



First Caucasus Mountain Forum: Bridging Science and Practice for Sustainability

Programme

28 November – 1 December 2016
Tbilisi, Georgia

Donors:



SWISS NATIONAL SCIENCE FOUNDATION



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UNIVERSITÉ
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Hosts:



The Caucasus is a unique mountain region situated at the crossroads of Europe and Asia, between the Caspian and Black Seas. Home to fifty ethnic groups speaking forty languages, the region has a rich and diverse cultural history and heritage. The Caucasus is also known as one of the world's most significant and most threatened reservoirs of plant and animal life. The Caucasus mountain ranges naturally draw together the six countries of the region (Armenia, Azerbaijan, Georgia, Islamic Republic of Iran, the Russian Federation, Turkey). While efforts to address sustainable development challenges related to poverty reduction, social protection, and environmental quality have quite a long history, armed conflict and political volatility have largely undermined the emergence of concerted responses to urgent problems.

In an effort to build on the history of cooperation, knowledge creators and brokers of the wider Caucasus region initiated the Scientific Network for the Caucasus Mountain Region (SNC-mt) in 2013 (www.caucasus-mt.net). SNC-mt is organized as an open network of researchers and other stakeholders interested in disciplinary, interdisciplinary and transdisciplinary research and collaboration, building research capacity in the Caucasus region and linking research to the needs of sustainable development and environmental protection. The Network strongly relies on the input and participation of its members. It also benefits from experiences in other mountain regions such as the "International Scientific Committee on Research in the Alps" (ISCAR), the "Science for the Carpathians" (S4C), and the "South Eastern European Mountain Research Network" (SEEmore). International partners such as the United Nations Environment Programme Regional Office for Europe (Vienna Office), the University of Geneva, and GRID Arendal have supported SNC-mt from the start.

As part of its activities during 2016-2017, SNC-mt organizes the First Caucasus Mountain Forum (CMF), develops an online platform for scientists and practitioners, coordinates the elaboration of an up-to-date regional outlook and research agenda, establishes a regional summer school for graduate students, and carries out a pilot test for a regional spatial data infrastructure.

The CMF is designed to serve as an important opportunity for scientists and academics, governmental experts, and practitioners to meet and exchange views on opportunities and challenges, and thereby seek to enhance (sub)-regional dialogue and contribute to the better coordination of sustainable development of the Caucasus region. Sustainable mountain development is understood to: relate to a wide spectrum of sectoral topics; require the mobilization and linking of diverse scientific disciplines; concern actors from the public, private, and non-governmental spheres; have implications for intergenerational equity and justice; and crucially benefit from the involvement of practitioners and decision makers from local to global levels.

The overall Goal of the Caucasus Mountain Forum and its long term-objective is to support regional cooperation and joint research among Caucasus scientists and thereby promote evidence-based decision-making for sustainable development in the region.

The immediate objectives of the "Caucasus Mountain Forum" are to:

- Offer state-of-the art insights of scientific knowledge relevant to sustainable development in the Caucasus region
- Link research, policy-making and practice in the field of sustainable mountain development;
- Showcase scientifically informed, practical actions leading towards sustainability in the Caucasus mountain region;
- Provide a forum for promoting a joint regional mountain agenda; and
- Increase the visibility of the Caucasus region at the Pan-European and global level.

As hosts and organizers, we are very pleased to welcome you to Tbilisi! We wish to thank the many dedicated people who have helped to organize and we express our gratitude to the Swiss National Science Foundation, Swiss Agency for Development and Cooperation, and the United Nations Environment Programme for their financial support.

**First Caucasus Mountain Forum:
Bridging Science and Practice for Sustainability
28 November – 1 December 2016
Tbilisi, Georgia**

Programme

Day 1: Monday, November 28

7:30-9:30 Registration
Tbilisi State University

9:30-10:45 Opening Session
Tbilisi State University, Main Auditorium
Welcoming remarks:

Mr Teimuraz Murghulia	First Deputy, Ministry of Environment and Natural Resources Protection, Georgia
Mr Olivier Bürki	Regional Director, Swiss Agency for Development and Cooperation, Office for the South Caucasus, Embassy of Switzerland
Mr Giga Zedania	Rector, Ilia State University
Mr George Shervashidze	Rector, Tbilisi State University
Ms Olga Solomina	Institute of Geography, the Russian Academy of Sciences <i>Climate Change in the Caucasus</i>
Mr Jean Radvanyi	INALCO Paris and CASCADE project <i>Caucasus Mountain Regions in Transition: New Trends, New Challenges</i>

