



**Akaki Maglakelidze**

**Position**

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

**Scientific/academic degree, title**

Master of Geology (2019). Master Thesis title: „Hydrogeochemical Assessment of Shovi Carbon Dioxide Mineral Water Deposit”.

Ph.D. candidate of Georgian Technical University, Faculty of Mining and Geology (2019). Doctoral thesis title: „Study of the potential of the Nabeglavi mineral water deposit, in order to increase reserves“.

**Contact information**

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**Education**

2012-2016 - Georgian Technical University, Faculty of Mining and Geology, Bachelor of Geology.

2017-2019 - Georgian Technical University. Faculty of Mining and Geology, Degree Master of Geology.

2019 up to date - Ph.D. candidate of Georgian Technical University, Faculty of Mining and Geology.

**Employment history**

2021 - up to date - Al. Janelidze Institute of Geology of Iv. Javakhishvili Tbilisi State University, Department of Environmental Protection. Scientist;

2019 - up to date - LTD GAMMA Consulting, Hydrologeologist, Scientist.

**Research interests**

- Mineral and thermal underground waters, hydrogeological and hydrochemical researches;
- Investigations and assessments of underground water deposits, elaboration and implementation of audit/monitoring programs;
- Assessment, identification of riverine and marine litter; elaboration and implementation of marine litter monitoring programs.

### Publications

1. **A. Maglakelidze** (2022). RESULTS OF THE STUDY OF GASES IN MINERAL WATERS OF THE NABEG". Georgian Engineering News; pp. 116-122. ISSN 1512-0287 DOI:<https://doi.org/10.36073/1512-0287>. (in Georgian).
2. **A. Maglakelidze** (2021). Hydrochemical Characterization of Nabeghlavi Underground Mineral Waters. Georgian Technical University (GTU) Works №4 (522) 2021. pp. 71-77 . ISSN 1512-0996. <https://doi.org/10.36073/1512-0996-2021-4-71-79>. (in Georgian).
3. **A. Maglakelidze** (2021). An Overview of Hydrogeological Works at Nabeghlavi Mineral Water Deposit and Replenishment of the Natural Resources of the Deposit by Atmospheric Precipitation. Georgian Technical University (GTU) Works №4 (522) 2021. pp. 62-68. ISSN 1512-0996. <https://doi.org/10.36073/1512-0996-2021-4-71-79> (in Georgian)
4. *Jgamadze A.K; Maglakelidze A.V; Adamia T.M; Gvakharia V.G.* (2020). Present Conditions of Shovi Carbon Dioxide Mineral Water Deposit. 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 2020. №3. 197-198. ISBN 978-9941-8-2009-0. (in Georgian).
5. *V. Gvakharia, A. Jgamadze, J. Gabechava, T. Adamia, D. Chkhaidze, T. Jebashvili, D. Sozashvili, B. Lebanidze, A. Maglakelidze.* (2018). Assessment of exploitation reserves of Nabeghlavi Mineral Water deposit. Annals of Agrarian Science Volume 16, Issue 1, March 2018, Pages 352-356. <http://www.journals.elsevier.com/annals-of-agrarianscience>.
6. *V. Gvakharia, A. Jgamadze, J. Gabechava, T. Adamia, D. Chkhaidze, T. Jebashvili, D. Sozashvili, B. Lebanidze, A. Maglakelidze.* (2018). Uraveli mineral spring and its exploration for industrial development. Annals of Agrarian Science Annals of Agrarian Science Volume 16, Issue 3, September 2018, Pages 27-31. [www.elsevier.com/locate/aasci](http://www.elsevier.com/locate/aasci)
7. *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, N 2, Pp. 583-591. ISSN 1311-5065. <http://www.jepe-journal.info/journal-content/vol-19-no-2-1>.
8. *V. Gvakharia, J. Gabechava, T. Adamia, A. Jghamadze, B. Lebanidze, D. Sozashvili, A. Maglakelidze, T. Jebashvili* (2016). Operation And Environmental Protection Report of Tskaltubo Thermomineral Water Deposit. International Scientific Practical Conference "Modern Technologies and Environment" 19-20 May, 2016 Kutaisi, Georgia. Proceedings. Vol II Pp 434-436, 2016. ISBN 978-9941-453-91-5. [https://atsu.edu.ge/images/pdf/krebulebi/tom\\_iMETEP%202016.pdf](https://atsu.edu.ge/images/pdf/krebulebi/tom_iMETEP%202016.pdf) (in Georgian).

### Citation index

Web of science - 5, H-index -1; Google scholar - 4, H - 1.

### *Participation in scientific events*

1. Hydrochemical Characteristics of Nabeghlavi Mineral Waters Production Wells. **A. Maghlakelidze** (2021). The Development of Mining and Geology Is the Precondition for the Revival of Economy. Mineralogical Society of Georgia G. Tsulukidze Mining Institute Georgian Technical University. 28-29 October 2021. Book of Abstract. pp. 68-69.  
<http://www.msgeorgia2012.com/files/SUL%20BOLO%20TEZISEBI2021.pdf>
2. Present Conditions of Shovi Carbon Dioxide Mineral Water Deposit. A. Jgamadze, **A. Maghlakelidze**, T. Adamia, 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. Book of Abstracts, P. 114-115. (Georgian).
3. Monitoring of Beach Litter within Georgia's Black sea Coast“ N. Machitadze, N. Gelashvili, V. Gvakharia, **A. Maghlakelidze**, N. Gaprindashvili (2016). Power of Geology is the Preconditions for Regeneration of Economics. International Scientific–Practical Conference on up-to date Problems of Geology. Tbilisi, Georgia. 2016, 19 – 20 May. Mineralogical Society of Georgia. Georgian Technical University. Book of Abstracts. Pp. 85-89. ISBN 978-9941-20-649-8.

### *Additional information*

2020 - up to date – Member of International Association of Hydrogeologists. №141667.