

# Second Caucasus Mountain Forum

# PROGRAMME

The Caucasus  
Research Agenda –  
a Key to Sustainable  
Regional Development

30 October - 1 November, 2019  
Ankara, Turkey



Scientific Network  
for the Caucasus  
Mountain Region



**UNIVERSITÉ  
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Sustainable Mountain Development  
University of the Pacific and UNIS



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Building on the success of the First Caucasus Mountain Forum (CMF 2016), the members of the SNC-mt Scientific Steering Group decided that the Mountain Forum should be held regularly to ensure the sustainability of scientific cooperation and exchange, and the continuation of regular dialogue supporting the science-practice interface.

The Second Caucasus Mountain Forum follows in the footsteps of CMF 2016 in serving as a crucial opportunity for constructive interaction between scientists, governmental experts, and practitioners to debate on opportunities and challenges; and to make contributions to the improved coordination of sustainable development in the Caucasus region.

One of the main goals of the Caucasus Mountain Forum 2019, organized under the title: *The Caucasus Regional Research Agenda: Key to Sustainable Regional Development*, held on 30 October to 1 November 2019 in Ankara, Turkey, is to formally approve the Caucasus Regional Research Agenda (C-RRA): <http://caucasus-mt.net/regional-research-agenda>. Accordingly, this year's CMF theme encompasses the subject areas covered in the C-RRA, with a focus on identifying the current state of knowledge in the Caucasus region, key challenges and opportunities, and priority gaps for scientific research and development.

The specific objectives of the Second Caucasus Mountain Forum are to:

- review and approve the Caucasus Regional Research Agenda (C-RRA);
- share scientific findings and practitioner experiences generated since CMF 2016;
- enhance the links between research, policymaking and practice in the field of sustainable mountain development;
- draw the attention of Caucasus-country practitioners to needs and priorities in research and development for a sustainable future in the Caucasus;
- showcase the latest scientifically informed activities fostering progress towards sustainability in the Caucasus mountain region; and
- promote sub-regional, regional, and international cooperation, exchange of knowledge and know-how among scientific groups working for sustainable mountain development.

As hosts and organisers, we are very pleased to welcome you to Ankara! We wish to thank the many dedicated people—scientists and academics, governmental experts and practitioners, donors, international experts, local communities, and interested members of the general public, in particular from countries of the wider Caucasus region—who have all helped to organise this event. We express particular gratitude to the Swiss Agency for Development and Cooperation, and the United Nations Environment Programme and Austrian Development Agency for their financial support.

# Second Caucasus Mountain Forum

Caucasus Regional Research Agenda:  
Key to Sustainable Regional Development

Programme

30 October – 1 November 2019

Host: Ankara University, Ankara, Turkey

Venue: Ankara University, Faculty of Languages, History and  
Geography

Day 1: Wednesday, October 30

8:00-9:00	<b>Welcome coffee and registration</b> <i>Farabi Foyer</i>
9:00-10:45	<b>Opening session</b> <i>Farabi Hall</i>
	<b>Welcoming remarks</b> Mehmet Somuncu, Director of Centre for Environmental Studies, Head of Department of Geography, Ankara University Erkan İbiş, Rector, Ankara University Werner Thut, Deputy Regional Director South Caucasus, Swiss Agency for Development and Cooperation
	<b>Europe's mountains: Key issues for sustainable mountain development and research</b> Prof. Dr. Martin Price, UNESCO Chair in Sustainable Mountain Development; Director, Centre for Mountain Studies, Perth College: University of the Highlands and Islands
	<b>Presentation of the Caucasus Regional Research Agenda</b> Prof. Dr. Joseph Salukvadze, Human Geography Department, Tbilisi State University
10:45-11:15	<b>Coffee break</b> <i>Farabi Foyer</i> <i>Caucasus Regional Research Agenda Topics: Feedback and rankings</i>

