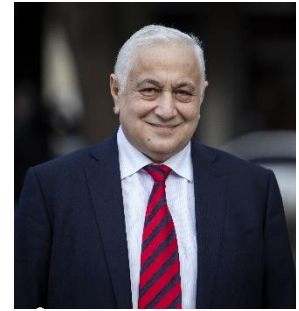




# GEORGIAN NATIONAL ACADEMY OF SCIENCE



## Personal information (CV)

<b>Surname</b>	Gurgenidze	<b>Name</b>	Davit
<b>Address (work, apartment)</b>	Tbilisi, I. Abashudze st. №42, apartment №57; Tbilisi, M. Kostava st. №77	<b>Date and place of birth</b>	October 16, 1963, Tbilisi
<b>Citizenship</b>	Georgia	<b>Phone numbers</b>	+995 (32) 222 15 95
<b>e-mail</b>	gurgenidzedavid@gtu.ge		+995577733333

### 3. Education

Education	Names of educational institutions	Dates of study
Secondary education	Tbilisi N101 school	19670-1981
Higher education	Moscow Institute of Civil Engineering named after V.V. Kuybyshev (MISI)	1981-1983
	Tbilisi Polytechnical Institute	1983-1987
	Georgian Technical University. Master of civil law	1999-2001
Postgraduate, PhD	Institute of Energy and Energy Structures, named after G. Chogovadze	2005

### 4. Languages

The name of a foreign language	Possession level (advanced, intermediate, or beginner)
Russian	Advanced
English	Beginner
German	Beginner

### 5. Scientific or academic degree and title

	Title of the topic	Date of assignment	Degree awarded
Candidate dissertation	Hydraulic phenomena of oil spillage in an aqueous environment during oil transportation by pipelines and tank cars And investigation of possible ecological consequences	2005	Candidate of technical sciences

## 6. Work experience

Date	Name of the institution	Position
2023	Permanent Conference of Rectors of Georgia	Chairman
2022-	Georgian National Academy of Sciences	Associated member of the presidium
2022-	Dissertation Council of Engineering, Technological, and Natural Science, University of Georgian Technical University	Chairman of the board
2021-	Decree of the President of Georgia N 01/10/01	Member of the National Award Commission of Georgia
2020-	Georgian Technical University	Rector
2017-	Scientific-Advisory Council under the regional policy and self-government committee of the Parliament of Georgia	Board member
2017-	Scientific-Advisory Council under the Sector Economy and Economic Policy Committee of the Parliament of Georgia	Board member
2017-	GTU Faculty of Construction	Dean
2017-2018	GTU doctoral educational programme "hydro engineering"	Head
2015-2017	GTU Faculty of Construction	Acting Dean
2013-	GTU educational process monitoring department	Head of Department
2012-2013	GTU construction Faculty Department of Water Supply, Sewerage, Heat Supply and building Engineering	Visiting specialist with hourly payment
2006-2007	GTU Faculty of energy and Telecommunication, Department of heat engineering and hydropower	Visiting specialist with hourly payment
2005-2011	Georgian Academy of Engineering	Advisor
2002-2005	GTU water supply and Sewerage Department	Scientist-employee
2001-2004	Ministry of Energy of Georgia	Deputy minister
2001-2003	State Examination Commission of the Faculty of Hydro Engineering of GTU	Chairman of the commission
1998-2001	International Center for GTU production and business promotion "TEMPUS TACIS"	Head of the center
1997-2001	JSC. „Mercury – 92“	General manager (Tbilisi)
1997-1998	GTU Water Supply and Sewerage Department	Deputy Head of the Department
1994-1996	Institute of Theoretical and Experimental Physics	Scientist-employee (Contractual topic) (Moscow)
1993-1997	Ltd D.I.V.A.	Chairman of the board (Vienna, Austria)
1992-1994	JSC. „Zodiaco“	President (Moscow)
1990-1993	Scientific-Production Association "complex"	Deputy General Manager (Tbilisi)
1985-1990	Tbilisi City Committee Department of Science and Technology	Head of Department
1983-1987	Construction of “Engurhesi”	Commander of construction teams

1980-1981	Ministry of Rural Construction of Georgia	№9 Locksmith
1980-1980	Mtskheta industrial combine	Handyman