10:45-11:30 Coffee Break

11:30-13:15 Thematic Session 1: Hazard Risk Assessment
Tbilisi State University, Room 107

Chair: Mr Hakan Yigitbasioglu, Ankara University, Department of Geography

Svetlana Badina	<i>Floods, avalanche and mudflows risks in the North Caucasus</i>
Elya Sahakyan, Mikayel Gevorgyan, Hayk Igityan	<i>Assessment of the width of an active fault zone by the example of the Vedi Thrust Fault</i>
Banetashvili Vakhtang, Chargazia Khatuna, Javakhishvili Nodar, Kaishauri Manana, Khurtsidze Giorgi, Mitin Mikheil, Samkharadze Inga, Sauri Ioseb	<i>Radar monitoring of dangerous meteorological processes in Eastern Georgia</i>

11:30-13:15 Workshop 1: Policy Advocacy at the Science-policy Interface
Tbilisi State University, Room 101

Chair: Mr Levan Dadiani, Oxfam, Georgia

Ilia Kvitaishvili	<i>Food security and nutrition challenges in high mountains of Georgia</i>
Levan Dadiani	<i>International Caucasus Mountain Centre (ICMI): Conceptual</i>

11:30-13:15 Thematic Session 2: Climate Change and Mountain Environments

Tbilisi State University, Room 115

Chair: Ms Nina Shatberashvili, Sustainable Caucasus, SNC-mt Coordination Unit, Ilia State University

Toropov Pavel, Mikhalenko Vladimir, Kutuzov Stanislav	<i>Physical mechanisms of the intensive melting of glaciers of the North Caucasus in the last 20 years</i>
Rauf Gardashov, Terane Gardashova, Tural Mammadov, Khadjakhanim Huseynova, Guler Mammadova	<i>Solar radiation model for mountain regions</i>
Polina Polumieva, Veronika Kuznetsova	<i>Reconstructing glacier history in the Central Caucasus by means of tree ring investigations</i>

13:15-14:30 Lunch

14:30-16:00 Plenary Session 1: Climate Change

Tbilisi State University, Main Auditorium

Moderator: Mr Matthias Jurek, Programme Management Officer, UN Environmental Programme

Speakers/Presenters:

Research needs in the field of Climate Change: governmental vision

Mr Aram Gabrielyan UNFCCC National Focal Point, Armenia

Mr Bariz Mehdiyev Director of Azerbaijan Branch Office of REC Caucasus, Azerbaijan

Mr Grigol Lazrievi UNFCCC National Focal Point, Ministry of Environment and Natural Resources Protection, Georgia

Ms Musonda Mumba Ecosystems based Adaptation Coordinator, Climate Change Adaptation Unit, UN Environmental Programme, *Experiences of African Mountains and links to resilience and climate change adaptation research*

Ms Nato Kutaladze National Environment Agency, Georgia, *Climate observation and modelling in the Caucasus*

16:00-16:45 Coffee and Posters

Tbilisi State University, Main auditorium reception space

16:45-18:30 Thematic Session 3: Tourism

Tbilisi State University, Room 107

Chair: Mr Mehmet Somuncu, Ankara University, Department of Geography

Kamran Shayesteh, Shiva Gharibi	<i>Valuing visitor willingness to pay for forest conservation: a case of Arasbaran Biosphere Reserve</i>
Alexander Drozdov	<i>Caucasian trans-border tourism development</i>
Mariam Tsitsagi, Nana Kvirkvelia, Meri Gugeshashvili	<i>Ethno-cultural resources and perspectives of the development of the ethno-tourism in Tusheti</i>

16:45-18:30 Thematic Session 4: Regional Development I

Tbilisi State University, Room 115

Chair: Mr Joseph Salukvadze, Tbilisi State University

Ramiz Mammadov, Rovshan Karimov	<i>Challenges and perspectives of researches and socioeconomic activities in mountain areas of Azerbaijan</i>
Lorenzo Venzi	<i>Socio-economic development of mountain areas in the Caucasian countries</i>
Aleksandr Badov	<i>Mountain population and sustainable development</i>