11:15-13:00	<b>Thematic Session 1:</b> <b>Demographic trends in mountain settlements</b> <i>Farabi Hall</i> Chair: Dr. Raisa Gracheva, Leading Researcher, Institute of Geography, Russian Academy of Science	
	Demographic trends in borderline regions of east Caucasus mountains (Georgia)	Mariam TSITSAGI
	Settlement features in the Shaki-Zagatala economic and geographical region	Bayimkhanim HUSEINOVA
	Sustainable demographic development in Azerbaijani regions	Rovshan KARIMOV
	Depopulation of mountain territories: The North Ossetian example	Oleg BADOV, Alexander BADOV
	Cities located in mountain areas of Azerbaijan and their geo-demographic development	Zakir EMINOV, Etibar BADALOV
11:15-13:00	<b>Thematic Session 2:</b> <b>Socio-economic aspects of mountain development I</b> <i>Geographic Information System and Cartography Hall – 407</i> Chair: Dr. Andrei Medvedev, Head, Cartography Department, Institute of Geography, Russian Academy of Science	
	Caucasus mineral resources as a primary precondition of sustainable regional development	Archil MAGALASHVILI
	Ecological problems of the Caucasus mountains: What are the prospects for solutions?	Houssein BAGHIROV
	Socio-economic development of Georgian mountain regions: The Racha example	Tatiana SITCHINAVA
	Geographical features of non-timber forest product use	Teona KOBALIA

<b>11:15-13:00</b>	<b>Thematic Session 3:</b> <b>Water resources</b> <i>Piri Reis Hall – 409</i> Chair: Prof. Dr. Ramiz Mammadov, Director, Institute of Geography, Azerbaijan National Academy of Science	
	Sustainable management of urban water resources in Ganja	Samid ISLAMOV
	Lake Sevan, Armenia: Investigation of current ecological status and toxicological conditions	Gor GEVORGYAN, Irina TIKHONOVA, Armine MAMYAN, Olga BELYAKH, Anahit HOVSEPYAN, Anton KUZMIN, Armine HAYRAPETYAN
	Kura River water quality: An assessment	Rashail ISMAYILOV
	A socio-ecological atlas for the Upper Kura Basin	Murat ÇEVİK, Eren ÇAĞDAŞ BILGIÇ, Anıl ALBAYRAK, Rumeysa ORHAN, Dilara Büşra DURMUŞ, Ömür Can ÖNER, Didem ÖZTÜRK KONYA, Engin GEM
	How to save the Aras Basin through water diplomacy among Caucasus countries	Mahdi ZARGHAMI, Mahmood RASHIDI
<b>11:15-13:00</b>	<b>Thematic Session 4:</b> <b>Ecosystem conservation and ecosystem-based solutions</b> <i>Conference Hall - 116</i> Chair: Matthias Jurek, Programme Management Officer, UN Environment	
	Introducing payments for ecosystem services for high mountain ecosystems in Azerbaijan	Pasquale Lucio SCANDIZZO, Rovshan ABBASOV
	Valuation of carbon sequestration function in Tayemeh rangelands in Malayer county - Western Iran	Kamran SHAYESTEHE, Mojtaba GHANDALI,

	Representativeness of protected areas in the North Caucasus	Elena BELONOVSKAYA Nikolay SOBOLEV
	Protected areas in Azerbaijan: Landscape-ecological diversity and sustainability	Mirnuh ISMAYILOV, Emil JABRAYILOV
	Ecosystem-based adaptation strategies to combating climate change risks and food insecurity in Iran	Sajjad GHANBARI
<b>11:15-13:00</b>	<b>Thematic session 5:</b> <b>Sociopolitical dimensions of regional development</b> <i>Muzaffer Göker Hall</i> Chair: Prof. Dr. Jörg Balsiger, Director of The Environmental Governance and Territorial Development Hub/Institute (GEDT), University of Geneva; Chair of Mountain Research Initiative	
	Caucasus borders in the context of modern socio-political trends	Alexey GUNYA
	Southern Caucasian students' perceptions of Turkey	Yıldız DEVECİ BOZKUŞ
	Development of Georgia's pipeline infrastructure and Caucasus transit corridor	Nana DEISADZE
	Political geographies of Georgia's parliamentary capital: State-building in Kutaisi	Iza VASHAKIDZE
	New research trends for the Caucasus mountains: A bibliometric analysis	İsmet GÜNEY, Merve ALTUNDAL ÖNCÜ, Mehmet SOMUNCU
<b>13:00-14:00</b>	<b>Lunch</b> <i>Farabi Foyer</i> <i>Caucasus Regional Research Agenda Topics: Continued feedback and rankings</i>	

