

**List of scientific works**

**2012-2024**

**Shorena Kupreishvili**

<b>#</b>	<b>Name</b>	<b>has been published</b>	<b>Publishing house, magazine (issue, year, page)</b>	<b>Last name of co- authors</b>
1	The influence of industrial waste on the ecological state of the environment	Printed	International scientific-practical conference "Innovative technologies and environmental protection", collection of works, Kutaisi, 2012. p. 78-80	T. Supatashvili Kh. Kiknadze L. Maisaiah
2	Physical properties of Kolkheti plain soils	Printed	International scientific-practical conference "Innovative technologies and environmental protection", collection of works, Kutaisi, 2012. p. 152-154	Kh. Kiknadze L. Maisaia M. Khutsishvili T. Supatashvili
2	Study of the hydrological and morphometric regularity of the processes taking place in the riverbeds	Printed	2nd international scientific-technical conference "Modern problems of environmental protection, architecture and construction", July 24-31, 2012. Tbilisi, Kobuleti, 2012. p. 97-100	P. Sichinava M. Shavlakadze F. Lortkipanidze
4	Application of the theory of reliability in geographical studies (for example, the study of erosive processes)	Printed	Institute of Aquaculture of Technical University of Georgia, Tbilisi, collection of scientific works, #67, 2012, p. 49-54	G. Dokhnadze N. Elizbarashvili
5	Determining the peculiarities of the operation of closed assemblies	Printed	Institute of Aquaculture of Technical University of Georgia, Tbilisi, collection of scientific works, #67, 2012, p. 141-145	P. Sichinava L. Maisaia M. Kikabidze Z. Lobzhanidze
6	EVALUATION OF THE IMPACT OF SUBSTANCES SECRETED FROM THE DECOMPOSITION OF CORPSE BURIED AT CEMETERIES ON FRESH WATER RESOURCES, SPECIFICALLY ON THE QUALITY OF POTABLE WATER	Printed	Georgian International Journal of Science and Technology Volume 5, Number 1-2, 2013, pp. 21-25	R. Diakonidze T. Supatashvili, M. Shavlakadze Sh. Kupreishvili F. Lortkifanidze
7	PLANET WATER	Printed	Georgian International Journal of Science	R. Diakonidze

	RESOURCES, GLOBAL ECOLOGY PROBLEMS AND ROLE OF HUMAN BEING IN SOLVING THESE PROBLEMS		and Technology Volume 5, Number 1-2, 2013, pp. 27-33	G. Chakhaia L. Tsulukidze T. Supatashvili
8	Against the background of global warming, protecting the ecological security of the Kolkheti plain by regulating the hydrological regime of rivers	Printed	International Conference "Water Ecosystems of the Kolkheti Plain - Protection and Rational Use" July 22-14, Proceedings, 2013, Tbilisi, Poti, p. 54-58	R. Diakonidze i. Iremashvili T. Supatashvili
9	The optimal Measure to protect the black sea coastal zone from the sea abrasion processes	Printed	3rd international scientific and technical conference "Modern problems of environmental protection, architecture and construction", July 29-August 4, 2013. Borjomi, 2013 p. 67-69	R. Diakonidze T. Supatashvili
10	Ecological problems of the Tbilisi Sea and their prevention measures	Printed	Collection of scientific works of the Institute of Aquaculture of the Technical University of Georgia, #68, 2013, Tbilisi, p. 57-63	R. Diakonidze c. Chakhaya L. Tsulukidze Z. Varazashvili T. Supatashvili N. Mtiulishvili
11	Hydrotechnical classification of Georgian rivers according to the characteristics of the beds	Printed	Collection of scientific works of the Institute of Aquaculture of the Technical University of Georgia, #68, 2013, Tbilisi, p. 170-174	P. Sichinava Z. lobjanidze
12	The Influence of Bed Cross Section on the Hydraulic Elements of Flow	Printed	4th international scientific-technical conference "Modern problems of environmental protection, architecture and construction", September 27-30, Tbilisi, 2014. p. 166-168	P. Sichinava
13	Regulatory network in the case of surface feeding and the principle of its operation	Printed	Collection of scientific works of the Institute of Aquaculture of the Technical University of Georgia, #69, 2014, Tbilisi, p. 153-154	P. Sichinava K. Bziava