### 6.1 Teaching activity

Date	Name of the institution	Position
1997-2005	Georgian Technical University	Specialist
2006-2007	Georgian Technical University	Visiting specialist
2012-2023	Georgian Technical University	Professor

### 6.2. Activities abroad

Form of activity	Date	Place and institution
Conducting lectures in foreign higher education institutions	1998	University of Limerick, Ireland
Conducting lectures in foreign higher education institutions	1999	University of Limerick, Ireland
Conducting lectures in foreign higher education institutions	1999	Manchester Metropolitan University
Conducting lectures in foreign higher education institutions	2003	Sigma Xi (Scientific Research Society of America)
Long business trip to research institutions	1994-1996	Institute of Theoretical and Experimental Physics (Moscow)

### 7. Field of scientific interests

Hydraulic structures
Hydropower (large and small dams)
Hydro-ecological, water-agricultural structures
Hydromelioration
Hydraulic effects of an oil spill and investigation of possible ecological consequences

### 8. Total number of publications - 105 works

#### 8.1 Monographs

Dates	
2006	Aspects of the hydroecology of energy facilities (Authors: D. Gurgenidze, D. Namgaladze)
2006	Environmental protection of energy facilities (Authors: D. Gurgenidze, D. Namgaladze)
2022	Fundamentals of ecological-economic theory of integrated management of natural resources (Authors: G. Gavardashvili, D. Gurgenidze)
2022	Bioresources and prospects in Georgia (Authors: V. Ghlighlashvili, T. Kacharava, D. Gurgenidze)
2022	Hydrodynamic processes of viscous liquids in pipelines, aspects of their ecological and efficient management (Authors: D. Gurgenidze, D. Namgaladze, L. Shatakishvili)
2022	Hydropower protection engineering systems. Process management and monitoring
2023	TECHNICAL SYSTEMS TO PROTECT WATER RESOURCES PROCESS MANAGEMENT AND MONITORING

#### 8.2 Main scientific articles (no more than 50)

Dates	
2014	"Hydro Engineering" magazine, N1-2(17-18)-GTU, Tbilisi „Determination of integral characteristics of the conductive capacity of the hull