<p><b>14:00-15:45</b></p>	<p><b>Plenary session 1: Climate change</b> <i>Farabi Hall</i> Moderator: Prof. Dr. Nuzhet Dalfes, Earth System Science at the Eurasia Institute of Earth Sciences of Istanbul Technical University</p>	
	<p><i>Climate change impact on the Caucasus mountain regions</i> Dr. Olga Solomina, Director of the Institute of Geography of Russian Academy of Science</p>	
	<p><i>Climate Change Projection for in and around Turkey with Three Models and Two Scenarios</i> Dr. Mesut Demircan, Climate and Climate Change Division Manager, Research Department, Turkish State Meteorological Service</p>	
	<p><i>The Mountain Adaptation gap at policy level in the Caucasus and global level</i> Matthias Jurek, Programme Management Officer at UN Environment</p>	
<p><b>15:45-16:15</b></p>	<p><b>Coffee break:</b> <i>Farabi Foyer</i> <i>Caucasus Regional Research Agenda Topics: Continued feedback and rankings</i></p>	
<p><b>16:15-18:00</b></p>	<p><b>Thematic session 6: Climate change I</b> <i>Farabi Hall</i> Chair: Nina Shatberashvili, Caucasus Network for Sustainable Development of Mountain Regions, Sustainable Caucasus, Iliia State University</p>	
	<p>Predictive analytics of climate trends in Caucasus mountain region</p>	<p>Bakhram NURTAEV</p>
	<p>Paleoclimate of eastern Black Sea region in Turkey and the importance of glacial lakes and their sediment record</p>	<p>Ceran SEKERYAPAN</p>
	<p>Marginalized mountain regions under climate change</p>	<p>Raisa GRACHEVA, Vera VINOGRADOVA</p>
	<p>High school students' perceptions of environment and climate changes in forest and non-forest regions of Iran</p>	<p>Sajjad GHANBARI</p>

	Ice-core reconstructed winter and summer precipitation for the central Caucasus since 1774	Vladimir MIKHALENKO, Pavel TOROPOV, Sergey SOKRATOV, Michel LEGRAND, Susanne PREUNKERT, Stanislav KUTUZOV, Patrick GINOT
<b>16:15-18:00</b>	<b>Thematic session 7: Education for Sustainable Development</b> <i>Muzaffer Göker Hall</i> Chair: Prof. Majid F. Makhdoum, Department of Environmental Planning, Management and Education, Faculty of Natural Resources, University of Tehran, Director of the Board of Iranian Association for Environmental Assessment, Chair of Environmental Studies	
	Understanding the societal role of universities as a precondition for implementing transdisciplinarity: An exploratory case study of Armenia	Tigran KERYAN, Andreas MUHAR, Tamara MITROFANENKO, Verena RADINGER-PEER, Christian POHL, Ashot KHOETSYAN
	Implementing transdisciplinary case-study approaches in the Caucasus universities: Experiences from Armenia and Georgia	Tamara MITROFANENKO, Tigran KERYAN, Lela KHATRISHVILI, Andreas MUHAR, Kristina TANAJAN
	Establishing a distance-education model for disseminating the use of geographic information systems in planning in the Caucasus region	Yaşar NASIBLI, Saye ÇABUK, Alper ÇABUK
<b>16:15-18:00</b>	<b>Thematic session 8: Pollution and safety</b> <i>Geographic Information System and Cartography Hall – 407</i> Chair: Dr. Suren Arakelyan, GEORISK RS & GIS company, Caucasus SDI Focal Point in Armenia	



	Geochemical composition of atmospheric aerosols in the South of European Russia	Tatiana KUDERINA, Otto CHKHETIANI, Arsenii KUDIKOV
	Animal-vehicle collisions in the autonomous province of Bolzano, northern Italy – a spatiotemporal analysis	Fabian SCHWINGSHACKL, Filippo FAVILLI
	Assessing heavy metal concentrations in potatoes and beans in mountain regions using Spot 7 satellite images	Vahagn MURADYAN, Garegin TEPANOSYAN, Nairuhi MAGHAKYAN, Lilit SAHAKYAN, Shushanik ASMARYAN
<b>16:15-18:00</b>	<b>Workshop 1:</b> <b>Natural disasters</b> <i>Conference Hall – 116</i> Chair: Anna Scolobig, Senior Research Associate, Environmental Governance and Territorial Development Institute, University of Geneva	
	Distance learning module on natural hazards for the Caucasus	Jörg BALSIGER
	GIS-based multi-risk assessment of potential losses and impact to key infrastructure induced by an earthquake scenario in the city of Kapan, Armenia	Suren ARAKELYAN, Arkady KARAKHANYAN, Gohar HOVHANNESYAN, Hektor BABAYAN, Hayk BAGHDASARYAN, Mikayel GEVORGYAN, Avetis ARAKELYAN, Hayk IGITYAN, Samvel BABAYAN
	Natural hazards in the mountain regions of the Azerbaijan Republic and their GIS mapping	Ramiz MAMMADOV, Rovshan KARIMOV, Natavan JAFAROVA
	Landslide risk in the mountainous areas in Turkey	Hakan YIGITBASIOGLU