16:45-18:30 Thematic Session 5: Biodiversity Conservation

Tbilisi State University, Room 101

Chair: Mr Armen Gevorgyan, National Academy of Science of Armenia

David Tarkhnishvili, Alexander Gavashelishvili, Marine Murtskhvaladze, Mumladze Levan	<i>Caucasus mountains as a reservoir of biodiversity across geological time</i>
Alexey Gunya, Yuri Karaev, Hetag Kasaev	<i>Possibility of creation and perspectives of the Caucasian Biosphere Reserves Association</i>
Ramiz Mammadov, Natavan Jafarova	<i>Dynamics of desertification processes in the eastern part of the Republic of Azerbaijan</i>
Irakli Matcharashvili.	<i>Assessment of forest governance in Georgia</i>

Day 2: Tuesday, November 29

9:30-10:30 Plenary Session 2: Hazard Mapping: A Case of Georgia

Tbilisi State University, Main Auditorium

Moderator: Mr André Wehrli, Mountain Desk, Swiss Agency for Development and Cooperation

Ms Tamar Bagratia Director of Georgian National Environmental Agency (NEA),
Welcoming Remarks

Mr Josep Kinkladze Head of Hydrometeorological Hazards Recording and Analysis
Section, NEA Georgia, *Key elements of successful partnership:
NEA/SDC project on disaster risk reduction*

Mr George Gotsiridze GeoGraphic, Georgia, *Hazard Mapping in Georgia: Experience and
the Way Forward*

Panel Discussion:

Mr. Ramiz Mammadov Director of Institute of Geography of National Academy of Science of
Azerbaijan

Mr. Hamlet Matevosyan Rector of Crisis Management State Academy, Armenia

10:30-11:15 Coffee Break

11:15-13:00 Thematic Session 6: Landscape, Geology, and Management of Natural Resources

Tbilisi State University, Room 107

Chair: Mr George Lominadze, Institute of Geography, Georgia

Nodar Elizbarashvili Giorgi Meladze, Salome Khvedelidze, Tamar Cecadze	<i>Geographical peculiarities and topical issue of the sustainable development of South Caucasus</i>
Raisa Gracheva, Ilia Shokunov, Anzor Tavartkiladze	<i>Mountain environment shaped by catastrophic landslides</i>

Nodar Varamashvili, Chelidze Tamaz, Chelidze Zurab	<i>Landslide and acoustic emission</i>
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11:15-13:00 Workshop 2: Leveraging Spatial Data

Tbilisi State University, Room 115

Chair: Mr Armen Gevorgyan, National Academy of Science of Armenia

Mamuka Gvilava	<i>SDI Initiatives in Georgia with Emphasis on Biodiversity and Climate Action</i>
Dr. Hanns Kirchmeir, Giorgi Mikeladze	<i>Remote-sensing tools for erosion control and pasture management in Tusheti, Georgia</i>
Irina Bushueva	<i>Examples of use of spatial data in the Institute of Geography RAS</i>
Suren Arakelyan	<i>Adapting a GEOSS/SDI training manual for use in the Caucasus</i>
Elvin Amrahov	<i>Current status of Spatial Data Infrastructure (SDI) in Azerbaijan</i>
Yaniss Guigos	<i>Spatial Data Infrastructure (SDI) Pilot for the Caucasus</i>

11:15-13:00 Thematic Session 7: Management of Water Resources

Tbilisi State University, Room 105

Chair: Mr Rovshan Abbasov, Khazar University

Tatiana Kuderina	<i>Geochemical monitoring of natural water in Caucasus landscape-geochemical arenas</i>
Rovshan Abbasov	<i>Ecosystem services of small mountain streams in Azerbaijan</i>
Anush Arakelyan	<i>Ichthyofauna of Armenian Rivers belonging to Kura river basin and the human impact on it</i>

13:00-14:15 Lunch

14:15-16:00 Thematic Session 8: Regional Development II (Interdisciplinary Analysis)

Tbilisi State University, Room 107

Chair: Mr Kamran Shayesteh, Department of Environmental Sciences, Faculty of Natural Resources and Environment, Malayer University

Vyacheslav Baburin	<i>The aggregate costs method for estimating the rise in price factors of population living and economic activities</i>
Mehmet Somuncu	<i>Land-use and land cover change in mountain pastures of the Eastern Black Sea mountains, Turkey</i>

14:15-16:00 Thematic Session 9: Teaching and Learning Practices

Tbilisi State University, Room 101

Chair: Ms Raisa Gracheva, Institute of Geography of Russian Academy of Sciences

Susanne Waltraud Schwarz	<i>Outdoor learning soil</i>
Gayane Poghosyan, Gayane Melkonyan	<i>Implementing the project "Learning for the future" in the context of "Education for sustainable development" in Armenia</i>
Gulnoza Akhmadova	<i>Goal-oriented teaching English to refugees</i>

