

Name **George**
 Surname **Gaprindashvili**
 Address Tamarashvili St. 6, 0179, Tbilisi, Georgia
 E-mail gaprindashvili.george@gmail.com

Research papers

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- E. Tsereteli, R. Gobejishvili, G. Gaprindashvili, M. Gaprindashvili. The situation of Natural Egzo-dynamic disaster and Anthropogenic stress risk in Georgia, Action for optimization of their management. *Ivane Javakhishvili Tbilisi State University, Vakhushiti Bagrationi Institute of Geography, Collected Papers*, 2012, new series #4(83), pp. 50-63. ISSN 2233-3347
- E. Tsereteli, R. Gobejishvili, N. Bolashvili, V. Geladze, G. Gaprindashvili. Crisis intensification of geoeological situation of the Caucasus Black Sea coast and the strategy of risk reduction. *Procedia - Social and Behavioral Sciences*, 2011, Volume 19, p. 709–715. ISSN 1877-0428. doi:10.1016/j.sbspro.2011.05.189
- E. Tsereteli, G. Gaprindashvili, M. Gaprindashvili et. al. Results of landslide-gravitational processes and regulatory of their development in Georgia. *Ministry of education and science of Georgia. Institute of water management collected papers 2009, #64*. pp. 125-130. ISSN – 1512 – 2344.
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- E. Tsereteli, G. Gaprindashvili, M. Gaprindashvili et. al. Geological state of the Borjomi-Kharagauli National Park and its complication After the fires excited by the military aggression of Russia in 2008 Year. *Mecniereba da Technologiebi*

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E. Tsereteli, G. Gaprindashvili, M. Gaprindashvili et. al. Social and economic consequences connected with elemental natural processes and criteria of damage evaluation (South Caucasus as an example). Universali, Collected Papers International Conference on: Pressing Problems of Geography of Mountainous Regions, 2008, new series #2(81). ISBN 99940-61-19-4

Participations in conferences

- 20-22 December, 2021. International scientific conference 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
- 4–8 May, 2020. European Geosciences Union general assembly (EGU-2020). Tree-ring dating of colonized moraine surfaces in deglaciated areas of Greater Caucasus Mountains. Vienna, Austria. EGU
- 16-20 September, 2019. ICL-IPL UNESCO Conference. Geological Hazard (Landslide, Debris flow, Rockfall) Zoning map of Tbilisi city (Georgia). Paris, France. International Consortium on Landslides (ICL)
- September, 2019. Actual Problems of Landscape Sciences: Environment, Society, Politics. Agro-landscape zoning of Achara-Guria region. Tbilisi, Georgia. Ivane Javakishvili Tbilisi State University
- September, 2019. Actual Problems of Landscape Sciences: Environment, Society, Politics. Dynamics of landslide and gravitational events in Georgia and risk factors of their development (case study of Imereti). Tbilisi, Georgia. Ivane Javakishvili Tbilisi State University
- 1-5 October, 2018. Debris flows: Disasters, Risk, Forecast, Protection, 5th International Conference. Geoecological condition of Tbilisi city and Debris/Mudflow hazard risk. Tbilisi, Georgia. Georgian Technical University
- 23-28 April, 2017. European Geosciences Union general assembly (EGU-2017). Geological hazard monitoring system in Georgia. Vienna, Austria. EGU
- 11-15 October, 2016. 6th International Scientific-Technical conference the modern problems of water management, environmental protection, architecture and construction. Geodynamic condition of riv. Nakra basin lower part and protection and prevention of Nakra population and infrastructure from catastrophic Debris flow/Mudflow and Landslide processes. Tbilisi, Georgia. Georgian Technical University
- 15-19 September, 2014. International Association for Engineering-Geology and Environment (IAEG) XII Congress. Devdoraki Debris flow in Dariali Gorge (Georgia). Torino, Italy. IAEG
- 15-19 September, 2014. International Association for Engineering-Geology and Environment (IAEG) XII Congress. Challenges of geologic catastrophes in Georgia and ways of their reduction. Torino, Italy. IAEG
- 15-19 September, 2014. International Association for Engineering-Geology and Environment (IAEG) XII Congress. Climate as an Integral Synthesizer in Development-Reactivation Processes of Landslide and Diagnostic Criterion of its Evaluation. Torino, Italy. IAEG
- 27 April – 02 May, 2014. European Geosciences Union general assembly (EGU-2014). Landslide Hazard in Georgia. Vienna, Austria. EGU
- 27 April – 02 May, 2014. European Geosciences Union general assembly (EGU-2014). Mudflow Hazards in the Georgian Caucasus – Using Participatory Methods to Investigate Disaster Risk. Vienna, Austria. EGU
- January, 2014. Second Scientific Conference in Exact and Natural Sciences ENS-2014, Ivane Javakishvili Tbilisi State University. Common condition of landslide-gravitational events In Georgia and risk of their development scale on the background of climate change and earthquake activity. Tbilisi, Georgia. TSU
- 07 – 12 April, 2013. European Geosciences Union general assembly (EGU-2013). Reality of Risk of Natural Disasters in Georgia and a Management Policy. Vienna, Austria. EGU
- 07 – 12 April, 2013. European Geosciences Union general assembly (EGU-2013). Natural hazards in the Great Caucasus range on the background of climate change – risk maps for the Kazbegi and Mleta areas (Georgia). Vienna, Austria. EGU
- 07 – 12 April, 2013. European Geosciences Union general assembly (EGU-2013). Seismic Risk Assessment and Loss Estimation for Tbilisi City. Vienna, Austria. EGU

