

Georgian Technical University
Department of Environmental Engineering and Ecology
Associate Professor **Jimsher Kerkadze**
List of works
(2012-2023)

№	Title of scientific works	Printed or el.version	Magazine, book (manual), publishing house, number, year or copyright number	co-authors
1	2	3	4	5
1	The Problems of Diagnostics Methodology of Radiation Safety after Chernobyl and Fukushima Nuclear Accidents	printed	ISTC Internat. Conf. „Radiation Safety Challenges in the 21 st Century“, Proceedings, Yerevan, Republic of Armenia, 20-21 June, 2012, pp. 65-66.	Matsaberidze M.I. Jokhadze G.A. Khartishvili M.P.
2	Industrial ecology (Bachelor's course)	el. version	GTU, 2012, CD-669	
3	Rational use of nature (Master's course)	el. version	GTU, 2012, CD-916	
4	Problems of the „road map“ of hydrocarbon processing	printed	Seventh Inte.Conf. „Managing the Development of Large-Scale Systems“ (MLSD'2013); Abstracts of reports, Russia, Moscow, September 30-October 2, 2013, pp. 413-416.	Matsaberidze M.I. Gasitashvili Z Jokhadze G.A. Khartishvili M.P.
5	Innovative approach to recycling of shock-proofed tire-casing	printed	Works, GTU, № 4 (498), 2015, pp. 31-36.	Labadze R. Khitiri G. Kokilashvili R. Sulamanidze A.
6	Innovative Approach to Recycling of Shock-Proofed Tire-Casing	printed	Int. Scientific Conf. „Modern Researches and Prospects of their Use in Chemistry, Chemical Engineering and Related Fields“, September 21-23, 2016, Ureki, Georgia. Abst., Publishing Geoprint, pp. 159	R.Kokilashvili G.Khitiri
7	Investigation of chemical stability and mechanical properties of ion-exchange membranes in lead crocoite containing industrial wastewater	printed	Georgian Engineering News, № 4, (vol. 80), 2016, pp. 116-120	Chkhubianishvili N. Mchedlishvili G. Kristesashvili L. Mamulashvili M.
8	A mathematical model of the thermodynamic estimation algorithm of heterogeneous systems	printed	Georgian Engineering News, № 2, (vol. 82), 2017, p.145-153	Eristavi D. Gogishvili A. Sarukhanishvili A. Gugeshidze M.
9	Computer Modeling and Forecasting of the Environment Technogenic Pollution Processes	printed	3 rd Int. Scientific-Practical Conf. on Up-to-date Problems of Geology, “Power of Geology is the Precondition for Regeneration of Economics”, Book of Abstracts, Tbilisi, 2017, pp. 34-35	Eristavi D. Gogishvili A. Kutsiava N. Gugeshidze M. Demetradze M.
10	Method of purifying open pit ground water of Madneuli poly-metallic deposit from sulfates of heavy metals with the following selective extraction of pure metals	printed	Proceedings of The Georgian National Academy of Sciences, Chemical series, vol. 43, № 3, 2017, pp. 336-341	Bibiluri N. Eristavi D. Gogishvili A. Andguladze Sh. Kutsiava N.

11	The goal is less environmental damage	printed	Mag. „Wild Life”, № 4 (29), 2018, pp. 66-70	
12	Galvanic aluminization from low-temperature electrolyte of polymer materials prepared on the basis of secondary polypropylene	printed	Int. Scientific Conf. „Chemistry – Achievements and Prospects“, October 19-20, 2018, Book of Abstracts, GTU, Tbilisi, 2018, pp.165-166	Gasviani N. Kipiani G. Kokilashvili R. Ruadze G.
13	Environmental examination of natural objects and enterprises (Master's course)	el. version	GTU, 2019, CD-5473	
14	Environmental impact assessment (Bachelor's course)	el. version	GTU, 2019, CD-5474	
15	Project-ecological survey of industrial enterprises (Bachelor's course)	el. version	GTU, 2019, CD-5508	
16	Methodological approaches of resource-efficient and clean production for an apple processing enterprise	printed	Int. Scientific Conference „Sustainable Development and Protection of Environment“, November 11-12, 2019, Abstracts, GTU, Tbilisi, 2020, pp.109 -110	Jokhadze G.
17	Replication of resource-efficient and clean production methodology for an apple processing enterprise	printed	Int. Scientific Conference „Sustainable Development and Protection of Environment“, Works, GTU, Tbilisi, 2020, pp. 191-197	Jokhadze G.
18	On the issue of fragmentary revitalization of small rivers in urbanized territories in scale of Tbilisi City	printed	Int. Scientific-Practical Conference „Natural Resources of Georgia and Prospects of Sustainable Development of Productive Forces“, November 17-18, 2021, GTU, Tbilisi, Reviewable and peer-reviewed scientific journal „Productive Forces and Natural Resources of Georgia“, № 1 (2), Publishing House „Iverioni“, Tbilisi, 2022, pp. 92-111	Rostomashvili I. Tsulukidze L.
19	Regulation of the channels of small rivers and their tributaries passing within the City of Tbilisi by engineering and environmental measures on the example of the Aliskhevi river, a tributary of the Lochini river	printed	Georgian Technical University, Quarterly Publication „Works“, № 2 (524), Publishing House „Technical University“, Tbilisi, 2022, pp. 44-55	Tsulukidze L. Rostomashvili I.
20	Numerical simulation of changes in iron content in the bottom sediments of the Orkhevi river on the basis of field measurements and experimental data	printed	Georgian Technical University, Quarterly Publication „Works“, № 3 (525), Publishing House „Technical University“, Tbilisi, 2022, pp.150-156	Surmava A. Rostomashvili I.

21	Calculation of hydrochemical indexes of pollution of surface waters of microtributaries of the Kura river	printed	Int. scientific conference „Chemistry – achievements and perspectives“, Collection of abstracts, April 20, 2023, Tbilisi. Publishing House „Technical University“, Tbilisi, 2023, pp. 176-177	Jokhadze G. Rostomashvili I. Kokilashvili R.
22	Calculation of Hydrochemical Indexes of Surface Waters Pollution of Microtributaries of the Kura River-Lochini and Orkhevi	printed	„Chemistry – Achievements and Perspectives“, Collection of Scientific Works of the Int. Scientific Conf. dedicated to the 90 th anniversary of G.Tsintsadze, Tbilisi., Publishing House Technical University“, 2023, pp. 466-472	Jokhadze G. Rostomashvili I. Kokilashvili R. Pirtskhalava N.