	D. Gurgenidze, I. Inashvili, D. Gubeladze, L. Klimiashvili
2015	"Hydro Engineering" magazine, N1-2(19-20)- GTU, Tbilisi „Patterns of movement of transit flows in rivers D. Gurgenidze, D. Gubeladze, N. Natslishvili, L. Klimiashvili
2015	"Hydro Engineering" magazine, N1-2(19-20) GTU, Tbilisi „The peculiarity of riverbed processes“ D. Gubeladze, D. Gurgenidze, I. Kruashvili, L. Klimiashvili
2015	"Hydro Engineering" N1-2(19-20) GTU, Tbilisi „About building expert systems“ D. Gurgenidze, N. Natslishvili, L. Klimiashvili
2015	"Construction" magazine, N3(38), Tbilisi , „Modelling of the technological process of water supply in water supply systems based on the distribution of piezometric pressures” D. Gurgenidze, Z. Tsikhelashvili, Kh. Soselia, S. Gurgenidze
2016	"Construction" magazine, N1(40), Tbilisi, „Trends in the field of high-strength concrete“ A. Chikovani, D. Gurgenidze
2016	"Construction" magazine, N3(42), „Concrete on modified plasters“ A. Chikovani, D. Gurgenidze
2016	"Construction" magazine, N3(42), Tbilisi, „Reinforced concrete high-rise frame buildings and existing problems of calculating their seismic resistance“ D. Gurgenidze, L. Kakhiani, M. Suladze
2016	"Construction" magazine, N3(42), Tbilisi, „Specific technical standards corresponding to the European“ D. Gurgenidze, L. Klimiashvili, A. Chikovani
2016	"Construction" magazine, N4(43), Tbilisi, „Self-hardening concrete“ D. Gurgenidze, L. Klimiashvili, A. Chikovani
2016	"Construction" magazine, N4(43), Tbilisi, „The possibility of complete biological wastewater treatment based on the best favourable technologies“ D. Gurgenidze, L. Klimiashvili, N. Nebieridze
2016	"Construction" magazine, N4(43), Tbilisi, „Standards of earthquake-resistant construction in different countries and their critical assessment“ D. Gurgenidze, L. Kakhiani, L. Balanchivadze, M. Suladze
2017	Collection of scientific works of GTU, N1(503), Tbilisi, „Concrete strength uniformity“ D. Gurgenidze, L. Klimiashvili, A. Chikovani
2017	"Energy" magazine, N2(82), Tbilisi, „Solubility of concrete in water“ D. Gurgenidze, L. Klimiashvili, A. Chikovani
2017	"Construction" magazine“, N1(44), Tbilisi, „Restoration of concrete and reinforced concrete structures“ D. Gurgenidze, L. Klimiashvili, A. Chikovani
2017	"Hydro Engineering" magazine N1-2(23-24), Tbilisi, „Analysis of the Ortachala HPP Coastad Zone Seepage Regime“ D. Gurgenidze, L. Klimiashvili, M. Kalabegishvili
2017	"Hydro Engineering" magazine №1-2 (23-24), GTU, Tbilisi „Radiation-shielding composite materials“ D. Gurgenidze, L. Klimiashvili, A. Chikovani
2017.	Proceedings of the 9th International Conference on Contemporary Programme of Architecture and Construction, Batumi, Georgia, September 13-18, „Illustrated Construction Explanatory Dictionary and its Influence on the Development of Georgian Construction Culture“ D. Gurgenidze, L. Klimiashvili, T. Khmelidze, K. Khmelidze.
2017.	Proceedings of the 9th International Conference on Contemporary Programme of Architecture and Construction, Batumi, Georgia, September 13-18, „Monitoring of Bulding Structures with Fibre-optical Sensors“ D. Gurgenidze, L. Klimiashvili, U. Dzodzuasvili, M. Tsikarishvili, O. Kharshiladze, S. Bilidze
2018	"Hydro Engineering" magazine, N1-2(25-26), Tbilisi, „Development of Effective Methods for Organization of Minor Water Cycle“ D. Gurgenidze, A. Bakhtiari, T. Berberashvili, A. Bagration-Davitashvili, P. Kervalishvili, L. Klimiashvili
2018	"Hydro Engineering" magazine, №1-2 (25-26), GTU, Tbilisi „Influence of particle shape on hydraulic flow during mechanical wastewater treatment“ D. Gurgenidze, Z. Gvishiani, Z. Tsinadze, S. Bukia
2018	"Hydro Engineering" magazine №1-2 (25-26), GTU, Tbilisi „Chemical and physical aspects of concrete additives“ D. Gurgenidze, L. Klimiashvili, A. Chikovani