16:00-16:45 Coffee and Posters*Tbilisi State University, Main Auditorium reception space***16:45-18:30 Thematic Session 11: History and Anthropology***Ilia State University, Bookstore "Ligamus"*

Chair: Mr Ramiz Mammadov, Director of Institute of Geography of National Academy of Science of Azerbaijan

Marine Ghazaryan, Artavazd Nazaretyan	<i>Sustainable development and historical preservation</i>
Alexander Gavashelishvili, David Tarkhnishvili	<i>Genetic structure of human populations explains expansion of humans in the Caucasus in pre-historic times</i>
Zakir Eminov, Rovshan Karimov, Etibar Badalov	<i>Changes in distribution of population and settlements of Azerbaijan by altitude belts</i>
Vladimir Matskovsky, Umalat Gadiev, Arseniy Kudikov, Nikita Lomakin	<i>Dendrochronological and radiocarbon dating of medieval buildings in the mountain part of Ingushetia</i>

16:45-18:30 Thematic Session 12: Biodiversity II*Ilia State University, Room B201*

Chair: Mr David Tarkhnishvili, Dean of School of Natural Sciences and Engineering, Ilia State University

Farid Seyfullayev	<i>Climate change impacts on relict chestnut-leaved oak (<i>Quercus castaneifolia</i>) in Azerbaijan</i>
Grigory Insarov	<i>Montane Lichens as monitors of global change pressure</i>
Siranush Nanagulyan, Lusine Margaryan, Yeva Hovhanisyan	<i>Distribution and analysing of macroscopic fungi depending on the vertical vegetation zones and plant communities in Shikahogh State Reserve</i>

16:45-18:30 Workshop 3: Research for Communities and/or Research with Communities: Transdisciplinary research and teaching in sustainable mountain development and tourism

Ilia State University, Room A101

Moderator: Ms Tamara Mitrofanenko, University of Natural Resources and Life Sciences Vienna (BOKU)

Raisa Gracheva	<i>Research for development. Approaches, practice and results. Experience of Summer School 2016</i>
Heino Meessen, Nodar Elizbarashvili, Ashot Khoetsyan, Rusudan Simonidze	<i>Transdisciplinarity in teaching and research on sustainable mountain development"</i>
Tamara Mitrofanenko, Christian Maurer, Mariana Unapkoshvili, Merab Khokhobaia, Joseph Salukvadze, Armen Gevorgyan, Ashot Khoetsyan	<i>Transdisciplinarity for Sustainable Tourism Development in the Caucasus Region (CaucaSusT)</i>

Day 3: Wednesday, November 30**8:45-10:30 Thematic Session 13: Climate Change and Climate Change Impacts***Tbilisi State University, Room 115*

Chair: Ms Nina Shatberashvili, NGO Sustainable Caucasus, SNC-mt Secretariat, Iliia State University

Raisa Gracheva, Elena Belonovskaya, Vera Vinogradova, Iliia Shorkunov	<i>Present-day convergence of vegetation and soils of pastoral ecosystems of the Central Caucasus: land use history and climate change</i>
Bakhram Nurtaev	<i>Long term trends in climate variability of Caucasus Mountains</i>
Ekaterina Dolgova	<i>June–September temperature reconstruction in the Northern Caucasus based on blue intensity data</i>
Sadig Hasanov, Islam Mustafayev, Hokman Mahmudov	<i>Assessment of GHG emissions from transport sector of Azerbaijan: Pollution and climate change</i>

8:45-10:30 Thematic Session 14: Spatial Information Management

Tbilisi State University, Room 107

Chair: Ms Tamar Bakuradze, GeoGraphic

Avtandil Amiranashvili, Nino Japaridze.; Lia Kartvelishvili, Ketevan Khazaradze, Rusiko Khazaradze	<i>Tourism climate index in some locations of Georgia</i>
Aram Gevorgyan	<i>Decision support system for integrated water resources management in Armenia</i>

10:30-10:45 Coffee Break

Tbilisi State University, Main Auditorium reception space

10:45-12:45 Closing Session: Towards a Regional Research Agenda

Tbilisi State University, Main Auditorium

Moderator: Mr Jörg Balsiger, University of Geneva, Coordinator of the project “Supporting Sustainable Mountain Development in the Caucasus”

Towards a regional research agenda:

Mr Joseph Salukvadze Tbilisi State University

Discussion panel:

