

Malkhaz Turdzeladze

Personal Information

Name Surname: **Malkhaz Turdzeladze**
Date of Birth: 1956-09-29
Sex: Male
Citizenship: Georgian
Phone: 599227545
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Education

Academic Degree: Ph.D./Equivalent to Ph.D
Educational Institution: Kyriak Zavriev Institute of Construction
Mechanics and Seismic Resistance of the Georgian
Academy of Sciences
Qualification: Candidate of technical sciences, diploma KD No.
032654
Date of grant: 1990-11-30
Country: Georgia

Academic Degree: Master's/Equivalent to Master's
Educational Institution: Georgian Technical University
Qualification: Engineer-builder-technologist
Date of grant: 1978-06-22
Country: Georgia

Work Experience

Organization: Levan Samkharauli National Bureau
Structural Unit: Forensic Expertise Department of Engineering
Expertise Expert
Position: Engineering Expertise Expert
Date of commencement of work: 2012-09-04
Date of completion of work: till today

Organization: Georgian Technical University
Structural Unit: Faculty of Construction
Position: Associate Professor
Date of commencement of work: 2005-05-01
Date of completion of work: till today

Organization: Tbilisi Agriculture Service

Structural Unit:	Head of Department of Agriculture Service
Position:	Head of Department of Agriculture Service
Date of commencement of work:	1999-09-15
Date of completion of work:	2004-08-07

Organization:	Tbilisi City Hall
Structural Unit:	Tbilisi City Hall
Position:	Main specialist
Date of commencement of work:	1999-08-09
Date of completion of work:	1999-09-15

Organization:	Academy of Sciences
Structural Unit:	Institute of Construction Mechanics and Seismic Resistance Construction Mechanics
Position:	Scientist-Associate
Date of commencement of work:	1984-12-16
Date of completion of work:	1999-07-01

Organization:	Academy of Sciences
Structural Unit:	Institute of Construction Mechanics and Seismic Resistance Attended teaching
Position:	Aspirant
Date of commencement of work:	1981-11-16
Date of completion of work:	1984-11-16

Organization:	State Design Institute
Structural Unit:	"Saksakhproject"
Position:	Engineer-Technologist
Date of commencement of work:	1978-09-01
Date of completion of work:	1981-11-16

Qualification Raising

Trainings

Organization:	Tbilisi City Hall
Subject:	computer necessary 27 hours basic course
Country:	Georgia
Date:	2010-09-10

Organization:	Batumi Shota Rustaveli University
Subject:	International conference and Exhibition Batumi-Spring-2010
Country:	Georgia

Date: 2010-05-07

Organization: GTU Professional Development Center Iowa State University (USA)
Subject: Modern teaching methods
Country: Georgia
Date: 2009-03-15

Projects & Grants

Name of the project/grant: Complex mineral supplement No. AR-22-2064. For concretes, manufacture-usability validation by testing in an industrial environment.
Position: Expert
Donor: Shota Rustaveli National Science Foundation
Leader Organization: Georgian Technical University
Start | End Date: 2022-02-23 - 2023-12-29

Name of the project/grant: Grant AR-18-343, modification of georgian clay rocks into porous materials for weather resistant and energy efficient concrete aggregates.
Position: Coordinator
Donor: Shota Rustaveli National Scientific Foundation
Leader Organization: Levan Samkharauli Forensic Examination Bureau
Start | End Date: 2018-01-03 - 2022-01-03

Name of the project/grant: Grant FR/67/3-100/13 Universal Kernel of Creep for Structural Materials with Constant, Instantaneously or Monotonically Declining "Memory" of Load Prehistory
Position: Main performer
Donor: Shota Rustaveli Scientific Foundation
Leader Organization: Levan Samkharauli Forensic Examination Bureau
Start | End Date: 2014-04-16 - 2017-05-10

Name of the project/grant: Designing of lightweight (kuff concrete) composition, forming samples and testing for the purpose of determining the mark.
Position: Expert
Donor: Sukhumi Vekua Institute of Physics and Technology, Technical University of Georgia.
Leader Organization: Georgian Technical University
Start | End Date: 2011-12-05 - 2012-01-19

