

Lasha Sukhishvili

Personal informationContact Details

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Full name: Lasha Sukhishvili
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Country: საქართველო (Georgia)
City: Tbilisi

Languages

Language	Writing	Reading	Speaking
English	B2	B2	B2
ქართული (Georgian)	C1	C1	C1

Education

Academic degree

Academic Degree: Doctoral/PhD, Ed.D or other equivalent
Year obtained: 15.03.2021

Education

Academic Degree	Name of the Institution	Country	Major discipline	Start year	End year
Doctoral/PhD, Ed.D or other equivalent	Ilia State University	საქართველო (Georgia)	Earth Sciences	2013	2021
Master/MS, MA, MR, MBA, m.Ed or other equivalent	Ilia State University		Geography in GIS Technology	2012	2013
Bachelor/BS, BA, BE or other equivalent	Ivane Javakhishvili Tbilisi State University		Hydrology, Meteorology and Oceanology	2004	2008

Trainings / Seminars / Training courses

Training / Seminar / The theme of the course	Organization name	Start year	End year
Hydrologic modelling	HYDROC GmbH	2018	2018
1D/2D river hydraulic modelling	HYDROC GmbH	2018	2018
Tectonic Geomorphology	Arizona State University	2016	2016
Tectonic Geomorphology	University of California, Davis Campus	2014	2014

Projects

Ongoing projects

Project title	Position	Project head	Start Date	Donor
War on Geohazards in a Peaceful Caucasus	Key Personnel	Zurab Javakhishvili	24.11.2024	NATO Science for Peace and Security

Project title	Position	Project head	Start Date	Donor
Hazard assessment and dynamic analyses of the processes of mud and debris flow-prone gorges of Tbilisi area in VR environment - a research concerning climate change	PI	Lasha Sukhishvili	19.12.2023	SHOTA RUSTAVELI NATIONAL SCIENCE FOUNDATION OF GEORGIA
Landslide process detection and motion dynamics modelling using satellite inSAR and simulation model within the Tbilisi area	Principal Investigator	Lasha Sukhishvili	21.12.2022	SHOTA RUSTAVELI NATIONAL SCIENCE FOUNDATION OF GEORGIA
Active Deformations and Magnitude of Shortening of Western Kura Fold-thrust Belt	Project Coordinator	Zurab Javakhishvili	13.03.2020	Shota Rustaveli National Science Foundation
Seismic Network Expansion in the Caucasus and Central Asia	Key personnel	Tea Godoladze	01.10.2019	Science and Technology Center in Ukraine (STCU)
Investigation of Neotectonic deformation of the wester portion of Kura fold thrust belt	Principal Investigator	Lasha Sukhishvili	01.01.2016	Shota Rustaveli National Scientific Foundation

Completed projects

Project title	Position	Project head	Start Date	End Date	Donor
From Science To Safety : Meeting Engineering Needs with Earth Science	Coordinator	Tea Godoladze	01.04.2024	31.10.2024	Shota Rustaveli National Scientific Foundation of Georgia
PROBABILISTIC SEISMIC HAZARD ASSESSMENT FOR GEORGIA	key personnel	Tea Godoladze / Rengin Gok	01.09.2015	30.11.2017	USDOE National Nuclear Security Administration (NNSA)
High mountain large lakes as a key components of local environment, study of natural and man-made impacts	Key personnel	Mikheil Elashvili	09.09.2014	31.12.2019	International Science and Technology Center, G-2153
Implementing Photogrammetric and 3D Virtual Reality Approaches in Neotectonic Research (Case of Kvernaki Ridge)	Principal investigator	Lasha Sukhishvili	01.01.2013	31.12.2014	Shota Rustaveli National Science Foundation, President Grant for Young Scientists PG/73/9-101/13
Discovering Potential Seismic Sources in the Caucasus Using Virtual-Reality Based Data Analyses and Development of Cyber-Enabled Geosciences Workforce in Georgia	Key Personnel	Mikheil Elashvili, Louise Kellogg	01.06.2012	31.05.2017	Partnerships for enhanced engagement in research (PEER) SCIENCE, USAID
Institutional Building for Natural Disaster Risk Reduction (DRR) in Georgia	Key Personnel	Kakha Bakhtadze / Cees Van Westen	31.01.2012	31.12.2012	Ministry of Foreign Affairs of Kingdom of Netherlands

Scientific Fields (2018-2020)

Main Field

Field: 1. Natural sciences

Sub-Field: 1.5 Earth and related environmental sciences

Subject area: 1.5.1 Geosciences, multidisciplinary

Additional Field (1)

Field: 1. Natural sciences

Sub-Field: 1.5 Earth and related environmental sciences

Subject area: 1.5.6 Geology

Additional Field (2)

Field: 1. Natural sciences

Sub-Field: 1.5 Earth and related environmental sciences

Subject area: 1.5.11 Oceanography, Hydrology, Water resources

Scientific Fields (2021-2024)

Main Field

Field: 1. Physical Sciences and Engineering

Sub-Field: 1.10 Earth System Science

Subject area: 1.10.13 Physical geography, geomorphology

Additional Field (1)

Field: 1. Physical Sciences and Engineering

Sub-Field: 1.10 Earth System Science

Subject area: 1.10.14 Earth observations from space/remote sensing

Additional Field (2)

Field: 1. Physical Sciences and Engineering

Sub-Field: 1.10 Earth System Science

Subject area: 1.10.20 Geohazards

Employment History

Current place(s) of employment

Workplace	Name of the work department	Position	Main responsibilities	Start Date
Ilia State University	Institute of earth Sciences and National Seismic Monitoring Center of Georgia	Deputy Director	Comanagement of the scientific and administrative affairs of the institute	08.01.2023
Ilia State University	SCHOOL OF NATURAL SCIENCES AND MEDICINE	Assistant Professor	Academic, research and educational activities	02.02.2022