Mr Mehmet Somuncu Ankara University, *South East European (SEEmore) Experience*

Ms Katarzyna Ostapowicz Institute of Geography and Spatial Management, Jagiellonian University, *Carpathian (S4C) Experience*

12:45-14:00 Lunch

Day 4: Thursday, December 1

9:00 - 16:00 Proposal Writing Workshop

(pre-registration required)

Trainers: Mr Jörg Balsiger, University of Geneva, Coordinator of the project “Supporting Sustainable Mountain Development in the Caucasus”
Mr Robert Atkinson, Sustainable Caucasus, SNC-mt Coordination Unit

Poster Presentations

(During coffee breaks in the Main Auditorium of Tbilisi State University anteroom)

Karen Ghazaryan, Hasmik Movsesyan, Hrant Khachatryan, Naira Ghazaryan	<i>Environmental geochemistry of heavy metals and arsenic in soils around Zangezur Copper and Molybdenum Combine, Armenia</i>
Avtandil Amiranashvili, Viktor Chikhladze, Laghidze Lamzira, Dali Nikolaishvili, Khatia Tavidashvili	<i>Retrospective analysis of damage to agricultural crops from the hail in Kakheti, Georgia</i>
Givi Tuaev	<i>Agroecological zoning of soils Shida Kartli</i>
Astghik Poghosyan, Inessa Eloyan, Iren Shahazizyan, Siranush Nanagulyan	<i>Taxonomic and cenotic analysis of bryoflora of volcanic mountain range of Arailer, Armenia</i>
Irakli Matcharashvili.	<i>Impact of hydropower development to ecosystem services in Georgia</i>
Natalia Miroshnichenko, Tatyana Golybochkina, S. Bagaev	<i>Peculiarity of socio-economic development of mountain regions of Ossetia-Alania Republic</i>
Tatiana Khromova, Gennady Nosenko	<i>Mountain glaciers changes on the territory of Russia</i>
Elya Sahakyan, Mikayel Gevorgyan, Hayk Igityan	<i>The features of seismogenic zones in Javakheti determined by the Spitak earthquake of 1988</i>
Avtandil Amiranashvili, Viktor Chikhladze, Ucha Dzodzuashvili, Nugzar Ghlonti, Ioseb Sauri.	<i>Restoration the weather modification service in Georgia</i>
Jeren Kazanchi, Marine Mosulishvili	<i>Discovery of ethnobotanical knowledge patterns of mountain plants along the Georgian-Turkish border</i>
Polina Morozova, Oleg Rybak	<i>Downscaling of the climate model data for the mass balance calculation of mountain glaciers for future climate scenario - supported by RFBR grant 15-05-00567</i>
Magda Bobokhidze	<i>Meaning of industry in preserving mountain population in Georgia</i>

List of Participants

Last Name	First Name	Institution	Country	Session Number
Abbasov	Rovshan	Khazar University	Azerbaijan	Thematic Session 7
Abulashvili	Ana	Sustainable Caucasus	Georgia	n/a
Ahmadov	Zahir	Swiss Agency for Development and Cooperation, Office Azerbaijan	Azerbaijan	n/a
Akhmadova	Gulnoza	Navoi International Airport	Uzbekistan	Thematic Session 9
Amiranashvili	Avtandil	Institute of Geography, Tbilisi State University	Georgia	Thematic Session 14; Poster Presentations
Arakelyan	Anush	Scientific Center of Zoology and Hydroecology, Institute of Zoology, National Academy of Science	Armenia	Thematic Session 7
Arakelyan	Suren	"GEORISK" Scientific Research Company	Armenia	Workshop 2
Atkinson	Robert Ian	Sustainable Caucasus	Switzerland	Proposal Writing Workshop
Baburin	Vyacheslav	Lomonosov Moscow State University	Russian Federation	Thematic Session 8
Badalov	Etibar	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Session 11
Badina	Svetlana	Lomonosov Moscow State University	Russian Federation	Thematic Session 1
Badov	Aleksandr	Khetagurov North Ossetia State University	Russian Federation	Thematic Session 4
Bagratia	Tamar	National Environmental Agency	Georgia	Plenary session 2
Bakuradze	Tamar	Geographic	Georgia	Thematic Session 14
Balsiger	Jörg	Geneva University	Switzerland	Closing Session & Proposal Writing Workshop
Barateli	Natia	Ilia State University	Georgia	n/a
Belonovskaya	Elena	Institute of Geography, Russian Academy of Sciences	Russian Federation	Thematic Session 13
Bobokhidze	Magda	Caucasus University	Georgia	Poster Presentation
Bürki	Olivier	Swiss Agency for Development and Cooperation	Georgia	Opening Session
Bushueva	Irina	Institute of Geography, Russian Academy of Sciences	Russian Federation	Workshop 2
Chargazia	Khatuna	State Military Scientific-Technical Center Delta; M. Nodia Institute of Geophysics, Tbilisi State University	Georgia	Thematic Session 1
Chelidze	Tamaz	Institute of Geography, Tbilisi State University	Georgia	Thematic Session 6
Chichinadze	David	Swiss Agency for Development and Cooperation	Georgia	n/a
Chikhladze	Viktor	Institute of Geography, Tbilisi State University	Georgia	Poster Presentation
Dadiani	Levan	Oxfam	Georgia	Workshop 1
Dolgovala	Ekaterina	Institute of Geography, Russian Academy of Sciences	Russian Federation	Thematic Session 13
Drozdov	Alexander	Institute of Geography, Russian Academy of Sciences	Russian Federation	Thematic Session 3

