

Title of the paper	Author (s)	Type of publication (monograph, textbook, article, conference proceedings)	Publishing house / magazine name, publication date / magazine number, pages
Study of Rustavi City Atmospheric Pollution with Particulate Matter - PM2.5 and PM10	N. Gigauri, L. Intskirveli, A. Surmava	article	BULLETIN OF THE GEORGIAN NATIONAL ACADEMY OF SCIENCES, 2023, vol. 17, no. 4, pg. 74-80
Numerical modelling of PM10 distribution in the atmosphere of Rustavi city (Georgia) during the background north wind	N. Gigauri, A. Surmava, L. Intskirveli	conference proceedings	5 Euro-Mediterranean Conference for Environmental Integration EMCEI 2023
Assessment of Pollution of the Rustavi city's Atmosphere with Microaerosols	N. Gigauri, A. Surmava	conference proceedings	XVII. international research conference proceedings, 2023, pg. 7-10
INVESTIGATION OF PM PARTICLE POLLUTION OF THE ATMOSPHERE OF THE CITIES OF TBILISI AND RUSTAVI	A. Surmava, N. Gigauri, L. Intskirveli	conference proceedings	International Scientific Conference "Geophysical Processes in the Earth and its Envelopes" Proceedings, 2023, pg. 307-311
A Time Variation of the PM2.5 and PM10 Concentrations According to the Kutaisi Atmospheric Air Pollution Monitoring Network Data	Aleksandre Surmava, Natia Gigauri, Vepkhia Kukhalashvili, Liana Intskirveli	conference proceedings	International Scientific Conference "Geophysical Processes in the Earth and its Envelopes" Proceedings, 2023, pg. 297-301
FIELD OF CONCENTRATION OF PM2.5 AND PM10 IN KUTAISI ATMOSPHERE OBTAINED BY EXPERIMENTAL MEASUREMENTS	Surmava A., Gigauri N., Kukhalashvili V., Intskirveli L.	conference proceedings	International Scientific Conference "Geophysical Processes in the Earth and its Envelopes" Proceedings, 2023, pg. 302-306
Numerical modeling of PM10 distribution in the atmosphere of Rustavi city during westerly background wind	N. Gigauri, A. Surmava, L. Intskirveli	conference proceedings	International Scientific Conference „Modern Problems of Ecology“, 2023, V. 9, pg. 63-67

Numerical Modeling of PM10 Propagation in Rustavi City Atmosphere During the Southern Background Wind	N. Gigauri, A. Surmava, L. Intskirveli, M. Pipia	conference proceedings	International Conference "Geography-Past, Present, Future Challenges", 2023, Vol.3 (2), pg.
Investigation of the pollution of the atmosphere of Rustavi with PM particles	N. Gigauri, A. Surmava, L. Intskirveli, M. Pipia	conference proceedings	Proceedings of the International Scientific Conference "Chemistry Achievements and Prospects" dedicated to the 90th anniversary of Academician Givi Tsintsadze's birth, 2023
Study of the spread of PM2.5 in the atmosphere of Rustavi and its environs	Surmava A., Gigauri N., Intskirveli L., Gverdsiteli L.	article	Scientific Reviewed Proceedings of the Institute of Hydrometeorology of the Gtu : Vol.No 133. – 2023. - pg. 82-88
Numerical Modeling of Dust Distribution in the Atmosphere of Tbilisi in Winter with Light Westerly and Easterly Winds	A. Surmava, L. Gverdsiteli, L. Intskirveli, N. Gigauri	article	Scientific Reviewed Proceedings of the Institute of Hydrometeorology of the Gtu : Vol.No 132. – 2022. - p 49-56.
Numerical and Experimental Investigation of Particulate Matters 2.5 and 10 Distribution in Tbilisi City Atmosphere	Vepkhia Kukhalashvili, Aleksandre Surmava, Natia Gigauri, Liana Intskirveli, Demuri Demetrashvili	article	BULLETIN OF THE GEORGIAN NATIONAL ACADEMY OF SCIENCES, vol. 16, no. 3, 2022, pg. 60-67
Study of Tbilisi City Atmosphere Pollution with PM2.5 and PM10-Microparticles During Covid-19 Pandemic Period	V.G. Kukhalashvili, M.G. Pipia, N.G. Gigauri, A.A. Surmava, L.N. Intskirveli	article	Journal of the Georgian Geophysical Society, Physics of Solid Earth, Atmosphere, Ocean and Space Plasma, v. 25(2), 2022, pg. 29-37
NUMERICAL MODELING OF THE MESOSCALE ATMOSPHERIC PROCESSES AND AIR POLLUTION IN THE KARTLI REGION	Surmava A., Kordzakhia G. Intskirveli L., Gigauri N.	conference proceedings	International Scientific Conference „Modern Problems of Ecology“, 2022, pg. 79-83
Pollution of the atmospheric air of Kvemo Kartli by microaerosols	N. Gigauri, L. Intskirveli	conference proceedings	International Scientific Conference „Modern Problems of Ecology“, 2022, pg. 40-44