14	Regulatory network schemes during groundwater regulation	Printed	Collection of scientific works of the Institute of Aquaculture of the Technical University of Georgia, #69, 2014, Tbilisi, p. 155-157	-
15	Study of the modern state of the territories of the Kolkheti plain	Printed	"Environmental, Biological and Ecological Sciences and Engineering" 2014, November 21-22, Paris, France	P. Sichinava
16	Calculation of systematic horizontal drainage in the conditions of unstable ground water movement	Printed	5th international scientific-technical conference "Modern problems of environmental protection, architecture and construction", July 16-19, Tbilisi, 2015. p. 136-139	P. Sichinava Z. lobzhanidze K. Dadiani N. Beraia
17	Reclamation of Noga rivers (floodplains).	Printed	Collection of scientific works of the Institute of Aquaculture of the Technical University of Georgia, #70, 2015, Tbilisi, p. 96-98	P. Sichinava K. Dadiani
18	Raising the depressed areas of the drying area by clogging and reflowing	Printed	საქართველოს ტექნიკური უნივერსიტეტის წყალთა მეურნეობის ინსტიტუტის სამეცნიერო შრომათა კრებული, #70, 2015 წ, თბილისი, გვ. 99-101	-
19	The Evaluation of Debris Flows Influence on the Pass through Type Debris Flow against Construction	Printed	American Scientific Research Journal for Engineering, Technology, and Sciences (ASRJETS) ISSN (Print) 2313-4410, ISSN (Online) 2313-4402 © Global Society of Scientific Research and Researchers. Impact Factor 0,296, USA, 2016	G. Chakhaia E. Kukhalashvili R. Diakonidze N. Kvashilava L. Tsulukidze T. Supatashvili I. Khubulava
20	Assesment of Debris Flow Influence on the Lattice Type Debris Flow against Construction	Printed	International Journal of Sciences: Basic and Applied Research (IJSBAR). ISSN 2307-4531 (Print & Online) <a href="http://gssrr.org/index.php?journal=JournalOfBasicAndApplied">http://gssrr.org/index.php?journal=JournalOfBasicAndApplied</a> . Impact Factor 0,415, USA.2016	G. Chakhaia N. Kvashilava R. Diakonidze L. Tsulukidze Z. Lobzhanidze T. Supatashvili I. Khubulava
21	Methodical recommendations for regulating water intakes and water channels of the Kolkheti plain drainage network and strengthening	Printed	Ministry of Education and Science of Georgia, Technical University of Georgia, publishing house "Kavkasia", 2016, 81 p.	R. Diakonidze L. Maisaiah Kh. Kiknadze e. Khosroshvili

	their beds			
22	Agricultural plots located in the surrounding areas of Anaklia, Laziki and Poti study base areas Characterization of types of drained soils	Printed	6th International Scientific and Technical Conference "Modern Problems of Water Management, Environmental Protection, Architecture and Construction" Proceedings, Universi Publishing House, 2016, 154-156	P. Sichinava B. Diakonidze
23	Development of tracing measures for the open transmission network on the Kolkheti plain	Printed	Collection of scientific works of the Institute of Aquaculture of the Technical University of Georgia, #71, 2016, Tbilisi, p. 85-88	-
24	Biological water purification systems	Printed	6th International Scientific and Technical Conference "Modern Problems of Water Management, Environmental Protection, Architecture and Construction", collection of works, publishing house "Universe", 2016, p. 197-199	M. Shavlakadze T. Supatashvili
25	Methods for calculation of optimal tariffs on irrigation water used in irrigation	Printed	18 <sup>th</sup> International Conference on Agricultural and Food Sciences, Barcenola, Spain, December 12-13, 2016	G. Mekhrishvili M. Vartanovi G. Gavardashvili
26	Selection of migration and migration regulatory measures in the soils of Kolkheti viticulture zone	Printed	International Scientific Conference "Viticulture and Winemaking in European Countries, Historical Aspects and Perspectives", Tbilisi, October 25-27, 2017.	E. Kukhalashvili P. Sichinava
27	The Assessment Stability of Landslide Dangerous Slopes Existing in the Basin of River Jokhtaniskhevi	Printed	World Wide Journal of Multidisciplinary Research and Development  Volume 3, Issue 2, 2017  <a href="http://www.jmrd.com/archive/2017/2">http://www.jmrd.com/archive/2017/2</a>	N. Kvashilava G. Chakhaia L. Tsulukidze Z. Lobzhanidze T. Supatashvili I. Kvirkevelia I. Khubulava S. Gogilava
28	The assessment of debris flow influence on the	Printed	World Wide Journal of Multidisciplinary Research and Development  Volume 3, Issue 2, 2017	G. Chakhaia N. Kvashilava L. Tsulukidze