Last Name	First Name	Institution	Country	Session Number
Elizbarashvil	Nodar	Tbilisi State University	Georgia	Workshop 3, Thematic Session 6
Eloyan	Inessa	Yerevan State University	Armenia	Poster Presentation
Eminov	Zakir	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Session 11
Epitashvili	George	Ilia State University	Georgia	n/a
Gabrielyan	Aram	UNFCCC Focal Pont	Armenia	Plenary Session 1
Garayev	Azer	European Neighborhood and Partnership Instrument East Countries Forest Law Enforcement and Governance II Program	Azerbaijan	n/a
Gardashov	Rauf	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Session 2
Gavashelishvili	Alexander	Institute of Ecology, Ilia State University	Georgia	Thematic Sessions 11 & 5
Gevorgyan	Mikayel	Institute of Geological Sciences, National Academy of Sciences	Armenia	Poster Presentation
Gevorgyan	Aram	Yerevan State University	Armenia	Thematic Session 14
Gevorgyan	Armen	National Academy of Science	Armenia	Thematic Session 5, Workshops 2 & 3
Gharibi	Shiva	Department of Environmental Sciences, Faculty of Natural Resources and Environment, Malayer University	Iran	Thematic Session 3
Ghazaryan	Karen	Yerevan State University	Armenia	Poster Presentation
Ghazaryan	Marine	National University of Architecture and Construction	Armenia	Thematic Session 11
Ghlonti	Nugzar	Institute of Geography, Tbilisi State University	Georgia	Poster Presentation
Gogaladze	Lika	Ilia State University	Georgia	n/a
Golybochkina	Tatyana	Khetagurov North Ossetia State University	Russian Federation	Poster Presentation
Gotsiridze	George	Geographic	Georgia	Plenary session 2
Gracheva	Raisa	Institute of Geography, Russian Academy of Sciences	Russian Federation	Thematic Sessions 6 & 9, Workshop 3
Gugeshashvili	Meri	Tbilisi State University	Georgia	Thematic Session 3
Guigos	Yaniss	Geneva University	Switzerland	Workshop 2
Gvilava	Mamuka	Geographic	Georgia	Workshop 2
Hasanov	Sadig	Institute of Radiation Problems National Academy of Sciences of Azerbaijan	Azerbaijan	Poster Presentation
Hovhannisyan	Sergey	Swiss Agency for Development and Cooperation, Office in Armenia	Armenia	n/a
Huseynova	Khadjakhanim	Institute of Geography, National Academy of Sciences	Azerbaijan	n/a
Igityan	Hayk	Institute of Geological Sciences	Armenia	Thematic Session 1, Poster Presentation
Imamverdiyev	Nijat	Institute of Geography, National Academy of Sciences	Azerbaijan	n/a
Insarov	Grigory	Institute of Geography, Russian Academy of Sciences	Russian Federation	Thematic Session 12