EVALUATION OF THE CONTENT OF MICROPARTICLES IN THE ATMOSPHERE OF RUSTAVI BY EXPERIMENTAL MEASUREMENTS	Gigauri N., Pipia M., Beglarashvili N., Mdivani S.	conference proceedings	International Conference of Young Scientists "Modern Problems of Earth Sciences" Proceedings, 2022, pg. 97-101
EVALUATION OF THE CONTAMINATION OF THE ATMOSPHERE OF RUSTAVI WITH MICROPARTICLES BY NUMERICAL MODELING	Gigauri N., Surmava A.	conference proceedings	International Conference of Young Scientists "Modern Problems of Earth Sciences" Proceedings, 2022, pg. 102-106
ОЦЕНКА ЗАГРЯЗНЕНИЯ АТМОСФЕРЫ Г. РУСТАВИ МИКРОАЭРОЗОЛЯМИ	Н.Г. Гигаури, Н.Г. Бегларашвили, Л.Н. Инцкирвели	conference proceedings	Международная научно-практическая конференция LXXV Герценовские чтения География: развитие науки и образования, 2022, 2 том, ст. 36-40
Investigation of PM2.5 and PM10 distribution in Tbilisi atmosphere by measurements and computer modeling	A. Surmava, L. Intskirveli, N. Gigauri, V. Kukhalashvili	monograph	Institute of Hydrometeorology of the Georgian Technical University, 2021, 92 p.
Numerical modeling of PM2.5 propagation in Tbilisi atmosphere in winter.1. A case of background north light wind	A.Surmava, V.Kukhalashvili, L.Intskirveli, N.Gigauri, S.Mdivani	article	International Scientific Conference Natural Disasters in the21st Century: Monitoring, Prevention, Mitigation, Proceedings, 2021, pp.68-73
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Numerical Simulation of Dust Distribution in City Tbilisi Territory in the Winter Period	Aleksandre A. Surmava, Leila V. Gverdsiteli, Liana N. Intskirveli, Natia G. Gigauri	article	Journal of the Georgian Geophysical Society, Physics of Solid Earth, Atmosphere, Ocean and Space Plasma, 2021, v. 24(1), pp. 37-43
Investigation of Tbilisi City Atmospheric Air Pollutionwith PM in Usual and Emergency Situations Using the Observational and Numerical Modeling Data	Natia Gigauri, Sophio Mdivani, Vepkhia Kukhalashvili, Aleksandre Surmava, Liana Intskirveli	conference proceedings	XV International research conference proceedings, Open science index 15, 2021, pp.21-26

Numerical Modelling of Dust Propagation in the Atmosphere of Tbilisi City in Case of Western Background Light Air	N. Gigauri, V. Kukhalashvili, A. Surmava, L. Intskirveli, L. Gverdtsiteli	conference proceedings	X International research conference proceedings, Part X, 2021, pp.1125-1129
Analysis of PM Particles Content in the Air of Tbilisi Under Pandemic Conditions	L.N. Intskirveli, V.G. Kukhalashvili, V.K. Sesadze. A.A. Surmava, N.G. Gigauri	conference proceedings	Collection of articles on the materials of Scientific-Practical Conference LXXIV Herzen Reading, 2021, Vol.2, pp.63-67
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An Investigation of the Tbilisi City Atmosphere Pollution by Analysis of the Observation Data and Numerical Modeling Results	A. Surmava, L. Intskirveli, N. Gigauri, V. Kukhalashvili	conference proceedings	Scientific enquiry in the contemporary world: theoretical basics and innovative approach. Conference Proceedings. B&M Publishing, 2020, vol. 8, N7, pp.1222-1228
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Numerical Simulation Of The Possible Pollution Of The Caucasion Region In Case Of The Hypothetical eruption of iod-131 from the Armenian nuclear power plant	A.Surmava, L.Intskirveli, N.Gigauri, S.Giorgadze, G.Kvinikadze, A.Melia	conference proceedings	Transactions of The International Scientific Technical Conference "Pressing Problems In Hydrometeorology and Ecology", 2013, v.119, pp.299-302