

Gulchina Kuchava

Personal Information

Name Surname: **Gulchina Kuchava**
Date of Birth: 1956-04-21
Sex: Female
Citizenship: Georgian
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Education

Academic Degree: Ph.D./Equivalent to Ph.D
Educational Institution: The Institute of the Geochemistry and Analytical Chemistry of the Academy of Sciences of USSR (Moscow)
Qualification: Analytical Chemistry
Date of grant: 1987-05-14
Country: Russian

Academic Degree: Master's/Equivalent to Master's
Educational Institution: The Ivane Javakhishvili state University
Qualification: Analytical Chemistry
Date of grant: 1980-06-23
Country: Georgia

Work Experience

Organization: National Environmental Agency
Structural Unit: Atmospheric Air, water and soil analyses laboratory of the Department of Environmental pollution Monitoring
Position: Main specialist (Quality manager)
Date of commencement of work: 2005-08-01
Date of completion of work: 2024-03-03

Organization: Institute of Hydrometeorology of the Georgian Technical University
Structural Unit: Division of ecology
Position: researcher
Date of commencement of work: 2005-08-01
Date of completion of work: 2024-03-03

Organization: Transcaucasia Regional Scientific Research
Institute of Hydrometeorology - 1953-1992;
Institute of Hydrometeorology of the Georgian
Academy of Sciences - 1992-2005; Institute of
Hydrometeorology of Georgian Technical
University -2006-2024

Structural Unit: Water and Soil Laboratory

Position: Laboratory assistant, engineer, junior scientific
worker, senior scientific worker, laboratory
manager

Date of commencement of work: 1974-11-06

Date of completion of work: 2024-03-03

Qualification Raising

Trainings

Organization: Project: „Capacity Building for Sound
Management of Chemicals Implementation of CLP
and REACH Regulations“

Subject: Law on chemical substances and mixtures

Country: Georgia, Kakheti region

Date: 2019-05-27

Organization: 2019 (21-22.05.2019), Tbilisi, Georgia Project: EU
Water Initiative for Eastern Partnership

Subject: new requirements and the implementation of the
new version of EN ISO/IEC 17025:2017

Country: Georgia, Tbilisi

Date: 2019-05-21

Organization: 2019 (22-23.04.2019), Tbilisi, Georgia Project:
(UNDP-GEF Kura-II IWRM Academy)

Subject: ISO17025 Implementation-third part

Country: Georgia, Tbilisi

Date: 2019-04-22

Organization: Slovakaid project SAMRS/2016/VP/1/1

Subject: Harmonization of analytical methods used in the
National Environmental Agency of Georgia with
the requirements of the Water Framework
Directive 2013/39/EU

Country: Georgia, Tbilisi

Date: 2019-03-19

Organization: Project: (UNDP-GEF Kura-II IWRM Academy)

Subject: ISO17025 Implementation-second part

Country: Georgia, Tbilisi

Date: 2019-03-14

Organization: Project: (UNDP-GEF Kura-II IWRM Academy)
Subject: ISO17025 Implementation-first part
Country: Georgia, Tbilisi
Date: 2019-02-21

Organization: Project: EU Water Initiative for Eastern
Partnership
Subject: Auditing management systems according to the
ISO 19011 guideline and the requirements of the
international standard EN ISO 17025:2017
Country: Georgia, Tbilisi
Date: 2018-11-29

Organization: Project: EU Water Initiative for Eastern
Partnership
Subject: Requirements of the international standard EN
ISO 17025:2017
Country: Georgia, Tbilisi
Date: 2018-11-27

Organization: Project: EU Water Initiative for Eastern
Partnership
Subject: Auditing management systems and the
requirements of the international standard EN ISO
17025:2017
Country: Chisinau, Republic of Moldova
Date: 2018-09-12

Organization: Slovakaid project SAMRS/2016/VP/1/1
Subject: Harmonization of analytical methods used in the
National Environmental Agency of Georgia with
the requirements of the Water Framework
Directive 2013/39/EU
Country: Georgia, Tbilisi
Date: 2018-05-14

Organization: (European Union water Initiative plus for the
Eastern Partnership
Subject: "Method validation, measurement uncertainty and
metrological traceability in accordance with EN
ISO 17025:2017")
Country: Georgia, Tbilisi
Date: 2018-04-24

Organization: Project: (UNDP-GEF Kura-II IWRM Academy)

Subject: "Training on laboratory internal audit and accreditation process according to ISO 17025 "
Country: Georgia, Tbilisi
Date: 2018-04-19

