

Jimsher Kerkadze

Personal Information

Name Surname: **Jimsher Kerkadze**
Date of Birth: 1957-05-29
Sex: Male
Citizenship: Georgian
Phone: 599274639
Email: j.kerkadze@gtu.ge



Education

Academic Degree: Ph.D./Equivalent to Ph.D
Educational Institution: Institute of Inorganic Chemistry and Electrochemistry of the Georgian Academy of Sciences
Qualification: Candidate of Technical Sciences
Date of grant: 1990-12-25
Country: Georgia

Academic Degree: Master's/Equivalent to Master's
Educational Institution: Georgian Polytechnic Institute Faculty of Chemical Technology /Technology of Inorganic Substances
Qualification: Engineer-Chemist-Technologist (Honors)
Date of grant: 1980-06-30
Country: Georgia

Work Experience

Organization: Georgian Technical University
Structural Unit: Department of Environmental Engineering and Ecology
Position: Associate Professor
Date of commencement of work: 2009-09-01
Date of completion of work: 2023-12-31

Organization: LEPL R.Agladze Institute of Inorganic Chemistry and Electrochemistry (Tbilisi)
Structural Unit: Laboratory of Chemistry and Technology of solid fuels
Position: Senior Researcher
Date of commencement of work: 1994-07-17
Date of completion of work: 2011-02-01

Organization: LEPL R.Agladze Institute of Inorganic Chemistry and Electrochemistry (Tbilisi)
Structural Unit: Laboratory of chemical technology of rare elements
Position: Scientific Researcher
Date of commencement of work: 1983-02-21
Date of completion of work: 1994-07-17

Organization: LEPL R.Agladze Institute of Inorganic Chemistry and Electrochemistry (Tbilisi)
Structural Unit: Laboratory of chemical technology of rare elements
Position: Senior laboratory assistant
Date of commencement of work: 1980-09-16
Date of completion of work: 1983-11-21

Organization: P. Melikishvili Institute of Physical and Organic Chemistry of the Georgian Academy of Sciences (Tbilisi)
Structural Unit: Department of Technical and Economic Researches
Position: laboratory assistant
Date of commencement of work: 1977-04-06
Date of completion of work: 1977-05-16

Organization: Research Institute of Scientific and Technical Information and Technical and Economic Research (Tbilisi)
Structural Unit: Department of Technical and Economic Researches
Position: laboratory assistant
Date of commencement of work: 1974-09-16
Date of completion of work: 1975-04-14

Qualification Raising

Trainings

Organization: EU4Environment & UNIDO
Subject: "On raising gender sensitivity in the greening of national industry"
Country: Georgia
Date: 2021-12-04

Organization: EU4Environment & UNIDO
Subject: "On raising gender sensitivity in the greening of national industry"
Country: Georgia

Date: 2021-12-04

Organization: GTU
Subject: "Modern practice of solid waste management and Georgia"
Country: Georgia
Date: 2021-07-20

Organization: Georian Technical University/ERASMUS + PRINTEL project
Subject: "Online active teaching and learning: experiences with technology"
Country: Georgia
Date: 2021-04-29

Organization: Georian Technical University/ERASMUS + PRINTEL project
Subject: "Video as a learning tool for Remote Emergency Teachers"
Country: Georgia
Date: 2021-04-28

Organization: Georian Technical University/ERASMUS + PRINTEL project
Subject: "Digitally Supported Learning and the Digital Competence Framework for Teachers"
Country: Georgia
Date: 2021-04-28

Organization: Georian Technical University/ERASMUS + PRINTEL project
Subject: "Online learning tools. The Importance of Online Learning in during the pandemic"
Country: Georgia
Date: 2021-04-23

Organization: Georian Technical University/ERASMUS + PRINTEL project
Subject: "Designing Meaningful Online Learning"
Country: Georgia
Date: 2021-04-21

Organization: Georian Technical University/ERASMUS + PRINTEL project
Subject: "Use of modern communication technologies in distance learning"
Country: Georgia