	debris flow against stepped barrage		<a href="http://wwjmr.com/archive/2017/2">http://wwjmr.com/archive/2017/2</a>	Z.Lobzhanidze T.Supatashvili I.Kvirkvelia I. Khubulava S. Gogilava
29	The assessment of the possibility debris flow influence on the pass through type debris flow against construction in the river Jokhtaniskhevis basin	Printed	World WideJournal of Multidisciplinary Research and Development Volume 3, Issue 2, 2017 <a href="http://wwjmr.com/archive/2017/2">http://wwjmr.com/archive/2017/2</a>	G. Chakhaia N. Kvashilava L.Tsulukidze Z.Lobzhanidze T. Supatashvili I. Kvirkvelia I. Khubulava S. Gogilava
30	The Assessment of the Debris Flow Influence on the Debris Flow against Stepped Barrage Containing of Semi Cylinder Shape Elements	Printed	World WideJournal of Multidisciplinary Research and Development Volume 3, Issue 2, 2017 <a href="http://wwjmr.com/archive/2017/2">http://wwjmr.com/archive/2017/2</a>	G. Chakhaia N. Kvashilava L.Tsulukidze Z.Lobzhanidze T. Supatashvili I. Kvirkvelia I. Khubulava S. Gogilava
31	Modern methods of economic evaluation of investments in water management	Printed	Technical University of Georgia, Tsotne Mirtskhulava Institute of Aquaculture, "Stu" publishing house, Tbilisi, 2017, 203 p. (monograph)	M. Vartanov e. Kechkhoshvili
32	Estimation of the associated mudflow impact on semi-conical through constructions	Printed	Annals of Agrarian Science 15 (2017) 322-328, 2017	E.Kukhalashvili N. Kvashilava Sh.Kupreishvili N. Beraia
33	Located in the vicinity of Anaklia, Laziki, Poti Acceleration of surface runoff of agricultural beds Open network calculation	Printed	Proceedings of the Water Management Institute of the Technical University of Georgia, #72, 2017	P. Sichinava  O. Kharashvili F. Lortkipanidze
34	THE EFFECT OF THE BOUNDED MUDELOW ON THE REGULATOR BARRAGES	Printed	VII International Scientific, and Technical Conference „Modern Problems Of Water Management, Environmental Protection, Architecture and Construction” Collected Parers, 2017	E. Kukhalashvili G. Gavardashvili N. Beraia
35	Efficiency of water reservoir	Printed	VIII International Scientific and Technical Conference "Modern problems	Kandelaki N.

	construction in mountainous areas		of water management, environmental protection, architecture and construction". Tbilisi, 2018, pp. 142-155.	
36	Forecasting colloidal fractions value transported by floods on the example of Duruji Basin	Printed	5 <sup>th</sup> International Conference Debris Flows; Disasters, Risk, Forecast, Protection. Tbilisi, Georgia, October 1-5, 2018, p.193-199	T. Supatashvili, P. Sichinava M. Shavlakadze K. Dadiani K. Kiknadze L. Maisaia
37	An approximate assessment of the ecological regularities associated with surface irrigation	Printed	VIII International Scientific-Technical Conference "Modern Problems of Environmental Protection, Architecture and Construction". St. Tbilisi, 2018,	P. Sichinava T. Supatashvili
38	Expected Risk of Cohesive Debris Flows and Fighting Against Them	Printed	Lambert, Academic Publishing, GmbH, Norderstedt, Germany, 2018, 96 P. ISBN 978-613-9-83734-2	E. Kukhalashvili G. Gavardashvili
39	Impact of Natural Disasters on Water Resources of Georgia Caused by Global Warming, Archives of Hydro-Engineering and Environmental Mechanics	Printed	Journal of Institute of Hydro-Engineering of the Polish Academy of Sciences (IBW PAN). "Archives of Hydro-engineering and Environmental Mechanics". Poland Vol. 66 (2019), 2019 №. 1-2 pp. 15-26.	Kandelaki N. Iordanishvili I. Ujma A. Iremashvili I. Iordanishvili I. Shurgaia V. Natroshvili G.
40	Measures against the development of sedimentation processes in mountain reservoirs	Printed	X International Scientific and Technical Conference "Modern Problems of Water Management, Environmental Protection, Architecture and Construction", Tbilisi, 2019, p. 122-129 .	Kandelaki N.
41	Development of new constructions protecting the abrasive banks of water reservoirs from being washed	Printed	International scientific conference "Natural disasters in Georgia: monitoring, prevention, mitigation of consequences" Tbilisi, 2019, p. 237-243.	International scientific conference "Natural disasters in Georgia: monitoring,