Organization: (UNDP-GEF Kura-II IWRM Academy)
Subject: "Training on implementation of quality management in environmental laboratories"
Country: Georgia, Tbilisi
Date: 2018-03-15

Organization: (UNDP-GEF Kura-II IWRM Academy)
Subject: "Capacity building on ISO 17025 implementation and SOP for water Sampling "
Country: Georgia, Tbilisi
Date: 2018-02-15

Organization: Project: EU Water Initiative for Eastern Partnership
Subject: Laboratory basics and fundamentals of ISO certification
Country: Georgia, Tbilisi
Date: 2017-12-12

Organization: Slovakaid project SAMRS/2016/VP/1/1
Subject: Harmonization of analytical methods used in the National Environmental Agency of Georgia with the requirements of the Water Framework Directive 2013/39/EU
Country: Georgia, Tbilisi
Date: 2017-10-30

Organization: UNDP
Subject: Harmonization of information management for improved knowledge and monitoring of the global environment in Georgia
Country: Georgia Lopota Spa Resort, Kakheti Region
Date: 2017-07-16

Organization: Slovak Republic Project
Subject: "Harmonizing analytical methods used in the National Environmental Agency with the requirements of the Water Framework Directive"
Country: Bratislava, Slovak Republic
Date: 2017-03-27

Organization: UNDP

Subject: "Mercury inventory toolkit"
Country: Georgia, Borjomi "Crowne Plaza"
Date: 2016-10-12

Organization: Slovak Republic Project SlovakAid.
Subject: "Strengthening of the water protection through the controlling system of the effluent quality and monitoring of the water bodies at risk in Georgia"
Country: Bratislava, Slovak Republic
Date: 2016-06-10

Organization: UNDP
Subject: Introduction into the audit methodology according to ISO 19011: 2011 "Guidelines for Auditing Management Systems"
Country: Georgia, Tbilisi
Date: 2014-02-19

Organization: EU
Subject: Introduction to the procedures and techniques required for international accreditation and quality control for water laboratories ISO 17025
Country: Georgia, Tbilisi
Date: 2013-09-24

Organization: SYKE, Finland
Subject: Water monitoring and management in Georgia. Project "Georgian Water"
Country: Georgia, Tbilisi
Date: 2013-06-12

Organization: EU funded Project „Environmental Protection of International Rivers Basins“
Subject: Introduction to the procedures and techniques required for international accreditation and quality control for water laboratories.
Country: Georgia, Tbilisi
Date: 2013-05-02

Organization: UNDP-GEF PROJECT
Subject: Reducing Transboundary Degradation in the Kura Aras River Basin. Integrated Water Resources Management Academy
Country: Georgia, Kachreti
Date: 2012-10-24

Organization: TWINNING PROJECT GE10/ENP-PCA/TR09

Subject: Used calibration procedures and uncertainty calculations in the accreditation process
Country: Georgia, Tbilisi
Date: 2012-09-14

Organization: UNDP-GEF PROJECT
Subject: Reducing Transboundary Degradation in the Kura areas River Basin Rapid Ecological Assessment - Environmental Flows-Bio-monitoring
Country: Georgia, Tbilisi
Date: 2012-03-30

Organization: (BMZ)-Germany
Subject: Training course on communication management. " Regional environmental policy in the south Caucasus"
Country: Georgia, Tbilisi
Date: 2010-07-06

Organization: Slovak Republic Project
Subject: Support of the Improvement of Quality Management System of Water Quality Monitoring and Information System as tool for the Decision Making Process in Water Policy in Georgia
Country: Bratislava, Slovak Republic
Date: 2010-06-07

Organization: "DEMMS"
Subject: Development of Environment monitoring and Management Systems in Georgia
Country: Rovaniemi (Finland, Lapland)
Date: 2008-10-14

Organization: "DEMMS"
Subject: Quality management training for environmental laboratories
Country: Georgia, Tbilisi
Date: 2008-03-20

Projects & Grants

Name of the project/grant: Minimization of manganese pollution of ecosystems and food products and risks of elemental phenomena in Chiatura municipality aimed to the reduction of soil degradation
Position: Principal investigator.