Date: 2020-03-27

Organization: Georgian Technical University/ERASMUS + PRINTEL project
Subject: "Video as a teaching tool for teachers and students"
Country: Georgia
Date: 2019-03-21

Organization: Georgian Technical University/ERASMUS + PRINTEL project
Subject: "Enhanced learning using information/communication technologies, mobile learning using game elements"
Country: Georgia
Date: 2019-03-04

Organization: UNIDO
Subject: "Financial analysis of investment projects using the COMFAR program"
Country: Georgia
Date: 2017-10-23

Organization: Iowa State University Center of Excellence in Teaching and Learning, GTU PDC CETL
Subject: Teacher training program „Learning results and assessment“
Country: Georgia
Date: 2016-07-21

Organization: NGO "Ecological Awareness and Waste Management" (Sweden)
Subject: "Providing of Safety of Transporting, Use and Storage of Hazardous Waste"
Country: Georgia
Date: 2016-02-23

Organization: Iowa State University Center of Excellence in Teaching and Learning, GTU PDC CETL
Subject: Teacher training program „Modern Methodologies in Teaching and Learning“
Country: Georgia
Date: 2015-06-11

Organization: GRENA & GTU
Subject: „EC funded project EXTEND training courses concerning EC FP7 framework program EC ICT“
Country: Georgia

Date: 2015-06-09

Organization: UNDP-GEF EU Kura Aras Integrated Water
Resources Management Academy
Subject: "Reduction of Transboundary Degradation in
Mtkvari and Arax River Basins"
Country: Georgia
Date: 2012-10-24

Organization: Tbilisi City Hall
Subject: Basic computer course
Country: Georgia
Date: 2012-05-05

Organization: Department of environmental protection and
engineering ecology of GTU and environmental
non-governmental organizations ("Ekokhedva" and
"Carbon strategia")
Subject: "Effective waste management, focusing on
sustainable management of Tbilisi landfills"
Country: Georgia
Date: 2011-10-26

Organization: Tbilisi City Hall
Subject: "Elementary" level of English language
Country: Georgia
Date: 2011-02-10

Organization: Tbilisi City Hall
Subject: Basic English language course
Country: Georgia
Date: 2010-09-05

Organization: GTU & Training Center "SPAMGO"
Subject: „Environmental administration and management“
Country: Georgia
Date: 2009-07-15

Organization: GTU Center for Professional Development, Iowa
State University (USA)
Subject: „General course of modern teaching
methodologies “
Country: Georgia
Date: 2009-03-23

Organization:	Training center of "Aisi" LLC
Subject:	Full course of office and accounting computer programs
Country:	Georgia
Date:	2008-08-11
Organization:	Association "School-Family-Society"
Subject:	"Critical thinking and active learning in higher education (Kaasus)"
Country:	Georgia
Date:	2006-06-07
Organization:	Educational Debating Association
Subject:	"Teaching formal debate with the program named after Karl Popper"
Country:	Georgia
Date:	2000-10-27
Organization:	Third sector fund "Horizont"
Subject:	"Development and Management in Non-Governmental Organizations"
Country:	Georgia
Date:	2000-05-18
Organization:	Association of Information Specialists
Subject:	„Raising the qualifications of specialists and librarians in the information field of the South Caucasus“
Country:	Georgia
Date:	2000-03-04

Projects & Grants

Name of the project/grant:	UNIDO project, LLC "Samegobro" apple concentrate production, St. Gori
Position:	Expert
Donor:	UNIDO
Leader Organization:	non-commercial (non-profit) legal entity "Energy Efficiency Center"
Start End Date:	2017-06-20 - 2018-01-18
Name of the project/grant:	UNIDO Project, Resource Efficient and Clean Production Assessment Report - "LTD SIN(AL)", secondary aluminum production
Position:	Expert
Donor:	UNIDO

Leader Organization: non-commercial (non-profit) legal entity "Energy Efficiency Center"
Start | End Date: 2014-10-15 - 2015-02-25