2018	Proceedings of the 10th International Conference on Contemporary Programmes of Architecture and Construction Wuhan University of Technology, China, „Bending of a Geometrically Nonlinear Shell with Cut, Reinforced by Rib“ <i>D. Gurgenidze, G. Kipiani</i>
2018	5th International Conference DEBRIS FLOWS: DISASTERS, RISK, FORECAST, PROTECTION, Tbilisi, „Origin and Classification of Debris Flows“ <i>M. Nanaitashvili, I. Inashvili</i>
2019	"Hydro Engineering" magazine №1-2 (27-28), GTU, Tbilisi „Aspects of composite material“ <i>D. Gurgenidze, L. Klimiashvili, A. Chikovani</i>
2019	Proceedings of the 11 <sup>th</sup> International Conference on Contemporary Problems of Architecture and Construction, Yerevan, Armenia October 14-16, „Determination of Large Displacements of Curvilinear Shape Plates with Consideration of Jump Changes and Certain Factors // Contemporary Problems of Architecture and Construction“ <i>G. Kipiani, M. Kalabegashvili, E. Kristesiashvili, D. Kipiani</i>
2019	II International Symposium - Seismic resistance and engineering seismology, collection of reports, Tbilisi, „The advantage of small power plants“ <i>D. Gurgenidze, M. Suladze</i>
2019	From a series of monographs „Environmental ecology” GTU, Tbilisi, „Reliability indicators of water supply system elements“ <i>D. Gurgenidze, L. Klimiashvili, M. Nanitashvili</i>
2019	From a series of monographs „Environmental ecology” GTU, Tbilisi, „Hazard reliability indicators of the main devices of the water pumping station“ <i>D. Gurgenidze, L. Klimiashvili, M. Nanitashvili, M. Robakidze</i>
2019	From a series of monographs „Environmental ecology” GTU, Tbilisi, „Transboundary rivers: issues and solutions“ <i>D. Gurgenidze, Z. Megrelishvili, L. Klimiashvili</i>
2019	From a series of monographs „Environmental ecology” GTU, Tbilisi, „Ecological dependability of natural water sources and quantitative indicator acceptance methods“ <i>D. Gurgenidze</i>
2020	International Scientific Journal PROBLEMS OF MECHANICS N1(78), „Analysis on Stability of Having Holes Thin-Walled Spatial Structures“ <i>D. Gurgenidze, G. Badzgaradze, G. Kipiani</i>
2020	Georgian Engineering News, N1, 90, „Thermoelastic equilibrium of a finite-length cylinder in a cylindrical-bipolar coordinate system“ <i>D. Gurgenidze</i>
2020	XI Annual International Conference of the Union of Mechanics of Georgia (thesis of reports). Batumi, „Arched, domed and thin-walled spatial structures in civil and hydraulic structures“ <i>D. Gurgenidze, G. Kipiani, T. Maghradze, G. Badzgaradze</i>
2020.	Proceedings of the 12 <sup>th</sup> International Conference on Contemporary Problems of Architecture and Construction ICCPAC-2020, Saint Petersburg, Russian Federation. November 25-26 „Illustrated Construction Encyclopaedic Dictionary - model for the evolution of Georgian construction culture“ <i>L. Klimiashvili, T. Khmelidze</i>
2020	Proceedings of the 197-6 International Conference on Contemporary Problems of Architecture and Construction (ICCPAC 2020), Saint Petersburg, Russia, „On Analysis of thin-walled spatial systems of complex structure with discontinuous parameters by method of large blocks' ' <i>D. Gurgenidze, G. Kipiani, G. Badzgaladze, E. Suramelashvili</i>
2020	"Construction" magazine N2 (55) Tbilisi „About one of the models of surface water quality management“ <i>D. Gurgenidze, D. Gorgidze, Z. Tsitskishvili</i>
2020	Abstracts of the Second Eurasian RISK-2020 Conference and Symposium, India, „Dam Break and Flash Flood Prediction Case Study: Zhinvali Dam, Georgia“ <i>D. Gurgenidze, G. Gavardashvili, V. Aliyev, A. Ujma.</i>
2020	American Journal of Environmental „Minor Water Cycle as Water Crisis Solution“ <i>A. Bakhitiari, D. Gurgenidze, T. Berberashvili, A. Bagration- DavitaSvili, P. Kervalishvili, L. klimiashvili</i>

2020	Georgian Academy of Educational Sciences. International Scientific Conference: „Modern problems in higher education teaching and ways to solve them“ „Engineering education in Georgia and its main tasks in the field of mechanics“ <i>D. Gurgenidze, G. Kipiani, G. Badzgaladze, E. Suramelashvili</i>
2021	XVII International Scientific-Technical Conference. POLAND „Mathematical Modelling of Mudflow Dynamics“ <i>D. Gurgenidze, G. Kipiani, O. Obgadze</i>
2021	Georgian Engineering News, N1, 92 „FREQUENCY OF UNPLEASANT ODOUR IN DRINKING WATER IN SOME DISTRICTS OF TBILISI“ <i>D. Gurgenidze, A. Bagration-Davitashvili, I. Inashvili, K. Bziava, M. Soselia</i>
2021წ.	Georgian Engineering News N1, 92, „Pollution of the river Mtkvari with pharmaceutical preparations in the surrounding areas of Tbilisi“ <i>D. Gurgenidze, Z. Gvishiani, A. Bagration-Davitashvili, Z. Tsintsadze, E. Suramelashvili, G. Ebanoidze</i>
2021	Georgian Engineering News N2, 93, „Distribution of pharmaceuticals in drinking water“ <i>D. Gurgenidze, A. Bagration- Davitashvili, Z. Tsintsadze, E. Suramelashvili, G. Ebanoidze</i>
2021	Proceedings of the IX International Scientific and Practical Conference, London, United Kingdom, 7-9, „Comprehensive Analysis of Construction Projects at the Pre-Investment Stage" <i>D. Gurgenidze, D. Gorgidze, S. Khutsishvili, R. Museridze</i>
2021	Proceedings of the IX International Scientific and Practical Conference, London, United Kingdom, 7-9, „Probabilistic approach to assessing the state of a reservoir in case of wastewater pollution“ <i>D. Gorgidze, Z. Tsitskishvili, R. Tsitskishvili</i>
2021	Abstracts of the V International Scientific and Practical Conference, Kiev, Ukraine, 24-26 January  „Thermoelastic equilibrium of a finite-length cylinder in a cylindrical-bipolar coordinate system“ <i>D. Gorgidze</i>
2021	Abstracts of V International Scientific and Practical Conference, Kiev, Ukraine, 24-26 January „System Analysis of the Main Features of Project Management in a Construction Company“ <i>D. Gurgenidze, D. Gorgidze, S. Khutsishvili, R. Museridze</i>
2022.	Monographic series. LAP LAMBERT Academic Publishing, Berlin, Contemporary Business Challenges in a Globalized World“ <i>D. Gurgenidze, D. Gorgidze</i>
2022	"Eastern-European Journal of Enterprise Technologies"_4th stage_No. 6 (120). „ASSESSMENT OF ECONOMIC EFFICIENCY INDICATORS OF ENVIRONMENTAL PROTECTION MEASURES DURING THE CONSTRUCTION OF HYDRAULIC ENGINEERING STRUCTURES“ <i>D. Gurgenidze, D. Gorgidze</i>
2023	Environmental Monitoring and Assessment, Quantitative Assessment of Pharmaceutical Pollution of Water Resources on the Example of the Kura River <i>D. Gurgenidze, D. Gorgidze, V. Romanovski</i>
2023	New Optimal Planning of Restoration and Technical Diagnostics of Sea Berths on the Basis of Q Analysis and Fuzzy Set Theory <i>D. Gurgenidze, M. Akhobadze, M. Tsikarishvili, T. Bulia</i>