Donor: Shota Rustaveli National Science Foundation
FR-23-6375
Leader Organization: Institute of Hydrometeorology of the Georgian
Technical University
Start | End Date: 2023-12-18 - 2026-12-18

Name of the project/grant: Study of arsenic pollution of natural waters, soils
and food products of Racha-Lechkhumi and Kvemo
Svaneti regions and soils phytoremediation
Position: Researcher
Donor: Shota Rustaveli National Science Foundation,
FR-21-427
Leader Organization: Institute of Hydrometeorology of the Georgian
Technical University
Start | End Date: 2022-03-21 - 2025-03-21

Name of the project/grant: Advancing Integrated Water Resource
Management (IWRM) across the Kura river basin
through implementation of the transboundary
agreed actions and national plans” - UNDP GEF
Kura Project -
Position: National expert
Donor: UNDP GEF
Leader Organization: National environmental agency
Start | End Date: 2021-03-10 - 2021-05-31

Name of the project/grant: Support in mitigation of Arsenic content in natural
waters, soils and food products and possibilities of
As treatment in drinking waters in Georgia.
Position: National expert
Donor: Water Research Institute (Slovakia) Code:
SAMRS/2019/VP/01/06
Leader Organization: National Environmental Agency
Start | End Date: 2019-11-20 - 2021-11-20

Name of the project/grant: Impact of ecosystems pollution by heavy metals of
Madneuli enterprise of Kvemo Kartli on food
safety
Position: Mentor
Donor: Shota Rustaveli National Science Foundation,
YS-18-888
Leader Organization: National Environmental Agency
Start | End Date: 2018-12-21 - 2020-12-21

Name of the project/grant: Harmonization of Analytical Methods Used in the
National Environmental Agency of Georgia with
the Requirements of the Water Framework
Directive 2013/39/EU
Position: National expert

Donor: Slovak Republic
Leader Organization: National Environmental Agency
Start | End Date: 2017-04-12 - 2018-04-12

Name of the project/grant: Impact of uncontrolled landfills on the territory of Georgia on the ecology of adjacent areas
Position: Mentor
Donor: Shota Rustaveli National Science Foundation, №217578
Leader Organization: Institute of Hydrometeorology of the Georgian Technical University
Start | End Date: 2016-12-09 - 2019-12-09

Name of the project/grant: Study of the pollution of artificial reservoirs in Kakheti region and surrounding areas
Position: Mentor
Donor: Shota Rustaveli National Science Foundation, YS15_1.2.1.5_57
Leader Organization: National Environmental Agency
Start | End Date: 2016-01-14 - 2018-01-14

Name of the project/grant: Strengthening of the water protection through the controlling system of the effluent quality and monitoring of the water bodies at risk in Georgia
Position: National expert
Donor: SlovakAid, Slovak Republic
Leader Organization: National Environmental Agency
Start | End Date: 2014-11-19 - 2016-11-19

Name of the project/grant: Global Water for Sustainability Program (GLOWS) – „Water Resources Management Sustainability Index Tool (WRM SIT) for Alazani river basin -Kakheti region”
Position: National expert
Donor: USAID
Leader Organization: National Environmental Agency
Start | End Date: 2014-04-08 - 2014-06-08

Name of the project/grant: Creation of Measures to Mitigate the Alazani Valley Saline Soil Degradation on the Background of Modern Climate Change
Position: Researcher
Donor: Shota Rustaveli National Science Foundation
Leader Organization: Institute of Hydrometeorology of the Georgian Technical University
Start | End Date: 2012-02-14 - 2014-02-14

Name of the project/grant: Georgian waters - "introduction of water monitoring and management systems in Georgia"
Position: Chemist
Donor: Georgia-Finland project
Leader Organization: National Environmental Agency
Start | End Date: 2010-11-09 - 2013-11-09

Name of the project/grant: Support of the Improvement of Quality Management System of Water Quality Monitoring and Information System as tool for the Decision Making Process in Water Policy in Georgia
Position: Chemist
Donor: Slovak Republic
Leader Organization: National Environmental Agency
Start | End Date: 2010-06-14 - 2010-12-14

Name of the project/grant: Ecological monitoring of pool of the river of Liakhvi and working out softening action of existing position
Position: Mentor
Donor: Shota Rustaveli National Science Foundation
Leader Organization: Institute of Hydrometeorology of the Georgian Technical University
Start | End Date: 2009-12-11 - 2011-12-11

Name of the project/grant: Development of environmental monitoring and Management Systems in Georgia
Position: Chemist
Donor: Georgian-Finnish Project-(DEMMS)
Leader Organization: National Environmental Agency
Start | End Date: 2008-04-08 - 2009-04-08