Last Name	First Name	Institution	Country	Session Number
Jabrayilov	Emil	Institute of Geography, National Academy of Sciences	Azerbaijan	n/a
Jafarova	Natavan	National Aerospace Agency	Azerbaijan	Thematic Session 5
Japaridze	Nino	Tbilisi State Medical University, Ministry of Labour, Health and Social Affairs	Georgia	Thematic Session 14
Jurek	Matthias	United Nations Environment Programme	Austria	Plenary Session 1
Karaev	Yuri	North Caucasian Institute of Mining and Metallurgy	Russian Federation	Thematic Session 5
Karimov	Rovshan	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Sessions 4 & 11
Kartvelishvili	Lia	National Environmental Agency of Georgia	Georgia	Thematic Session 14
Kasaev	Hetag	North Caucasian Institute of Mining and Metallurgy	Russian Federation	Thematic Session 5
Kazanchi	Jeren	Ilia State University	Georgia	Poster Presentation
Khazaradze	Ketevan	Ministry of Labour, Health and Social Affairs of Georgia, State Teaching University of Physical Education and Sport	Georgia	Thematic Session 14
Kirchmeir	Hanss	E.C.O. Institute of Ecology	Austria	Workshop 2
Khoetsyan	Ashot	CDE/SCOPE 2	Armenia	Workshop 3
Khromova	Tatiana	Institute of Geography, Russian Academy of Sciences	Russian Federation	Poster Presentation
Khurtsidze	Mamuka	Geographic	Georgia	n/a
Kinkladze	Ioseb	National Environmental Agency	Georgia	Plenary session 2
Koryukhin	Dimitri	Lomonosov Moscow State University	Russian Federation	n/a
Kuderina	Tatiana	Institute of Geography, Russian Academy of Sciences	Russian Federation	Thematic Session 7
Kutaladze	Nato	National Environmental Agency	Georgia	Plenary Session 1
Kuznetsova	Veronika	Institute of Geography, Russian Academy of Sciences	Russian Federation	Thematic Session 2
Kvirkvelia	Nana	Tbilisi State University	Georgia	Thematic Session 3
Kvitaishvili	Ilia	Rural and Agricultural Policy and Development Institute	Georgia	Workshop 1
Laghidze	Lamzira	Tbilisi State University	Georgia	Poster Presentation
Lazrievi	Grigol	Ministry of Environment and Natural Resources Protection, UNFCCC Focal Point	Georgia	Plenary Session 1
Lominadze	Giorgi	Institute of Geography, Tbilisi State University	Georgia	Thematic Session 6
Machavariani	Merab	Ilia State University	Georgia	n/a
Mammadov	Ramiz	Institute of Geography, National Academy of Sciences	Azerbaijan	Plenary session 2, Thematic Sessions 5 & 11
Margaryan	Lusine	Yerevan State University	Armenia	Thematic Session 12
Matcharashvili	Irakli	Ilia State University	Georgia	Thematic Session 10; Poster presentation
Matevosyan	Hamlet	Crisis Management State Academy	Armenia	Plenary Session 2
Matskovsky	Vladimir	Institute of Geography, Russian Academy of Sciences	Russian Federation	Thematic Session 11
Maurer	Christian	University of Applied Sciences Krems	Austria	Workshop 3

Last Name	First Name	Institution	Country	Session Number
Mehdiyev	Bariz	Director of Azerbaijan Branch Office of REC Caucasus	Azerbaijan	Plenary Session 1
Melkonyan	Gayane	National Academy of Science	Armenia	Thematic Session 9
Messen	Heino	Centre for Development and Environment (CDE), University of Bern	Switzerland	Workshop 3
Mikeladze	Giorgi	GIS-LAB Tbilisi	Georgia	Workshop 2
Mikhalenko	Vladimir	Institute of Geography, Russian Academy of Sciences	Russian Federation	Thematic Session 2
Miroshnichenko	Natalia	Khetagurov North Ossetia State University	Russian Federation	Poster Presentation
Mitrofanenko	Tamara	The Institute of Landscape Development, Recreation and Conservation Planning at the University of Natural Resources and Life Sciences	Austria	Workshop 3
Morozova	Polina	Institute of Geography, Russian Academy of Sciences	Russian Federation	Poster Presentation
Muhar	Andreas	Centre for Development and Environment (CDE), University of Bern	Switzerland	Workshop 3
Mumba	Musonda	United Nations Environment Programme	Kenya	Plenary Session 1
Mumladze	Levan	Institute of Ecology, Ilia State University	Georgia	Thematic Session 5
Murtskhvaladze	Marine	Institute of Ecology, Ilia State University	Georgia	Thematic Session 5
Nanagulyan	Siranush	Yerevan State University	Armenia	Thematic Session 12, Poster Presentation
Nazaretyan	Artavazd	Ministry of Urban Development	Armenia	Thematic Session 11
Nikolaishvili	Dali	Tbilisi State University	Georgia	Poster Presentation
Nosenko	Gennady	Institute of Geography, Russian Academy of Sciences	Russian Federation	Poster Presentation
Nurtaev	Bakhram	Institute of Helioclimatology	Germany	Thematic Session 13
Ostapowicz	Katarzyna	Institute of Geography and Spatial Management Jagiellonian University	Poland	Closing Session
Poghosyan	Astghik	Yerevan State University	Armenia	Poster Presentation
Polumieva	Polina	Institute of Geography, Russian Academy of Sciences	Russian Federation	Thematic Session 2
Radvanyi	Jean	Institut National des Langues et Civilisations Orientales (INALCO), Catastrophic shifts in dryland ecosystems (CASCADE) project	France	Opening Session
Rybak	Oleg	Institute of Geography, Russian Academy of Sciences	Russian Federation	Poster Presentation
Sahakyan	Elya	Institute of Geological Sciences, National Academy of Sciences	Armenia	Thematic Session 1, Poster Presentation
Salukvadze	Joseph	Tbilisi State University	Georgia	Thematic Session 4, Workshop 3, Closing Session
Schwarz	Susanne Waltraud	n/a	Georgia	Thematic Session 9
Seyfullayev	Farid	National Academy of Science	Azerbaijan	Thematic Session 12
Shatberashvili	Nina	Sustainable Caucasus	Georgia	Thematic Sessions 2 & 12
Shayesteh	Kamran	Department of Environmental Sciences, Faculty of Natural	Iran	Thematic Sessions 3 & 9