Name of the project/grant: UNIDO project, resource efficient and clean Production evaluation report - MN CHEMICAL GEORGIA LLC, manganese oxide production, St. Rustavi
Position: Expert
Donor: UNIDO
Leader Organization: non-commercial (non-profit) legal entity "Energy Efficiency Center"
Start | End Date: 2014-09-14 - 2015-03-28

Name of the project/grant: CRDF (USA) international grant AREI-91, Development of training courses on the implementation of climate change mitigation and adaptation measures in higher education institutions of Armenia and Georgia; 1-YE-10
Position: main performer
Donor: CRDF (USA)
Leader Organization: NGO „Khazar“ (Armenia)
Start | End Date: 2011-02-01 - 2011-08-12

Name of the project/grant: Science of Georgia Academy Grant #10-24, Study of the joint gasification process of Tkibuli coal and organic waste under autoclave conditions under pressure
Position: main performer
Donor: Georgian Academy of Sciences
Leader Organization: LEPL R. Agladze Institute of Inorganic Chemistry and Electrochemistry
Start | End Date: 2004-01-11 - 2005-12-31

Name of the project/grant: Science of Georgia Academy Grant #10-22, Studying the reactivity of semicoke obtained as a result of hydropyrolysis of Tkibuli coal in the gasification process
Position: main performer
Donor: Georgian Academy of Sciences
Leader Organization: LEPL R. Agladze Institute of Inorganic Chemistry and Electrochemistry
Start | End Date: 2003-01-08 - 2003-12-31

Name of the project/grant: Science of Georgia Academy Grant #10-25, Study of the joint catalytic gasification process of coal and man-made organic waste
Position: main performer
Donor: Georgian Academy of Sciences

Leader Organization: LEPL R. Agladze Institute of Inorganic Chemistry and Electrochemistry
Start | End Date: 2002-01-10 - 2002-12-31

Name of the project/grant: Science of Georgia Academy Grant #10-23, Study of thermal destruction process of Tkibul coal activated by mechanochemical method with catalyst
Position: main performer
Donor: Georgian Academy of Sciences
Leader Organization: LEPL R. Agladze Institute of Inorganic Chemistry and Electrochemistry
Start | End Date: 2000-01-11 - 2001-12-31

Name of the project/grant: Science of Georgia Academy Grant #10-34, Mechanochemical activation of Tkibul coal in the presence of a catalyst for the hydrogenation process
Position: main performer
Donor: Georgian Academy of Sciences
Leader Organization: LEPL R. Agladze Institute of Inorganic Chemistry and Electrochemistry
Start | End Date: 1999-01-09 - 1999-12-31

Name of the project/grant: Science of Georgia Academy Grant #10-17, Intensification of the hydrogenation process of Tkibuli coals based on the selection of selective catalysts
Position: main performer
Donor: Georgian Academy of Sciences
Leader Organization: LEPL R. Agladze Institute of Inorganic Chemistry and Electrochemistry
Start | End Date: 1997-01-16 - 1998-12-31

Scientific Productivity

[Google scholar](#)

Cited Index: 4

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Conference, Symposium, Award

- 1991-06-04 - VI All-Union Conf. young scientists and specialists in physical chemistry, "Physchemistry-90", Thermodynamic analysis of equilibrium mineral associations in the process of sulfatization of pyrite cinders
- 1991-06-04 - VI All-Union Conf. young scientists and specialists in physical chemistry, "Physical Chemistry-90", Thermodynamic study of the leaching process of pyrite cinders