Name of the project/grant: Trans-Boundary River Management Phase II for the Kura River basin - Armenia, Georgia, Azerbaijan
Position: Chemist
Donor: TACIS - EU Project
Leader Organization: National Environmental Agency
Start | End Date: 2008-02-20 - 2012-01-10

Name of the project/grant: Investigation of Pollution by Radionuclides, Toxic Elements and Creation of the Radiation and Hydrochemical Monitoring system of the R. Kura Basin in Georgia.
Position: Chemist
Donor: Project Agreement # G. 1294, ISTC
Leader Organization: National Environmental Agency

Start | End Date: 2006-10-17 - 2009-12-17

Name of the project/grant: South Caucasus River monitoring project
Position: Chemist
Donor: NATO science program, N 977991SFP
Leader Organization: National Environmental Agency
Start | End Date: 2005-02-24 - 2008-02-24

Conference, Symposium, Award

- 2023-11-16 - International Scientific Conference "Geophysical Processes in the Earth and its Envelopes" - Study of hydrochemical composition of natural waters of Racha-Lechkhumi and Kvemo Svaneti region in -Tbilisi, Georgia
- 2023-12-08 - International Symposium in soil Knowledge and Plant Nutrition. - Research of arsenic-contaminated areas of Racha-Lechkhumi and Kvemo Svaneti region of Georgia and assessment of environmental impact risks - Turkey
- 2023-09-23 - International Conference Organized by World Research forum for Engineers and Researchers - Arsenic contamination in soils of Racha-Lechkhumi and Kvemo Svaneti region of Georgia - Barcelona
- 2023-09-23 - International Conference Organized by World Research forum for Engineers and Researchers - Arsenic contamination of natural waters of Racha-Lechkhumi and Kvemo Svaneti region of Georgia - Barcelona, Spain
- 2022-12-05 - International Conference on Developments in education - Stade of Arsenic contamination of natural waters and soils of Racha-Lechshumi and Kvemo Svaneti region - Canada, Toronto
- 2022-10-16 - International scientific and practical conference CUTTING EDGE-SCIENCE - Assessment of the quality of pollution in Kvemo Kartli region (Georgia) soils Shawnee, USA
- 2022-11-22 - International Conference of Young Scientists "Modern Problems of Earth Science" - Study of hydrochemical and microbiological composition of natural waters of Racha-Lechkhumi and Kvemo Svaneti region - Tbilisi, Georgia
- 2022-10-17 - Proceedings of the International Scientific Conference "Modern Problems of Ecology", - Ecobiochemical condition of the main rivers of Eastern Georgia and their classification according to hydrochemical indicators - Batumi, Georgia
- 2022-10-17 - Proceedings of the International Scientific Conference "Modern Problems of Ecology" - Pollution of the soils of the urban region of Georgia Batumi, Georgia
- 2021-10-26 - International Conference On Development of Applied Science and Humanities DETERMINATION THE WATER QUALITY CLASSIFICATION OF THE RIVER KHRAMI AND ITS TRIBUTARIES -Timisoara, Romania
- 2021-08-21 - HUMINO CONGRESS-Online International Conference - IMPACT OF ARSENIC EX-MINING WASTE ON THE SURROUNDING SOIL DEGRADATION PROCESSES IN RACHA - Paris, France
- 2021-06-25 - 7th Global Congress on Contemporary Sciences - Alternative innovative technology to Reduce Fuel emissions in ambient air - New York, USA
- 2021-04-21 - Collection of articles on the materials of Scientific-Practical Conference LXXIV Herzen readings - HEAVY METAL POLLUTION OF THE RIVER KAZRETULA BY THE MADNEULI ENTERPRISE AND RESTORATION OF ITS BIODIVERSIT - Sankt Petersburg, Russia
- 2021-07-05 - Ecological scientific Academy of Georgia - Research of Soil Resources Degradation

Processes in Georgia - Tbilisi -Georgia

- 2020-08-20 - International Conference. SCIENTIFIC ENQUIRY IN THE CONTEMPORARY WORLD: THEORETICAL BASICS AND INNOVATIVE APPROACH 15th edition -THE IMPACT OF THE MADNEULI ENTERPRISE ON THE POLLUTION OF NATURAL WATERS - San Francisco, California, USA
- 2020-05-18 - "Actual problems of ecology and soil science in the XXI century" VI Republican Scientific Conference - „Eco-chemical study of natural water and soil pollutants in the vicinity of the Madneuli plant“- Baku, Azerbaijan

Languages

- Georgian
- Russia
- English