Work experience

Company/Institution	Name of the department	Position	Main responsibilities	Start Date	End Date
Ilia State University	Institute of Earth Sciences and National Seismic Monitoring Center	Head of the Department of Geography	Administrative and scientific management of the department of Geography	28.01.2013	08.01.2023
Institute of Earth Sciences, Ilia State University	Department of Geography	Researcher	Participation in to the ongoing projects of the department	02.02.2012	01.10.2013
Institute of Earth Sciences, Ilia State University	Department of Geography	Laboratory assistant	Assistance within the ongoing projects of the department	20.02.2011	01.02.2012
Institute of Geography	Department of Hydrology	Laboratory assistant	Processing hydrologic and meteorologic databases	01.11.2007	31.01.2011

Scientific Productivity

Article / Monograph / Manual

Type	Authors	Publication title	Source title	Year
Article	Adam M.Forte, Joel S.Leonard, Matthew W.Rossi, Kelin X.Whipple, Arjun M.Heimsath, Lasha Sukhishvili, Tea Godoladze, Fakhraddin Kadirov	Low variability runoff inhibits coupling of climate, tectonics, and topography in the Greater Caucasus	Earth and Planetary Science Letters	2022
Book	Badri Jijelava (member of editorial board - Lasha Sukhishvili)	The methods of forecasting hazardous weather events for aviation based on thermodynamic diagram and the climate of Ambrolauri airport		2022
Article	Onur Tuna, Gok Rengin, Godoladze Tea, Gunia Irakli, Boichenko Giorgi, Buzaladze Albert, Tumanova Nino, Dzmanashvili Manana, Sukhishvili Lasha, Javakishvili Zurab, Cowgill Eric, Bondar Istvan, Yetirmishli Gurban	Probabilistic Seismic Hazard Assessment Using Legacy Data in Georgia	SEISMOLOGICAL RESEARCH LETTERS	2020
Article	Lasha Sukhishvili, Adam M. Forte, Giorgi Merebashvili, Joel Leonard, Kelin X. Whipple, Zurab Javakhishvili Arjun Heimsath, Tea Godoladze	Active deformation and Plio-Pleistocene fluvial reorganization of the western Kura Fold-Thrust Belt, Georgia: implications for the evolution of the Greater Caucasus Mountains (accepted manuscript)	Geological Magazine	2020
Article	Hans von Suchodoletz, Christoph Zielhofer, Silvan Hoth, Josefine Umlauf, Birgit Schneider, Christian Zeeden, Lasha Sukhishvili, Dominik Faust	North Atlantic influence on Holocene flooding in the southern Greater Caucasus	The Holocene	2017
Article	Hansvon Suchodoletz, Andreas Gärtner, Silvan Hoth, Josefine Umlauf, Lasha Sukhishvili, Dominik Faust	Late Pleistocene river migrations in response to thrust belt advance and sediment-flux steering — The Kura River (southern Caucasus).	Geomorphology	2016
Article	Hansvon Suchodoletz, MartinMenz, Peter Kühn, Lasha Sukhishvili, Dominik Faust	Fluvial sediments of the Algeti River in southeastern Georgia — An archive of Late Quaternary landscape activity and stability in the Transcaucasian region	Catena	2015

Scholarships and awards

Scholarships/awards name	Issuer	Year of Issue
The Pascal Prize	Basisbank, ილიას სახელმწიფო უნივერსიტეტი	2022
The Pascal Prize	Basisbank, Ilia State University	2018
The Pascal Prize	Basisbank, Ilia State University	2016
The Pascal Prize	Basisbank, Ilia State University	2015

Participation in scientific events

Scientific event name	Title of the presentation	Event venue	Year
American Geophysical Union Fall Meeting 2024	Rock-ice collapse of the Tbilisa Glacier in the Georgian Greater Caucasus – Multidisciplinary Approach to Investigate Preconditions and Developments of the 2023 Disaster	Washington D.C., USA	2024
European Geosciences Union General Assembly 2022	Reconstruction of tectonically driven Quaternary fluvial dynamics of the Western Kura Fold-Thrust Belt (Eastern Caucasus, Georgia)	Vienna, Austria	2022
American Geophysical Union 2019	Active Deformation and Plio-Pleistocene Fluvial Reorganization of the Western Kura Fold-Thrust Belt, Georgia: Implications for the Evolution of the Greater Caucasus Mountains and Seismic Hazard	San Francisco, USA	2019
European Geosciences Union General Assembly 2018	Magnitude of Shortening in the Western Kura fold-thrust belt, Georgia	Vienna, Austria	2018
European Geosciences Union General Assembly 2018	Paleocurrent analyses of Akchagyl-Apsheronian sediments of Gombori Range (Western segment of Kura-fold thrust belt, Georgia)	Vienna, Austria	2018
European Geosciences Union General Assembly 2016	3D Virtual Reality Applied in Tectonic Geomorphic Study of the Gombori Range of Greater Caucasus Mountains	Vienna, Austria	2016

Scientific event name	Title of the presentation	Event venue	Year
American Geophysical Union Fall Meeting 2016	Investigation of Neotectonic Deformation in the Eastern Part of the Caucasus Intermountain Area, Kura Fold-Thrust Belt, Georgia	San Francisco, USA	2016
European Geosciences Union General Assembly 2013	The Holocene Landscape Development of the Gareja Region in Eastern Georgia - a Fluvial Approach	Vienna, Austria	2013

Productivity index

#	Citation index	h-index
Google scholar	126.00	7.00
Scopus	90.00	6.00
Web of science	82.00	6.00