	away			prevention, mitigation of consequences" Tbilisi, 2019, p. 237-243.
42	Erosion prediction of slopes considering a new concept"	Printed	Scientific magazine of New University LLC "Eruditi", No. 1(3), pp. 9-17 2019, pp. 9-17	Lobzhanidze Z. Kvaratskhelia T.
43	on the plain of Kolkheti Examination of the main elements of the water balance	Printed	Proceedings of the 9th International Scientific and Technical Conference "Modern Problems of Water Management, Environmental Protection, Architecture and Construction". 2019,	P. Sichinava Supatashvili T. Gagua O.
44	Ecological condition of small rivers on the right bank of the Mtkvari River and their assessment	Printed	Proceedings of the Water Management Institute of the Technical University of Georgia, #74, 2019	P. Sichinava T. Supatashvili
45	MODERN INNOVATIVE FACILITY	Printed	GeoRisk, Volume XIV, No. 3/2020 pp.48-56. <a href="http://www.geomark.ru/articles/so-vremennoe-innovacionnoe-protivoselevoe-sooruzhenie/">http://www.geomark.ru/articles/so-vremennoe-innovacionnoe-protivoselevoe-sooruzhenie/</a> <a href="https://doi.org/10.25296/1997-8669-2020-14-3-X-X">https://doi.org/10.25296/1997-8669-2020-14-3-X-X</a>	Gavardashvili G.V. Kukhalashvili E.G. Gavardashvili N.G.
46	Elastic mudflow regulating barrage and methodology for its calculation	Printed	DEBRIS FLOWS: Disasters, Risk, Forecast, Protection Proceedings of the 6 <sup>th</sup> International Conference. (Dushanbe – Khorog, Tajikistan) “Promotion” LLC Dushanbe – Khorog, Tajikistan, 2020, pp. 88 - 96 ISBN 978-99975-309-4-3	Gavardashvili G. Kukhalashvili, E. Gavardashvili N.
47	"Arrangement of the flood regulation elastic dam in the pipeline"	Printed	Poland - Czestochowa, 2020, p. 10;	G. Gavardashvili, E. Kukhalashvili, I. Iremashvili, L. Maisaia
48	Problems of industrial waste utilization and their role in environmental pollution	Printed	Contemporary problems of water management, environmental protection, architecture and construction. Tbilisi, 2021  192–195 p.	Supatashvili T., Shavlakadze M., P. Sichinava

49	Innovative construction against snow avalanches (construction design norms and rules)	Printed	The booklet was published with the financial support of Shota Rustaveli's National Science Foundation of Georgia grant project #CARYS - 15_305, "Innovative complex event before and after the snow avalanche". Tbilisi, publishing house - "Sachino", 2021, 50 p. ISBN 978-9941-9678 -0-1	e. Kukhalashvili, i. Iremashvili, T. Supatashvili and others.
50	Risk regulation of storm drains and calculation methodology of innovative structures	Printed	The booklet was published with the financial support of Shota Rustaveli's National Science Foundation of Georgia grant project #AR18_1244, "Drainage drainage elastic dam". Tbilisi, publishing house - "Sachino", 2021, 51 p. ISBN 978-9941-9678 -0-1	E. Kukhalashvili, I. Iremashvili, and others
51	Soil-melioration zoning of the drying zone of Zugdidi municipality and hydrotechnical recommendations	Printed	Proceedings of the Water Management Institute of the Technical University of Georgia, #75, 2022, pp. 151-155.	P. Sichinava Kupatadze g., Kukhilava
52	Determination of water requirements of wheat culture on the example of the Lomtagora region of Kvemo Kartli, taking into account the soil-climatic characteristics	Printed	"Moambe", National Academy of Sciences of Georgia 2023	Lomishvili M. Supatashvili T. Lashkhi K.
53	Economic effectiveness of rational use of irrigation water for sustainable development of mountain regions	Printed	Textbook, Sachino Publishing House, 2023. 168 p.	M. Vartanov O. Kharaishvili