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Образование

Учреждение	Ереванский государственный университет
Факультет	Биологический
Дата	1982 - 1985
Степень / Звание	Аспирант

Учреждение	Ереванский государственный университет
Факультет	Биологический /отделение биохимии
Дата	1977 - 1982
Степень / Звание	Квалифицированный специалист

Ученое звание/Ученая степень

Учреждение	Ереванский государственный университет
Дата	2008
Степень / Звание	Доцент

Учреждение	Ереванский государственный университет
Дата	1990
Степень / Звание	Кандидат наук
Научный руководитель	Давтян М. А.
Научная тема	Изоэнзимы аргиназы и процесс биосинтеза пролина в регенерирующей печени крыс, К.005.01.08

Знание языков

Հայերեն Русский English

Опыт работы

Учреждение	Ереванский государственный университет

Период времени	2023 - 2024
Звание/степень	Заведующая кафедрой экологии и охраны природы

Учреждение	Ереванский государственный университет
Период времени	2008 до настоящего времени
Звание/степень	Доцент кафедры экологии и охраны природы биологического факультета

Учреждение	Ереванский государственный университет
Период времени	2007 - 2008
Звание/степень	Заведующая отделом повышения квалификации преподавателей ЕГУ

Учреждение	Ереванский государственный университет
Период времени	2002 - 2008
Звание/степень	Ассистент кафедры экологии и охраны природы биологического факультета

Учреждение	Ереванский государственный университет
Период времени	2000 - 2002
Звание/степень	Ассистент кафедры биохимии биологического факультета

Учреждение	Ереванский государственный университет
Период времени	1994 - 2004
Звание/степень	Научный сотрудник

Учреждение	Ереванский государственный университет
Период времени	1985 - 2000
Звание/степень	Старший лаборант кафедры биохимии биологического факультета

Участие в международных конференциях и семинарах

12/09/2023 - 17/09/2023	III Международная научная конференция «Современное состояние чернозёмов» Южный федеральный университет Российская Федерация
08/07/2012 - 12/07/2012	International Conference of Agricultural Engineering CIGR-AgEng CIGR International Commission of Agricultural and Biosystems Engineering Испания
17/07/2011 - 21/07/2011	4th International Conference “Enzymes in the Environment: Activity, Ecology & Applications” Justus Liebig University Германия

Публикации

Статья

Seed nanopriming as a strategy to mitigate salinity stress: Physiological, biochemical, and molecular mechanisms

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Application of Advanced Methods for the Assessment of Irrigation Suitability of Groundwater: A Case Study of Armavir Region, Armenia

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In-depth Exploration of Nanoparticles for Enhanced Nutrient Use Efficiency and Abiotic Stresses Management: Present Insights and Future Horizons
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Biogeochemical and microscopic studies of soil and Phragmites australis (Cav.) Trin. ex Steud. plants affected by coal mine dumps
Karen Ghazaryan, Hasmik Movsesyan, Tatiana Minkina, Grigoriy Fedorenko, Dina Nevidomskaya,

Aleksei Fedorenko, Svetlana Sushkova, Saglara Mandzhieva, Victor Chaplygin, Yuri Litvinov, Yuri Popov,

Christopher Rensing, Vishnu D. Rajput, Ming H. Wong

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The identification of phytoextraction potential of Melilotus officinalis and Amaranthus retroflexus growing on copper- and molybdenum-polluted soils
Karen A. Ghazaryan, Hasmik S. Movsesyan, Tatiana M. Minkina, Svetlana N. Sushkova, Vishnu D. Rajput

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Adaptive potential of Typha laxmannii Lepech to a heavy metal contaminated site
Tatiana M. Minkina, Grigoriy M. Fedorenko, Dina G. Nevidomskaya, Yuri A. Fedorov, Tatiana N. Pol’shina,

Aleksei G. Fedorenko, Victor A. Chaplygin, Saglara S. Mandzhieva, Karen A. Ghazaryan,

Hasmik S. Movsesyan, Tara M. Hassan

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Influence of soil pollution on the morphology of roots and leaves of Verbascum thapsus L
Victor Chaplygin, Natalia Chernikova, Grigorii Fedorenko, Aleksei Fedorenko, Tatiana Minkina,

Dina Nevidomskaya, Saglara Mandzhieva, Karen Ghazaryan, Hasmik Movsesyan, Vladimir Beschetnikov

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Конференция

Mechanism of hyperaccumulation of heavy metals by of Verbascum thapsus from soil

Chernikova Natalia, Chaplygin Victor, Nevidomskaya Dina, Ghazaryan Karen, Mandzhieva Saglara, Minkina Tatiana, Movsesyan Hasmik, Glinushkin Alexey, Kalinichenko Valery, Beschetnikov Vladimir, Sazonov Ilia

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Конференция

Study of soil salinization process in the semi-arid agricultural areas of Masis region, Armenia
Ghazaryan Karen, Movsesyan Hasmik, Khachatryan Hrant