### 8.3 Textbooks, additional textbooks, other educational and methodological literature and tools

Dates	
2012	„Basics of water supply and sewerage (Second completed and revised edition)“(D. <i>Gurgenidze, N. Natsvlishvili, L. Klimiashvili, M. Natsvlishvili</i> )
2017	„Building materials science“ (D. <i>Gurgenidze, L. Klimiashvili, A. Chikovani</i> )
2017	„Concrete, technical requirements, test methods in accordance with European building norms“ (D. <i>Gurgenidze, L. Klimiashvili, A. Chikovani</i> )
2018	„Architectural Materials Science“ (D. <i>Gurgenidze, L. Klimiashvili, A. Chikovani</i> )

2019	„Cements, technical requirements, test methods in accordance with European building norms“ ( <i>D. Gurgenidze, L. Klimiashvili, A. Chikovani</i> )
2021	„Concrete science“ ( <i>L. Klimiashvili, A. Klimiashvili, A. Chikovani, D. Gurgenidze</i> )
2022	„General hydrology“ ( <i>D. Gurgenidze, R. Diakonidze</i> )
2018	„Investigation of the condition of building structures“ ( <i>D. Gurgenidze, R. Imedadze, G. Metreveli, T. Maghradze</i> )
2020	„Recommendations for finishing works“ ( <i>D. Gurgenidze, G. Datukishvili, I. Lomidze, M. Tsikarishvili</i> )
2020	„Handbook of some concepts and terms of technical mechanics“ ( <i>D. Gurgenidze, Z. Madzgua, D. Tabatadze, D. Jankarashvili</i> )
2020	„COVID-19: Challenges. Global and European new social order (Interviews and opinions, Jurgen Habermas, Marcus Gabriel, Judith Butler, Slavio Jojek)“ ( <i>D. Gurgenidze, G. Bezhanishvili, M. Gabrieli</i> )
2021	„Covid-19: „Virological imperative: human rights, environmental, political and economic problems,“ ( <i>D. Gurgenidze M. Beriashvili, Z. Krasnodebsky</i> )