- 1998-03-26 - Scientific-methodological conference in chemistry dedicated to the 80th anniversary of the founding of TSU, the influence of alcohol-benzene alkaline mixture on the technological properties of Tkibuli coal
- 2011-09-27 - 14th Seminar of NCC ISTC "Development of innovations and transfer of technologies in the context of global security", Search for optimal technologies for processing mouse-containing industrial waste in Georgia, Alma-Aty, Kazakhstan
- 2012-06-20 - ISTC International conference „Radiation Safety Challenges in the 21st Century“, Proceedings, Yerevan, Republic of Armenia
- 2012-11-01 - International scientific and educational competition organized by "Heidelberg Cement" company - Quarry Life Award "Promotion of biodiversity at quarries", project proposal: "Biodiversity and education at quarries in 3D format", recommendation
- 2013-09-30 - VII International conference „Management of the development of large-scale systems“ (MLSD'2013), Problems of the “Road map” for hydrocarbon processing, Russia, Moscow
- 2016-09-21 - International Scientific Conference „Modern Researches and Prospects of their Use in Chemistry, Chemical Engineering and Related Fields“, Innovative Approach to Recycling of Shock-Proofed Tire-Casing, Ureki, Georgia
- 2017-03-09 - 3rd International Scientific-Practical Conference on Up-to-date Problems of Geology, “Power of Geology is the Precondition for Regeneration of Economics”, Computer Modeling and Forecasting of the Environment Technogenic Pollution Processes
- 2019-11-19 - International Scientific and Technical Conference "Environmental Protection and Sustainable Development" dedicated to the 80th anniversary of the birth of Prof. V. Eristavi, GTU, Tbilisi
- 2021-11-17 - International scientific-practical conference dedicated to the 100th anniversary of the establishment of GTU "Natural resources of Georgia and prospects for sustainable development of productive forces", GTU, Tbilisi

Languages

- Georgian
- English
- Russia
- French

Additional information

Chairman of the Commission of the "Environmental Engineering and Safety" Section of the 85th/86th/87th Open Int. Scientific Conferences of GTU Students, 2017-2019;

Member of the Organizing Committee of the Int. Scientific and Technical Conference "Environmental Protection and Sustainable Development", GTU, Tbilisi, 2010;

Public expert registered in the register of independent experts of the Ministry of Environment and Natural Resources Protection of Georgia;

National expert trained on the basis of the trainings conducted within the resource-efficient and clean production demonstration project implemented by UNIDO in Georgia and member of the supervisory board of the same project, 2014-2017;

Participant of the workshops held to create the national action plan of the EU regional pilot project "Assessment and Strengthening of National Capacities for Adhering to the Protocols of the Transboundary Convection on Long Range Air Pollution (CLRTAP) and Fulfilling the Relevant Obligations", 2011-2014;

Member of the Dissertation Board of the Faculty of Chemical Technology and Metallurgy of GTU, the evaluation committee of doctoral theses;

2016-2017; Scientific editor of the reference brochure "Modern Safety Rules" issued within the framework of the "Clean Georgia-Phase III" project implemented by the non-governmental organization "Enhancing Environmental Awareness and Waste Management";

Invited member of the Expert Commission of the Dissertation Council of the Faculty of Informatics, Mathematics and Natural Sciences of the Georgian University named after St. Andrew the First of the Patriarchate of Georgia, 2017;

Founder and deputy chairman of the board of the non-governmental organization "Georgian Environmental Engineering Association" since 2005; General Manager of the Association from 2009 present;

Participant of the int. conference "Climate change training programs for higher education institutions", Tbilisi, 2010;

Member of the monitoring coordination group within the framework of the CENN project "Strengthening the possibility of developing the National Register of Pollutants Release and Transport (PRTR) in Georgia and supporting the implementation of the Strategic Approach to Int. Chemicals Management (SAICM)", 2009-2011;

Docent of the Department of Environmental Protection and Engineering Ecology (#59) of GTU, 1995-2005;

LEPL R. Agladze Institute of Inorganic Chemistry and Electrochemistry, library manager, 1996-2006;

Curator/Supervisor of NAEC, 2009-present;

Supervisor-observer of NAEC certification exams, 2011-2018;

Member of the editorial board of the collection of scientific works of the Int. Scientific and Technical Conference "Environmental Protection and Sustainable Development" (2010);

Seminar of GTU and Training-Center "SPAMGO", raising the qualifications of specialists and librarians in the information field of the South Caucasus, 15.07-08. 08. 2009, 6 (six) certificates;

The founder of the non-governmental organization "Kerkadze" - "Kerkadzne", a non-governmental organization established in 2013, the chairman of the board and the leader of the family.