2021 46-47

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ZnO and CuO nanoparticles: a threat to soil organisms, plants, and human health
Vishnu Rajput, Tatiana Minkina, Svetlana Sushkova, Arvind Behal, Alexey Maksimov, Eliza Blicharska, Karen Ghazaryan, Hasmik Movsesyan, Natalia Barsova

Environmental Geochemistry and Health 2020 147–158

Статья

Comparative hydrochemical assessment of groundwater quality from different aquifers for irrigation purposes using IWQI: a case-study from Masis province in Armenia
Karen Ghazaryan, Hasmik Movsesyan, Aram Gevorgyan, Tatiana Minkina, Svetlana Sushkova, Vishnu Rajput, Saglara Mandzhieva

Groundwater for Sustainable Development 2020 1-21,100459

Статья

Soil salinization in the agricultural areas of Armenian semi-arid regions: case study of Masis region
Ghazaryan K.A., Gevorgyan G. A., Movsesyan H.S., Khachatryan H.E.

Proceedings of the YSU B Chemical and Biological Sciences 2020 159–167

Статья

Հողի ֆերմենտային ակտիվության ցուցանիշների կիրառական ասպեկտները
Խաչատրյան Հ.Է., Ղազարյան Կ.Ա., Մովսեսյան Հ.Ս.

Biological Journal of Armenia 2020 65-71

Статья

SOIL MICROBIAL BIOMASS AND ENZYME ACTIVITIES RESPONSE TO COPPER AND MOLYBDENUM POLLUTION IN THE VICINITY OF ZANGEZUR COPPER AND MOLYBDENUM COMBINE, ARMENIA
Ghazaryan K.A., Movsesyan H.S.

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Статья

Study of copper, lead, and zinc speciation in the Haplic Chernozem surrounding coal-fired power plant
Marina Burachevskaya, Tatiana Minkina, Victor Chaplygin, Tatiana Bauer, Victor Chaplygin, Inna Zamulina, Svetlana Sushkova, Alexey Fedorenko, Karen Ghazaryan, Hasmik Movsesyan, Denis Makhinya

Applied Geochemistry 2019 102-108

Статья

Copper phytoremediation potential of wild plant species growing in the mine polluted areas of Armenia

Ghazaryan Karen, Movsesyan Hasmik, Ghazaryan Naira, Watts Beatriz Amanda

Environmental Pollution 2019 491-501

Статья

The role of biochar-microbe interaction in alleviating heavy metal toxicity in Hordeum vulgare L. grown in highly polluted soils

Gorovtsov Andrey, Vishnu Rajput, Minkina Tatiana, Mandzhieva Saglara, Sushkova Svetlana, Kornienko Igor, Tatiana V. Grigoryeva, Chokheli Vasily, Aleshukina Iraida, Zinchenko Vladislav, Fedorenko Elena, Movsesyan Hasmik

Applied Geochemistry 2019 93-101

Статья

Copper phytoextraction and phytostabilization potential of wild plant species growing in the mine polluted areas of Armenia

Karen A. Ghazaryan, Hasmik S. Movsesyan, Hrant E. Khachatryan, Naira P. Ghazaryan, Tatiana M. Minkina, Svetlana N. Sushkova, Saglara S. Mandzhieva, Vishnu D. Rajput

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Статья

THE IMPACT OF ZANGEZUR COPPER AND MOLYBDENUM COMBINE ACTIVITIES ON THE POLLUTION OF AGRICULTURAL LANDS AND CROPS BY TOXIC ELEMENTS

K.A. Ghazaryan, H.S. Movsesyan, H.E. Khachatryan, T.G. Leah, H.G. Zhamharyan

Proceedings of the YSU B Chemical and Biological Sciences 2019 119-125

Статья

Ֆիտոռեմեդիացիան որպես ծանր մետաղներով հողերի աղտոտվածության նվազեցման կենսատեխնոլոգիա

Խաչատրյան Հ.Է., Ղազարյան Կ.Ա., Մովսեսյան Հ.Ս.

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Статья

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Geochemistry of Potentially Toxic Trace Elements in Soils of Mining Area: A Case Study from

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Karen A. Ghazaryan, Hasmik S. Movsesyan, Hrant E. Khachatryan, Naira P. Ghazaryan

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Статья

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POTENTIALLY TOXIC ELEMENTS CONTENT IN SOILS IN THE VICINITY OF SHAMLUGH COPPER MINING AREA (ARMENIA): ECOLOGICAL, AGRICULTURAL AND HEALTH RISK ASSESSMENT
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Конференция

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Ագարակի պղնձամոլիբդենային կոմբինատի շրջակա հողերի միկրոտարրերով աղտոտվածության հետ կապված էկոլոգիական ռիսկերի գնահատումը
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Rapid evaluation of heavy metals impact on biochemical activity and microbial size in soils around Zangezur Combine, Armenia
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Статья

Environmental risks of heavy metal pollution of the soils around Kajaran town, Armenia
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