#### 8.4 Electronic publications

Dates	Title	Source address
2019	Encyclopaedic Dictionary of construction volume I ( <i>D. Gurgenidze, T. Khmelidze, L. Kliashvili, K. Khmelidze</i> )	<a href="http://construction.gtu.ge/">http://construction.gtu.ge/</a>
2019	Encyclopaedic Dictionary of construction volume II ( <i>D. Gurgenidze, T. Khmelidze, L. Kliashvili, K. Khmelidze</i> )	<a href="http://construction.gtu.ge/">http://construction.gtu.ge/</a>
2019	Encyclopaedic Dictionary of construction volume III ( <i>D. Gurgenidze, T. Khmelidze, L. Kliashvili, K. Khmelidze</i> )	<a href="http://construction.gtu.ge/">http://construction.gtu.ge/</a>
2019	Encyclopaedic Dictionary of construction volume IV ( <i>D. Gurgenidze, T. Khmelidze, L. Kliashvili, K. Khmelidze</i> )	<a href="http://construction.gtu.ge/">http://construction.gtu.ge/</a>
2019	Encyclopaedic Dictionary of construction volume V ( <i>D. Gurgenidze, T. Khmelidze, L. Kliashvili, K. Khmelidze</i> )	<a href="http://construction.gtu.ge/">http://construction.gtu.ge/</a>

#### 8.5 Participation in scientific symposia, conferences (last ten years)

Dates	Title	Event title
2017	The illustrated Construction Explanatory Dictionary and its Influence on the Development of Georgian Construction Culture	Proceedings of the 9th International Conference on Contemporary Programmes of Architecture and Construction, Batumi, Georgia, September 13-18,
2017.	Monitoring of Building Structures with Fibre-optical Sensors	Proceedings of the 9th International Conference on Contemporary Programmes of Architecture and Construction, Batumi, Georgia, September 13-18,

2018	Origin and Classification of Debris Flows	Proceedings of the 10th International Conference on Contemporary Programmes of Architecture and Construction. Wuhan University of Technology, China,
2019	Determination of Large Displacements of Curvilinear Shape Plates with Consideration of Jump Changes and Certain Factors // Contemporary Problems of Architecture and Construction	Proceedings of the 11 <sup>th</sup> International Conference on Contemporary Problems of Architecture and Construction, Yerevan, Armenia October 14-16,
2019	Advantages of small power plants	II International Symposium-seismic resistance and engineering seismology, collection of reports, Tbilisi
2020	Arched, domed and thin-walled spatial structures in civil and hydraulic structures	XI Annual International Conference of the Union of Mechanical Engineers of Georgia (thesis of reports). Batumi
2020	Illustrated construction Encyclopaedic dictionary – the paradigm of the development of construction culture in Georgia.	Proceedings of the 12 <sup>th</sup> International Conference on Contemporary Problems of Architecture and Construction ICCPAC-2020, Saint Petersburg, Russian Federation. November 25-26
2020	On the analysis of thin-walled spatial systems of complex structure with discontinuous parameters by the method of large blocks	Proceedings of the 197-6 International Conference on Contemporary Problems of Architecture and Construction (ICCPAC 2020), 25-26 November, Saint Petersburg, Russia
2020	Dam Break and Flash Flood Prediction Case Study: Zhinvali Dam, Georgia	Abstracts of the Second Eurasian RISK-2020 Conference and Symposium, India,
2020	Engineering education in Georgia and its main tasks in the field of mechanics	Georgian Academy of Pedagogical Sciences. International scientific conference on "Modern problems in higher education teaching and ways to solve them"
2021	Mathematical Modelling of Mudflow Dynamics	XVII International Scientific-Technical Conference. POLAND
2021	Comprehensive Analysis of Construction Projects at the Pre-Investment stage	Proceedings of the IX International Scientific and Practical Conference, London, United Kingdom, 7-9, 2021 <a href="https://sci-conf.com.ua/ix-mezhdunarodnaya-nauchno-prakticheskaya-konferentsiya-the-world-of-science-and-innovation-7-9-aprelya-goda-london-velikobritaniya-arhiv/">https://sci-conf.com.ua/ix-mezhdunarodnaya-nauchno-prakticheskaya-konferentsiya-the-world-of-science-and-innovation-7-9-aprelya-goda-london-velikobritaniya-arhiv/</a>
2021	A probabilistic approach to assessing the state of a reservoir in case of wastewater pollution	Proceedings of the IX International Scientific and Practical Conference, London, United Kingdom, 7-9, <a href="https://sci-conf.com.ua/ix-mezhdunarodnaya-nauchno-prakticheskaya-konferentsiya-the-world-of-science-and-innovation-7-9-aprelya-2021-goda-london-velikobritaniya-arhiv/">https://sci-conf.com.ua/ix-mezhdunarodnaya-nauchno-prakticheskaya-konferentsiya-the-world-of-science-and-innovation-7-9-aprelya-2021-goda-london-velikobritaniya-arhiv/</a>
2021	Thermoelastic equilibrium of a finite-length cylinder in a cylindrical-bipolar coordinate system	Abstracts of the V International Scientific and Practical Conference, Kiev, Ukraine, 24-26 January