07 – 12 April, 2013. European Geosciences Union general assembly (EGU-2013). Site classification map for Tbilisi using seismic prospecting methods. Vienna, Austria. EGU

January, 2013. The first Scientific Conference in Exact and Natural Sciences, ENS-2013, Ivane Javakishvili Tbilisi State University. Geodynamic processes and expected geo-ecological complications in Southern Highlands of Georgia. Tbilisi, Georgia. TSU

Research grants

2019-2023. Strengthening climate adaptation capacities in Georgia. GCF, UNDP, SDC. Task Manager

2020-2023. Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia. GCF, UNDP. Landslide and Debris/mudflow specialist

2019-2020. Development of Georgia's fourth national communication and second biennial update report to the UNFCCC, UNDP. Task Manager

2018. Comparative Analysis of the climate change adaptation/disaster risk reduction architecture and Norms in Georgia. UNDP. Task Manager

2019. Assessment of hazard mapping system in Georgia. UNDP. Task Manager

2017-2018. Fostering New Technologies for Sustainable Forest Governance in Georgia. CENN/WRI. Task Manager

20015-2016. Geological studies of riv. Gldanula basin. UNDP. Key Personnel

2015 – 2020. SEA Pilot project in Georgia SEA for the National Waste Management Strategy (2015-2030) and Action Plan. UNDP, 2015. Key Personnel

2015-2016. Safeguarding climate resilient local tourism and related infrastructure in mountain regions through ecosystem-based adaptation. USAID. Key Personnel

2014-2017. Geological Hazard Assessment in Dusheti Municipality (Mtskheta-Mtianeti Region) and Protective Measures. CzDA. Key Personnel

2014. Capacity Assessment of the Disaster Risk Reduction System in Georgia. UNDP. Key Personnel

2014. Pilot project for introduction of an information system for data transferring and groundwater monitoring network in Lagodekhi and Kvareli Municipality. CzDA. Key Personnel

2013. Re-activation of groundwater level and quality monitoring network Alazani-Agrichai aquifer, groundwater monitoring network recovery in Georgia. CzDA. Key Personnel

2009-2012. Atlas of Natural Hazards and disaster Risks of Georgia (Printed and web-based). Matra. Key Personnel

2022-2025. Natural hazards trends in Georgia: quantitative magnitude classification and hazard assessment. Shota Rustaveli National Science Foundation of Georgia. Project Coordinator

2021-2022. Classification/zoning of roads connecting the border settlements in the Central Caucasus (Tbilisi-Gudauri-Larsi and Tbilisi-Zhinvali-Shatili) in terms of dangerous natural phenomena and creation of its geographical information system. Shota Rustaveli National Science Foundation of Georgia. Project Coordinator

2016-2019. Geological Hazard zoning map for Tbilisi city. LEPL National Environmental Agency. Task Manager

2016. Geological processes (landslides) monitoring network. LEPL National Environmental Agency. Task Manager

2013-2015. Recovery of Hydrogeological network of Groundwater in Georgia. LEPL National Environmental Agency. Task Manager

2014-2016. Glaciological Catalogue of Georgia. Shota Rustaveli National Science Foundation of Georgia. Key Personnel

2009-2012. National Atlas of Georgia. Shota Rustaveli National Science Foundation of Georgia. Support Personnel

2009-2012. Mass balance monitoring of Zopkhito glacier on the background of climate change. Shota Rustaveli National Science Foundation of Georgia. Support Personnel

2008. Modelling of climate change, the dynamics of glaciers and runoff in the Caucasus. INTAS. Support Personnel

Internship

Italy, January-June, 2015. Salerno University, Geotechnical Laboratory. Shota Rustaveli national scientific foundation of Georgia

Sichuan, China, November-December, 2011. Chengdu University of Technology. Chengdu University of Technology
The Netherlands, January-March, 2011. Twente University. CENN, Twente University
The Netherlands, March-May, 2010. Twente University. CENN, Twente University

Other Activities

Study Caucasus Karst Waters by Environmental Isotopes and Hydrochemical. Methodology on the Territory of Kakheti. Ivane Javakhishvili Tbilisi State University. Reviewer

Spatial-temporal Analysis of Glacier Fluctuations. South Slope of the Caucasus Using Remote sensing and GIS Methodology. Ivane Javakhishvili Tbilisi State University. Reviewer

Geographical-Cartometric analysis of General Map of Georgia by Aleksandre Javakhishvili. Ivane Javakhishvili Tbilisi State University. Supervisor