

Georgian Technical University

Faculty of Civil Engineering

Scientific works list of Manon Kodua

N ^o	Autors	Publication title	Source title	Year
1.	Sh. Gagoshidze, I. Kadaria, A.Gogoladze, Ts. Giorgadze, M.Kodua	On channel processes in the downstream of the Rioni river watershed	Scientific-Technical Journal „Hydroengineering “ N ^o 1-2(13-14). 64-73	2012
2.	Sh. Gagoshidze, A. Gogoladze, M.Kodua	About the action of longitudinal waves on bank slopes of the soil channels	Scientific-Technical Journal „Hydroengineering“ # 1-2(15-16). 57-61	2013
3.	A.Sakvarelidze, N. Gudushauri, M. Kodua	Nfluence of Deformation Velocity on Strength of Concrete at Different Ages and Deformation Characteristics at Tension	Scientific-Technical Journal „Hydroengineering“ # 1-2(15-16). 66-69	2013
4.	Sh. Gagoshidze, A. Gogoladze, D. Razmarze M.Kodua	On TheMeasures To Protect The Coastal Strip At The Resort Anaklia	Proceeding of The 3 rd International Scitific-Tecnicl Conferece „The Modern Problems of Enviromental Protection, Architectureand construction" p.p.49-53	2013
5.	Gagoshidze sh Kodua M.	Hydraulic calculation method for sea bottom spillway sewers	<u>Electronic journal EOL</u> Energyonline N ^o 2(8), 2014	2014
6.	A. Sakvarelidze, N.Gudushauri, M.Kodua	nfluenceof Deformation velocityon strength and Deformation Characteristecs of Self -Compacting concreteat Tension	Scientific-Technical Journal “Building” #1(32);#1(32), 125-126	2014
7.	Gagoshidze Sh., Kodua M.	Transformation of Long Waves in the Seaside Estuary	Collection of scientific works of the State Engineering University of Armenia "BULLETIN" No. 1(17) N ^o 1(17). 44-50	2014
8.	Chichaghua P., Kalabegishvili M., Kodua M.	Analysis of Dam of Enguri Hpp Thermal Regime of Operational Period	Works of Georgian Technical University 2 2 (496), 96-106 http://publishhouse.gtu.ge/ge/index/2	2015

9.	Saghinadze I. Kadaria I. Kodua M.	Basic Data of Wind and Wave Regimes Poti Black Sea Region	Proceeding of The 5 th International Scitific-Tecnicl Conferece „TheModern Problems of Enviromental Protection, Architectureand construction". 244-248	2015
10.	Kodua M.	Calculation of Long Waves in the Equators of River Estuary	Scientific-Technical Journal „Hydroengineering “#1-2(21-22). 69-78	2016
11.	Gagoshidz Sh. Rurua L. Kodua M.	Measures of Restoring the Washed-Out City Poti Coast	Proceeding of the 6rd International Scitific-Tecnicl Conferece„TheModern Problems of Enviromental Protection, Architectureand construction" . 11-15	2016
12.	GagoshidzeSh., Kodua M., SaghinadzeI., Kadaria I	RIVER HYDRO CONSTRUCTION AND GEOMORPHOLOGICAL PROCESSES OF THE BLACK SEA COAST OF GEORGIA	Monograph Technical University, UDC 627.221.2. 192 p.	2017
13.	GagoshidzeSh., Kodua M., Saghinadze I., Rizhamnadze I	About the Distribution Along the Shore Waves of Marine and River Channels	scientific tech. Journal „Energy“ № 2(82). 75-81	2017
14.	Gagoshidze Sh. Kodua M. Giorgadze Ts.	Hydrotechnical construction in the Chorokhi River basin and geomorphological processes in the Black Sea region of Adjara	The 7rd International Scitific-Technical Conferece “The Modern Problems of Enviromental Protection, Architecture and construction"	2017
15.	Narimanidze N., Burchuladze T., OdiladzeM., Kodua M.	Analysis of theproblems of ensuring the reliability of information in theforming information society	Proceeding Archil Eliashvili Instituteof Control Systems of The Georgian Technical University№21, 178-180	2017
16.	Gagoshidze Sh., Kodua M. Mosavlidze I.	chapter4.10. To the calculation of the invasion of halocline in the mouths of rivers andin deep seaoutlet https://sites.google.com/view/eitgtu/home	ECOLOGY ENVIRONMENT VolumeI. EUROPEAN INNOVATIVE TECHNOLOGIES OF WATER SUPPLY AND WATER SUPPLY IN THE CONDITIONS OF THE SOUTH CAUCASUS. 479-494	2019
17.	Gagoshidze Sh., Kadaria,I. Saghinadze I., Kodua M., Mosavlidze I.	Causes of Destruction Of The Downstrem Pool of the Rioni Water Dividing Dam and the Ways of its Rehabilitation	Hydroengineering, #1-2(27-28), ISSN 1512-410X 57-66	2019

