



Niko Gaphrindashvili

Position

Scientist of Al. Janelidze Institute of Geology of Iv. Javakhsishvili Tbilisi State University, Department of Environmental Protection.

Scientific/academic degree, title

Doctor of Ecology (2019). Title of Doctoral Thesis: “Assessment of Geomorphological and Geodynamic Changes and Risks Regarding to Development of Marine Infrastructure in the Black sea coast of Georgia”.

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Education

2016-2019 - St. Andrew the First-Called Georgian University of the Patriarchate of Georgia, School of Business, Computing and Social Sciences. – Doctor of Ecology.

2014-2016 - St. Andrew the First-Called Georgian University of the Patriarchate of Georgia, School of Informatics, Mathematics and Natural Sciences. Master of Ecology.

2010-2014 – Iv. Javakhsishvili Tbilisi State University, Faculty of Exact and Natural Sciences. Bachelor of Ecology.

Employment history

2022 - up to days - Scientist, Al. Janelidze Institute of Geology of Iv. Javakhsishvili Tbilisi State University, Department of Environmental Protection.

Research interests

Ecology, environmental protection, ecology of the black sea, protection of the coasts, waste management, geology, geomorphology, oceanology, monitoring of the environment, environmental impact assessment, field research, field research methods, hydropowers, dams hydrology and bathymetry, computer modeling.

Publications

1. *Gelashvili N.E., Maisuradze G.V., Janashvili N.D., Machitadze N.O, Gaprindashvili N.G., Gvakharia V.G.* (2019). Level of Oil Hydrocarbons and their Distribution within the Deep Layers of Bottom Sediments of Batumi Coast Guard Harbor and the North Part of Port of Poti. The International Scientific Conference "Environmental Protection and Sustainable Development" dedicated to Professor Victor Eristavi's Memory. Tbilisi, Georgia. 2019, 11-12 November. Georgian Technical University. Works. 2020. Pp.254-255. ISBN 978-9941-8-2009-0 (in Georgian).
2. *Machitadze N., Gvakharia V.G, Gelashvili N.E, Gaprindashvili N.G. and Papashvili I.G.* (2019).Content and Distribution of Metals in Bottom Sediment Deep Layers of Sea Area of Poti Northern Port. The International Scientific Conference "Environmental Protection and Sustainable Development" dedicated to Professor Victor Eristavi's Memory. Tbilisi, Georgia. 2019, 11-12 November. Georgian Technical University. Works. 2020. Pp. 249-253. ISBN 978-9941-8-2009-0 (in Georgian).
3. *Gaprindashvili N. G, Gvakharia V.G., Machitadze N. O., Gelashvili N. G., Papashvili I.G.* (2019). Assessment of Accumulation Processes in the Sea Area of Poti Northern Port. The International Scientific Conference "Environmental Protection and Sustainable Development" dedicated to Professor Victor Eristavi's Memory. Tbilisi, Georgia. 2019, 11-12 November. Georgian Technical University. Works. 2020. Pp. 199-201. ISBN 978-9941-8-2009-0. (in Georgian).
4. *N. Machitadze, N. Gelashvili, V. Gvakharia, K. Bilashvili, V. Trapaidze, N. Gaprindashvili, A. Maglakelidze* (2018). Monitoring of Marine Beach and Riverine Floating Litter within Georgian Black Sea Coastal Area. Journal of Environmental Protection and Ecology. Vol. 19, No 2, 583-591. <http://www.jepe-journal.info/journal-content/vol-19-no-2-1>
5. *N. Gaprindashvili, I. Papashvili, N. Machitadze, N. Gelashvili, V. Gvakharia.* (2018). Assessment of Lithodynamic Status of Batumi - Gonio Coastline. Georgia Chemical Journal. 2018. Vol. 18, No1. Pp. 223-228. ISSN 1512-0686. (in Georgian).
6. *N. Gaprindashvili, N. Machitadze, V. Gvakharia, I. Papashvili, G. Kavlashvili.* (2018). Evaluation of Deformation of Poti Underwater Canion. Georgia Chemical Journal. 2018. Vol. 18, No1. Pp. 117-222. ISSN 1512-0686. (in Georgian).
7. *N. Machitadze, N. Gaprindashvili, L. Zazadze, N. Gelashvili, V. Gvakharia.* (2018). Evaluation of Marine Litter on the Georgian Black Sea Beaches. Georgia Chemical Journal. 2018. Vol. 18, No1. Pp. 111-116. ISSN 1512-0686. (in Georgian).

Citation index

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Participation in scientific events

1. Content and distribution of metals in bottom sediments deep layers of sea area of Poti northern port. Machitadze N., Gvakharia V., Gelashvili N., **Gaprindashvili N.**, Papashvili I. (2019)The International Scientific Conference "Environmental Protection and Sustainable Development" dedicated to Professor Victor Eristavi's Memory. Tbilisi, Georgia 2019. 11-12 November, Georgian Technical University. Abstracts. Pp. 144-145. (in Georgian).
2. Level of oil hydrocarbons and their distribution within the deep layers of bottom sediments of Batumi coastal guard harbor and the north part of port of Poti. Gelashvili N., Maisuradze G., Janashvili, Machitadze N., **Gaprindashvili N.**, V. Gvakharia (2019) The International

- Scientific Conference "Environmental Protection and Sustainable Development" dedicated to Professor Victor Eristavi's Memory. Tbilisi, Georgia, 2019. 11-12 November, Georgian Technical University. Abstracts. Pp. 143-144. (in Georgian).
3. Assessment of accumulation processes in the sea area of Poti northern port. **Gaphrindashvili N.**, V. Gvakharia V., Machitadze N., Gelashvili N., Papashvili I. (2019). International Scientific Conference "Environmental Protection and Sustainable Development" dedicated to Professor Victor Eristavi's Memory. Tbilisi, Georgia, 2019. 11-12 November, Georgian Technical University. Abstracts. Pp. 115-117. (in Georgian)
 4. Ecological Characteristics of the Soils of Western Georgia. **N. Gaprindashvili** (2018). Agracultural University of Georgia, Mikheil Sabashvili Institute of Soil Science, Agrochemistry and Melioration. 1st National Student Conference in Soil Sciences. 10-14 December, 2018, Tbilisi, Georgia.
 5. N. Machitadze, N. Gelashvili, V. Gvakharia, K. Bilashvili, V. Trapaidze, **N. Gaprindashvili**, A. Maghlakelidze (2017). Monitoring of Marine Beach and Reverie Floating Litter within Georgian Black Sea Coastal Area. International Symposium "Protection of the Black Sea Ecosystem and Sustainable Management of Maritime Activities" PROMARE 2017. 8th Edition. Book of Abstracts. Pp. 126 – 127.
 6. N. Machitadze, N. Gelashvili, V. Gvakharia, A. Maghlakelidze, **N. Gaprindashvili** (2016). Monitoring of Beach Litter within Georgia's Black Sea Coast. Power of Geology is the Precondition for Regeneration of Economics. International Scientific–Practical Conference on up-to Date of Geology. 19 – 20 May 2016, Tbilisi, Georgian Technical University. Book of Abstracts. Pp. 85-89

Additional information

Training courses

1. "Ozone National Group" of the ministry of Environment of Georgia., UNDP, "Problems of Ozone Layer and Climate Changes". 30.04.2011; Tbilisi, Georgia;
2. Training course for Environmental Menegers. 7 November – 2 drcember, 2016, Scientific Research Firm GAMMA“, Tbilisi Georgia;
3. BP exploration; NRC; Oiled Wildlife Response Training 20 th June , 2019; Tbilisi, Georgia.