2021	Abstracts of the V International Scientific and Practical Conference, Kiev, Ukraine, 24-26 January
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### 9. Organizational activity (organization of congresses and conferences, editorship)

Dates	Title
2013 - present	"Hydro Engineering" magazine, Tbilisi, Georgian Technical University, Member of the scientific committee
2013 – 2020	Science and Technology magazine, Editorial board member
2017 - present	Scientific-technical magazine "Construction", Member of the scientific editorial board
2017	The First International Conference on the Internationalization of Higher Education: Standards and challenges IHE 2017 Member of the organizing committee
2018	Proceedings of the II International Conference “SEISMIC – 2018” Scientific Committee
2018	Georgian Technical University events and facts 2007-2017 Editorial board member
2019	II International Symposium - Seismic resistance and engineering seismology, collection of reports, Tbilisi, Member of the scientific committee
2019	Chronicler of the History of the Apostolic Orthodox Church of Georgia Editorial board member
2020 - present	Collection of scientific works of Georgian Technical University Editor-in-chief
2020	XI Annual International Conference of the Union of Mechanical Engineers of Georgia Member of the scientific committee
2020 - present	Science and Technology magazine Co-chair of the editorial board
2020	International Scientific Journal PROBLEMS OF MECHANICS Scientific-Editorial board
2021	International scientific conference "World and Caucasus" Co-chair of the editorial board

### 10. Inventions (copyright certificates, patents)

Dates	Title
2003	№2200273 - Correlation Analyzer
2022	№ P2022 7361 - Undercarriage water intake structure

### 11. International and local scientific grants

Dates	Title
2019/06/24 – 2021/09/20	Georgian Technical University Bialystok University of Technology (Poland) NAWA N PP/APM/2018/1/ 00033/U/001
2016/08/01 – 2020/07/31	International grant project N135 „Academic collaboration for capacity building in environmental teaching“ Austrian Agency for international cooperation in education and research (OeAD-GmbH), APPEAR
1999/01/01 – 2001/01/01	Economics for Engineering Student Mobility.

## 12. Scientific-commercial activities, realized projects, introduction

Dates	Title
2003	Correlation Analyzer
2022	Undercarriage water intake structure

## 13. Other activities

	Title	Dates
Management of dissertations and master's (qualification) works	Development of methodologies for the effective functioning of water supply systems	2017
Management of dissertations and master's (qualification) works	Calculation of the "Natanebhesi" using methods of rupture mechanics	2019
Management of dissertations and master's (qualification) works	Assessment of the quality of natural water supply sources using the example of the Mtkvari River	2019
Management of dissertations and master's (qualification) works	Green buildings alleviated unriegel roofing in Tbilisi	2022
Management of dissertations and master's (qualification) works	Study of the strength and condition of the pressure tunnel, taking into account the filtration regime	2022
Management of dissertations and master's (qualification) works	Reconstruction of a natural water treatment plant to eliminate the negative impact of phytoplankton	2022
Management of dissertations and master's (qualification) works	Reconstruction of the wastewater treatment plant in order to adapt the combined technology	2022
Management of dissertations and master's (qualification) works	Calculation of thin-walled spatial systems with different cross sections for stability	2022
Management of dissertations and master's (qualification) works	Determination of the operational suitability, strength and stability of the berth structure on the example of the port of Poti.	2023
Participation in international, state and regional programmes and projects		

## 14. Awards and prizes, honorary degrees

Dates	Award, prize, honorary titles
1999	Medal of Honour ( <i>Georgian President #1518 ordinance, dated 21.12.1999 – for personal contributions to the upbringing of student youth</i> )
2007	The International Foundation of Journalists – The “Golden Feather” ( <i>For special charitable activities and philanthropy, 24.05.2007</i> )
2022	On the occasion of Lithuania's Independence Day, the President of the Republic of Lithuania bestowed upon David Gurgenzidze the Order of Lithuania - "Merit for Lithuania," - Knight's Cross. ( <i>February 16, 2022</i> )
2023	Dante Alighieri Society gold medal and diploma (Italy)

## 15. Marital status

Married with two children
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