Last Name	First Name	Institution	Country	Session Number
		Resources and Environment, Malayer University		
Shervashidze	George	Tbilisi State University	Georgia	Opening Session
Simonidze	Rusudan	Greens Movement/Friends of Earth of Georgia	Georgia	Workshop 3
Solomina	Olga	Institute of Geography, Russian Academy of Sciences	Russian Federation	Opening Session
Somuncu	Mehmet	Ankara University	Turkey	Thematic Sessions 3 & 8; Closing Session
Tarkhnishvili	David	Institute of Ecology, Ilia State University	Georgia	Thematic Sessions 5, 11 & 12
Tavartqiladze	Anzor	Georgian Soil Science Society	Georgia	n/a
Tavidashvili	Khatia	Tbilisi State University	Georgia	Poster Presentation
Toropov	Alexander	Lomonosov Moscow State University	Russian Federation	Thematic Session 2
Tsanava	Valerian	Subtropical Crops and Tea Industry of Agrarian University	Georgia	n/a
Tsikvadze	Nana	Sustainable Caucasus	Georgia	n/a
Tsitsagi	Mariam	Tbilisi State University	Georgia	Thematic Session 3
Tuaev	Givi	Khetagurov North Ossetia State University	Russian Federation	Poster Presentation
Unapkoshvili	Mariana	Tbilisi State University	Georgia	Workshop 3
Varamashvili	Nodar	Tbilisi State University	Georgia	Thematic Session 6
Venzi	Lorenzo	University of Telavi/University of Tuscia	Georgia/Italy	Thematic Session 4
Wehrli	André	Swiss Agency for Development and Cooperation	Switzerland	Plenary session 2
Yigitbasioglu	Hakan	Ankara University	Turkey	Thematic Session 1
Zedania	Giga	Ilia State University	Georgia	Opening Session

Organizing Committee

- Joseph Salukvadze, Tbilisi State University (Co-Chair)
- David Tarkhnishvili, Ilia State University (Co-Chair)
- Jörg Balsiger, University of Geneva
- Armen Gevorgyan, Armenian National Academy of Sciences
- Raisa Gracheva, Russian Academy of Sciences
- Matthias Jurek, United Nations Environment Programme
- Ramiz Mammadov, Azerbaijan Academy of Sciences
- Kamran Shayesteh, Malayer University
- Mehmed Somuncu, Ankara University
- Hakan Yiğitbaşıoğlu, Ankara University
- Nina Shatberashvili, Caucasus Network for Sustainable Development of Mountain Regions (Sustainable Caucasus), Secretariat of SNC-mt

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- Ana Abulashvili, Caucasus Network for Sustainable Development of Mountain Regions (Sustainable Caucasus), Secretariat of SNC-mt
- Mikhail Kochakidze, Caucasus Network for Sustainable Development of Mountain Regions (Sustainable Caucasus), Secretariat of SNC-mt, Ultra Ltd.
- Mariana Unapkoshvili, Tbilisi State University
- Giorgi Epatashvili, Ilia State University
- Natia Barateli, Ilia State University