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18.	Saghinadze I, Kodua M.	A Mathematical Model of Sediment Transport of the Poti Coastal Zone with an impact factor	International Journal of Engineering Research and Technology. ISSN 0974-3154, Volume 12, Number 12, © International Research Publication House. http://www.irphouse.com 3041-3046	2019
19.	Saghinadze I. Kodua M. Pkhakadze M.	Numerical Computation of Wave Motions for Poti Coastal Zone with an impact factor	Bulletin of The Georgian National Academy of Sciences Moambe.ISSN - 0132 – 1447 V.14, n.3 . 88-93	2020
20.	Gagoshidze Sh, Kadaria I, Kodua M, Kakhadze G.	To Calculate the Scouring of Rock Foundations of a Block Structure By Water Flowsfalling from High Dams	Hydroengineering, N1-2 (29-30), 5-13 2021	2021
21.	Gagoshidze Sh., Kadaria I., Kodua M	On the expected impact of hydropower construction on the Chorokhi River on the stability of the Black Sea coast of Adjara.	Fromaseriesofmonographs “Ecologyoftheenvironment” Vol.II Europeanin novative technologiesin Environmental engineering Georgian Technical University. 104-113	2022
22.	Mestvirishvili Sh. Kodua M. Benashvili M.	Somethings about hail	Procedings nternational Conference of Young Scientists "Modern Problems of Earth Sciences" Tbilisi. . 169-172	2022
23.	Gagoshidze Sh., Kodua M.	On the Stability of Water Movement in Free-Flow Conduits of Circular Cross Section	BULLETIN OF HIGH TECHNOLOGY N3(22), 2022 51-61	2022
24.	Saghinadze I. Kodua M. Pkhakadze M	TheImpactof the newMoleof the Portof Poti on the Coastlineon Lythodynamic Processes	Works of GTU www.shromebi.gtu.ge 9 №4 (526), 98-106	2022
25.	Saghinadze I. Gagoshidze Sh., Kodua M.	A finite element method in the study of nearshore wave processes	BULLETIN OF HIGH TECHNOLOGY N4(23), 67-73	2022
26.	Shalva Gagoshidze, Elizbar Khatiashvili , Ivane Saghinadze , Manoni Kodua , Giorgi Kadaria	Environmental and Hydro-Engineering Problems on Georgia’s Black Sea Coast and the Ways of their Solution	HYDROENGINEERING N1-2 (31-32), 2022 ISSN 1512-410X. 7-25	2022
27.	Ivane Saghinadze , Manoni Kodua, Manana Pkhakadze	New Approach of Hydraulic Engineering Measures to Protect the Black Sea Poti Coastline from Erosion with an impact factor	BULLETIN OF THE GEORGIAN NATIONAL ACADEMY OF SCIENCES, vol. 17, no. 2, 21-27	2023

28.	Shota Mestvirishvili, Manon Kodua, Mamuka Benashvili	Effect of Bordeaux Mixture on the Origin of Hail	Journal of the Georgian Geophysical Society, e-ISSN: 2667-9973, p-ISSN: 1512- 1127 Physics of Solid Earth, Atmosphere, Ocean and Space Plasma, v. 26(1), 63-66	2023
29.	Gagoshidze Sh. N., Tokmajyan V.H., Kodua M.A Gabayan G.S.	To the Calculation Of Bank Protection Measures for Channels Slopes Exposed to Alongshore Waves	Bulletin of High Technology4 (28), 11-19	2023
30.	Ivane Saghinadze Manoni Kodua Manana Pkhakadze	The Influence of the New Breakwater of Poti Port on Litho-dynamics of the Coastline with an impact factor	International Journal of Engineering Trends and Technology Volume 72 Issue 5, 227-231, May 2024. ISSN: 2231-5381 / https://doi.org/10.14445/22315381/IJETT-V72I5P123 © 2024 Seventh Sense Research Group®	2024
31.	Manoni Kodua Mari Tebidze	Account of Breakwater Concrete Blocks on the Tetrapod Example	Works of GTU www.shromebi.gtu.ge №2 (532), 244-255	2024

