Key personnel
- 29.11.2016-29.11.2018. Creation of the Kvemo Kartli Water Resources Management System Basis. Shota Rustaveli National Science Foundation of Georgia. Key personnel
- 04.04.2014-04.04.2016. Creation of a Basin Management System of Kakhetian Water Resources. Shota Rustaveli National Science Foundation of Georgia. Key personnel
- 31.03.2014-31.03.2017. Identification of karst phenomena formation (genesis) conditions in the territory of Georgia and prospects of revealed cave systems exploitation for tourist purposes. Shota Rustaveli National Science Foundation of Georgia. Principal Investigator
- 01.03.2009-01.03.2011. Study of Environment’s Negative Changes in Kakheti Region Caused by Natural Hazards and Elaboration of Their Mitigation Measures. Shota Rustaveli National Science Foundation of Georgia. Key personnel
- 14.11.2006-14.11.2009. National Atlas of Georgia. Shota Rustaveli National Science Foundation of Georgia. Key personnel
- 2003-2005. Creation of hydrological information system in Georgia. Georgian Academy of Sciences. Key personnel
- 2001-2003. The resource potential of Georgia’s river runoff and the basis for its integrated management. Georgian Academy of Sciences. Key personnel
- 2001-2002. Creation of a geographic information system for the Aragvi river basin. REC Caucasus (Caucasus Regional Environmental Center). Principal Investigator

Other Activities

- National Atlas of Georgia. Collective Monography. Justus Liebig University. Giessen, Germany. 2018. Editor
- Planning and perspectives of geoparks on the example of Racha region. Tamar Chichinadze. TSU, Institute of Geography, Georgia. 202. Reviewer
- Territory of Georgia and settlements. Tamar tskhakaia-Gagua, Mikheil Khabazishvili. TSU, Institute of Geography. Georgia. 2020. Reviewer
- Geographical Atlas of Georgia. Collective. TSU, Institute of Geography. Georgia. 2018. Editor
- Tskaltubo (Prometheus) Cave System. Lanchava O., Tsikarishvili K. TSU, Institute of Geography. Georgia. 2016
- Geography of Georgia. Collective. TSU, Institute of Geography. Georgia. 2013. Reviewer
- Monitoring of Glaciers on the Background of Climate Change. Gobejishvili R., etc. TSU, Institute of Geography. Georgia. 2012. Reviewer
- National Atlas of Georgia. Collective. TSU, Institute of Geography. Georgia. 2012. Reviewer
- A MAN - THE LEGEND (ACADEMICIAN FEOFAN DAVITAIA). Koba Kharadze. TSU, Institute of Geography. Georgia. 2011. Reviewer
- Proceedings of Vakhushti Bagrationi Institute of Geography, new series 5(84). Georgia. 2013. Positive and negative sides of reservoirs. Georgia. 2022. Reviewer

- Proceedings of the International Scientific Conference Natural Disasters in Georgia: Monitoring, Prevention, Mitigation. Georgia. 2019. Reviewer
- Akhali Athoni Cave, a rare monument of Nature. Georgia. 2016. Reviewer
- Journal of Sustainable Geoscience and Geotourism. Switzerland. 2017-present. Reviewer
- Georgian Geographical Journal. Georgia. 2021-uptoday. Editor
- Proceedings of the Scientific Conference Actual Problems of Geography, dedicated to prof. D. Ukleba's 100 anniversary. Georgia. 2019. Reviewer
- Proceedings of the Al. Javakhishvili Geographical Society of Georgia, New Series I (XIX). Georgia. 2018. Reviewer
- Landscape development of sustainable development: science-planning-governance, proceedings of international conference. Georgia. 2017. Reviewer
- Proceedings of the scientific conference: Perspectives of Regional Development - Tamtskhe-Javakheti. Georgia. 2016. Reviewer
- Proceedings of the Scientific Conference Modern Problems of Geography and Anthropology. Georgia. 2015. Reviewer
- Proceedings of the International Conference Modern Problems of Public Geography. Georgia. 2014. Reviewer
- Proceedings of the International Conference Modern Problems of Geography. Georgia. 2013. Reviewer
- Proceedings of the conference dedicated to the 100th anniversary of prof. Levan Maruashvili. Georgia. 2012. Reviewer
- Proceedings of the International Conference Environment and Global Warming. Georgia. 2011. Reviewer
- Proceedings of the International Conference Current Problems of Geography of Mountainous Regions. Georgia. 2008. Reviewer
- 2000-up today. UNCCD CST. Member
2021. Capacity Building in Geoscientific Research on Environmental Peacebuilding in the Southern Caucasus - Georgia and Azerbaijan. Member
2021. Capacity Building in Geoscientific Research on Environmental Peacebuilding in the Southern Caucasus - Georgia and Armenia. Member
2021. Natural Disasters in the 21st Century: Monitoring, Prevention, Mitigation. Member
2019. International Conference Potentials of Geoparks for Cross-border Cooperations in the South Caucasus. Member
2019. Natural Disasters in Georgia: Monitoring, Prevention, Mitigation. Member
2015. Modern problems of geography and anthropology. Member
2014. Modern problems of social geography . Member
2013. Modern problems of geography. Member
2013. UNCCD 2nd Scientific Conference. Member
2012. Conference dedicated to the 100th anniversary of prof. Levan Maruashvili . Member
2011. Environment and Global Warming. Member
2008. Current problems of geography of mountainous regions. Member

Award

2017. Certificate of honor in Connection with the International day for Women and Girls in Science established by the UN
2016. Certificate in Connection with the World Scientist Day established by UNESCO