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Research papers

Zaza Lezhava, Lasha Asanidze, Kukuri. Tsikarishvili, Nino Chikhradze, Lela Gadrani and Giorgi Chartolani. Hydrodynamic zones of fissure-karst waters of Zemo Imereti Plateau in the Republic of Georgia. *Journal of Environmental Biology*, 2020, 41(2(SI)): p.p. 337-343. ISSN: 0254-8704. doi: 10.22438/jeb/41/2(SI)/JEB-09

Levan G. TIELIDZE, David SVANADZE, Lela GADRANI, Lasha ASANIDZE, Roger D. WHEATE, and Gordon S. HAMILTON. A 54-year record of changes at Chalaati and Zopkhito glaciers, Georgian Caucasus, observed from archival maps, satellite imagery, drone survey, and ground-based investigation. *Hungarian Geographical Bulletin*, 2020, 69(2), p.p. 175-189. doi: 10.15201/hungeobull.69.2.6

Lela Gadrani, Mariam Tsitsagi, Nana Bolashvili, Tamaz Karalashvili. Gestión sostenible del patrimonio hidroeléctrico de Georgia. Resiliencia, innovación y sostenibilidad en el Patrimonio. *Industrial / coord. por Miguel Ángel Álvarez Areces*, 2019, pág. 259. ISBN 978-84-120177-8-6. doi.org/10.1016/j.aasci.2018.02.005

L Gadrani, G Lominadze, M Tsitsagi. F assessment of landuse/landcover (LULC) change of Tbilisi and surrounding area using remote sensing (RS) and GIS. Elsevier. *Annals of Agrarian Sciences*, 2018, 16(2), p.p. 163-169. doi: 10.1016/j.aasci.2018.02.005

Lela Gadrani, George Gaprindashvili. Modern Geo-ecological Conditions and Terrain Transformation of Tbilisi (Georgia). *Landscape Architecture and Regional Planning*. 2017, Vol. 2, No. 1, pp. 36-42. doi: 10.11648/j.larp.20170201.15

Levan G. Tielidze, Lela Gadrani, Mariam Tsitsagi, Nino Chikhradze. Glaciers Dynamics Over the last One Century in the Kodori River Basin, Caucasus Mountains, Georgia, Abkhazeti. *American Journal of Environmental Protection. Special Issue: Applied Ecology: Problems, Innovations*. 2015, Vol. 4, No. 3-1, pp. 22-28. ISSN Online: 2328-5699. doi: 10.11648/j.ajep.s.2015040301.14

Levan G. Tielidze, Lela Gadrani, Roman Kumladze. A one century record of changes at Nenskra and Nakra River basins glaciers, Caucasus Mountains, Georgia. *Natural Science*, 2015, Vol.07 No.03, p.p. 151-157. ISSN Print: 2150-4091. ISSN Online: 2150-4105. doi: 10.4236/ns.2015.73017

Nodar Elizbarashvili, Giorgi Meladze, Maia Meladze, David Svanadze, Lizi Gadrani, Josef Lazarashvili. Some Urgent Issues of Georgia's Geography. *Earth Sciences. Special Issue: Modern Problems of Geography and Anthropology*. 2015, Vol. 4, No. 5-1, pp. 1-7. SSN: 2328-5974 (Print); ISSN: 2328-5982. oi: 10.11648/j.earth.s.2015040501.11

Participations in conferences

25-26 November, 2021. Contributo in atti di convegno Study on land cover change in urban areas Siracusa, Italy. INM — Istituto di Ingegneria del Mare

30 October-1 November, 2019. Second Caucasus Mountain forum. Change in glacier area and number in Georgia from repeat inventories. Ankara, Turkey. Scientific network for the Caucasus Mountain regions

25-29 September, 2019. XXI International Conference on Industrial heritage. Industrial Heritage of Georgia Gijon, Spain. INCUNA

26-29 September, 2018. XX International Conference of Industrial heritage. Sustainable Management of Georgian Hydroelectric Heritage. Gijon, Spain. INCUNA

18-19 May, 2017. ICGUES 2017: 19th International Conference on Geography, Urban and Environmental Studies. Urban Expansion Modeling of Tbilisi on the background of Active Terrain Transformation. Paris, France. WASET

Research grants

2019-2024. Snapshots of Early and Mid-Pleistocene Climate and Atmospheric Composition from the Allan Hills Blue Ice Area. NSF, USA. Assistant

2015-2016. Transformation and Planning of Landscape of Major Cities based on the Landscape of Tbilisi. European Commission. Receiver of Scholarship

2007-2009. Glacier dynamics in the Caucasus, the climate change and modeling of river runoff. INTAS. Support Personnel

2021-2023. Develop an environmental research methodology using remote sensing, based on examples from Rome and Tbilisi. SRNSF-CNR. Key Personnel

2019-2022. Georgian karst landscape classification. Shota Rustaveli National Science Foundation of Georgia . Key Personnel

2014-2012. Glaciological Catalogue of Georgia. Shota Rustaveli National Science Foundation of Georgia. Key Personnel

2009-2012. Monitoring the mass balance of the Glacier Zopkhito against the backdrop of climate change. Shota Rustaveli National Science Foundation of Georgia. Assistant

Internship

2019-2024. USA, Climate Change Institute. University of Maine. NSF

2015-2016. Italy, Politecnico di Torino, Italy. European Commission.