Participation in scientific events

	Scientific event name	Title of the presentation	Event venue and data
1	The 3rd International Scientific-Technical Conference "The Modern Problems of Environmental Protection, Architecture and construction"	On the Measures To Protect The Coastal Strip At The Resort Anaklia	Borjomi, Georgia 2013 29 July - 4 August
2	The 4th International Scientific-Technical Conference "The Modern Problems of Environmental Protection, Architecture and construction"	On research aspects of a new-type floating wave damping hydro-technical complex for protection of coastal line and open ports from storm waves	Tbilisi, Georgia Georgian Technical University 2014, 27-30 September
3	The 4th International Scientific-Technical Conference "The Modern Problems of Environmental Protection, Architecture and construction"	Hydraulic calculation method for sea bottom spillway sewers	Tbilisi, Georgia Georgian Technical University 2014, 27-30 September
4	2-nd Steering Committee meeting, Integrated Coastal Monitoring of Environmental Problems in Sea Region and the Ways of their Solution (ICME)	The geomorphological processes in the coastal zone of Poti and the Ways of their solution	Trabzon, Turkey 2014, 25-29 November
5	The 5th International Scientific-Technical Conference, "The Modern Problems of Environmental Protection, Architecture and construction"	BASIC DATA OF WIND AND WAVE REGIMES POTI BLACK SEA REGION	Tbilisi, Georgia Georgian Technical University 2015, 14-15 July
6	3-nd Steering Committee meeting, Integrated Coastal Monitoring of Environmental Problems in Sea Region and the Ways of their Solution (ICME)	The Main Results of Compilation of Basic Data of Seawater Pollution and Sediment Migration in the Poti Port Region of Georgia and Development of Appropriate Mathematical Models for their Calculation	Yerevan, Armenia 2015, 20-21 oct.
7	European Geosciences Union General Assembly 2016	Applied Analytical Methods for Solving Some Problems of Wave Propagation in the Coastal Areas	Vienna, Austria 2016, 17-22 Apr.
8	European Geosciences Union General Assembly 2016	Hydro-engineering and environmental problems in Poti Black Sea region and ways of their solution	Vienna, Austria 2016, 17-22 Apr.
9	The 6th International Scientific - Technical Conference, "The Modern Problems of Environmental Protection, Architecture and construction"	MEASURES OF RESTORING THE WASHED-OUT COAST OF THE CITY OF POTI	Tbilisi, Georgia Georgian Technical University 2016 22-25 September
10	European Geosciences Union General Assembly 2017	To the restoration of the washed-out sea coast of the city Poti	Vienna, Austria 2017, 23-28 Apr

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11	The 7rd International Scientific - Technical Conferee „The Modern Problems of Environmental Protection, Architecture and construction"	Hydrotechnical construction in the Chorokhi River basin and geomorphological processes in the Black Sea region of Adjara	Tbilisi, Georgia Georgian Technical University 2017 , 22-25 August
12	6th International Conference on Estuaries and Coasts	Numerical Computation of Wave Motions in Poti Coastal Zone of Black Sea http://lusac.unicaen.fr/colloque-icec-2018/	Caen, France 2018 20-23 august
13	Dedicated to Professor KartsivadzeII International Symposium "Earthquake Resistanceand Engineering Seismology"	For thecapital rehabilitation of theruineddownstream dam of the Rioni River watershed	Tbilisi, Georgian Technical University 2019 , 16-17 January
14	International scientific-practical seminar "European innovative water supplyand waste waterdisposal technologies in theSouth Caucasus".	To the calculation of halocline invasion in the mouths of rivers and in deep sea outfalls	Tbilisi, Georgian Technical University 2019 , 26-29 March
15	European Innovative Technologies in the Construction and Environmental Engineering	On the expected impact of hydropower construction on the Chorokhi River on the stability of the Black Sea coast of Adjara.	Tbilisi, Georgian Technical University 28- 31 July, 2021
16	International Conference of Young Scientists "Modern Problems of Earth Sciences" , Tbilisi, Georgia, November 21-22, 2022	Some things about hail	Tbilisi, Ivane Javakhishvili Tbilisistate University 21-22 November, 2022
17	Contribution to the Theory of Undular Bores.A Journey around the Korteweg-de Vries Equation	IAHR Water Monographs Webinar 1	International Association for Hydro-Environment Engineering and Research November 25, 2022
18	2nd International Conference DESIGN AND MANAGEMENT OF PORT, COASTAL AND OFFSHORE WORKS	Protection of the Poti Coastal Zone From Erosion Using Submerged Breakwaters	Thessaloniki, Greec Aristotle University 23-27 May, 2023
19	2ndInternational Conference"Problems of Engineering Sciences"	The Impact of The Breakwater Under Construction At The Rioni River Northern Channel's Estuary Area on Sediments Along-Bank Movement	Batumi, Shota Rustaveli State University 2-8 September, 2023

20	International Scientific Conference "Geophysical Processes in the Earth and its Envelopes" Tbilisi, Georgia, November 16-17, 2023	Research of Gas Inflow on the Black Sea Shelf Near Batumi Area	Tbilisi, Georgia, November 16-17, 2023
21	International Scientific Conference "Geophysical Processes in the Earth and its Envelopes" Tbilisi, Georgia, November 16-17, 2023	Impact of the Bordeaux Copper on the Environment of the Vinery Region	Tbilisi, Georgia, November 16-17, 2023
22	European Geosciences Union General Assembly 2024	Reasons of changes sediment movement near the Rioni river estuary	Vienna, Austria 2024, 14-19 Apr.
23	11 th International Scientific-Technical Conferece „The Modern Problems of Environmental Protection, Architecture and construction"	Computational analysis of Wave Motions near the estuaries along the Rioni River	Tbilisi, Georgia Georgian Technical University Water management Institute. 12-16 July, 2024
24	The international conference "From Theory to Applied Geography - GSG100"	Changes in River Deltas of the Black Sea Basin Due to Flow Regulation and Economic Activity	Tbilisi, TSU, Vakhushti Bagrationi Institute of Geography November 06-07, 2024