Name of the project/grant:	Tuesday block tech. you describe me Study and presentation of block wall construction and heating. Recommendations for -20C climate zone in winter
Position:	Expert
Donor:	"Magtivini" LLC,
Leader Organization:	Georgian Technical University
Start End Date:	2011-04-14 - 2011-05-14
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Name of the project/grant:	Strength testing of samples of different shapes and sizes and laboratory research of methon crack filling materials.
Position:	Expert
Donor:	Authorized representative of the Patriarchate of Georgia Technical University of Georgia.
Leader Organization:	Georgian Technical University
Start End Date:	2011-03-03 - 2011-09-04
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Name of the project/grant:	Design M500 grade 10-12 cm flowable concrete composition, using superplasticizers; Conduct laboratory research of concrete constituent materials
Position:	Expert
Donor:	LLC "Geo-"
Leader Organization:	Georgian Technical University
Start End Date:	2010-10-20 - 2010-11-15
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Name of the project/grant:	Designing the composition of boiling to fill the voids and cracks in the body of the temple wall; Optimum composition of the anti-corrosion solution of the armature.
Position:	Expert
Donor:	LLC "Restorators and Company"
Leader Organization:	Georgian Technical University
Start End Date:	2009-06-15 - 2009-10-12
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Name of the project/grant:	Calculation of heavy concrete compositions; Research of its constituent materials
Position:	Expert
Donor:	"RTG" construction company
Leader Organization:	Georgian Technical University
Start End Date:	2008-03-10 - 2009-04-15
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Name of the project/grant:	Grant No. 079; Creation of models of cement-based composite construction materials under different loads and impacts.
Position:	Performer
Donor:	National Foundation

Leader Organization:	Georgian Technical University
Start End Date:	2006-10-10 - 2009-09-14

Name of the project/grant:	METHOD OF PERFORMING MEASUREMENTS - MI 11-87
Position:	Research associate
Donor:	НПО «ВНИИФТРИ», Moscow, Novopresnenskiy per. 1
Leader Organization:	Georgian Technical University
Start End Date:	1989-09-04 - 1989-09-11

Scientific Productivity

Scopus

Cited Index: M. Turdzeladze

H Index:

Conference, Symposium, Award

- 1984-11-13 - Study of the nature of acoustic emission in concrete of different compositions. Quality and reliability of building materials and structures in seismic construction. Abstracts of the report. All-Union school-seminar for young scientists. Batumi.
- 1984-11-28 - 1984-11-28 Relationship between the number of acoustic emission pulses and the intensity of loading in concrete under axial compression. Abstracts of reports of the 3rd Transcaucasian Conference of Young Builders. - Yerevan.
- 1985-10-02 - The nature of acoustic emission at different levels of concrete loading. Mechanics and technology of composite materials // Proceedings of the IV National Conference. in mechanics and technology of composite materials - Varna. Sofia.
- 1986-10-14 - Acoustic emission of fine-grained concrete of different hardening modes. Quality and reliability of building materials and structures in seismic construction. Abstracts of the report. All-Union School-seminar for young scientists. - Kobuleti.
- 1989-11-08 - The nature of acoustic emission during compression of concrete of different humidity. Concrete and reinforced concrete in energy construction. Materials of the All-Union Conference on Concrete and Reinforced Concrete. - Kazan.
- 2010-05-07 - Manufactured from Local Raw Materials Effective and Energy Saving Foam Concrete. International Conference & Exhibition. Batumi - Spring.
- 2010-06-15 - Influence of additives on destructive processes during loading in concrete. International Scientific-Technical Conference "Construction Mechanics Problems". A collection of works. Tbilisi.
- 2010-10-01 - Influence of moisture content of concrete on the level of intensive compression cracking. I International Scientific and Technical Conference "Architecture and Construction - Current Problems", Yerevan, Jermuk.
- 2011-04-05 - Ecological clean foam concrete on local materials of Georgia. International Scientific and Technical Conference of Vladikavkaz Scientific Center of RAS and Government PCO-A. Vladikavkaz.
- 2011-09-22 - Super dispersed Wastes of the Ferromagnetic Alloys in the High-Strength Concrete Technology. Innovative Materials and Technologies for Concrete Structures. Central European

Congress on Concrete Engineering. Balatonfured, Hungary.

- 2016-10-17 - New natural mineral nano and mesoporous additives for the production of high-performance concrete. III All-Russian conference, Actual problems of adsorption. Moscow, Russia.

Languages

- Georgia
- English
- Russian