	Modelling of stochastic processes implementing various combinations of dangerous meteorological phenomena in the mountains of Caucasus	Mariam ELIZBARASHVILI, Nodar ELIZBARASHVILI
<b>16:15-18:00</b>	<b>Thematic session 9: Mountain development prospects and local population identity</b> <i>Piri Reis Hall – 409</i> Chair: Prof. Dr. Joseph Salukvadze, Human Geography Department, Tbilisi State University	
	Ethno-cultural aspects of the problem of socio-economic development of mountainous territories of Dagestan	Magomedkhan MAGOMEDKHANOV, Aleksandr BAKANOV
	The potential of religious identity for sustainable cultural development of the multi-religious Caucasus region	Svetlana LYAUSHEVA, Zuriel ZHADZE
	Ethnic diversity among the population living in the North-eastern Caucasus part of Azerbaijan	Resime ALIGULIYEVA
<b>19:00</b>	<b>Conference dinner</b>	

## Day 2: Thursday, 31 October 2019

<p><b>9:00-10:45</b></p>	<p><b>Plenary session 2: Management of mountain ecosystem services</b> <i>Farabi Hall</i> Moderators: Dr. Nugzar Zazanashvili, Conservation Director of WWF Caucasus Dr. Sedat Kalem, Conservation Director of WWF Turkey</p>	
	<p><i>Applying the Biosphere Reserve concept in mountain areas</i> Prof. Dr. Martin Price, UNESCO Chair in Sustainable Mountain Development Director, Centre for Mountain Studies, Perth College: University of the Highlands and Islands</p>	
	<p><i>Ecosystem services approach as a tool to inform decision-making towards sustainability: progress in the Carpathian region</i> Prof. Dr. Ihor Soloviy, Department for Ecological Economics, Ukrainian National Forestry University</p>	
	<p><i>Integrated Biodiversity Management in the South Caucasus</i> Benedikt Ibele, Team Leader, Georgia, Environmental Programme South Caucasus (ECOserve), GIZ</p>	
<p><b>10:45-11:15</b></p>	<p><b>Coffee break:</b> <i>Farabi Foyer</i> <i>Caucasus Regional Research Agenda Topics: Continued feedback and rankings</i></p>	
<p><b>11:15-13:00</b></p>	<p><b>Thematic session 10: Landscape transformation</b> <i>Farabi Hall</i> Chair: Asst. prof. Dr. Kamran Shayesteh, Department of Environmental Sciences, Faculty of Natural Resources and Environment, Malayer University</p>	
	<p>The role of anthropogenic factors in the transformation of Lankaran zone biomes</p>	<p>Yegana IBADLI</p>
	<p>Change of soil surface and ecology of the Gobustan area as a result of mud-volcano influence</p>	<p>Anara ABTALIBOV</p>
	<p>Investigation of the dynamics of landscapes on the basis of vegetation indications</p>	<p>Mirnuh ISMAYILOV, Shahnaz AMANOVA, Ilaha GULIYEVA</p>

	Transformation of high mountain landscape of the Greater Caucasus	Sevinj BURZUYEVA
	The role of static and dynamic factors in the ecogeomorphological regionalization of relief (North-eastern slope of the Lesser Caucasus)	Samira ABUSHOVA
<b>11:15-13:00</b>	<b>Thematic session 11:</b> <b>Tourism footprint</b> <i>Muzaffer Göker Hall</i> Chair: Prof. Dr. Mehmet Somuncu, Centre for Environmental Studies, Department of Geography, Ankara University	
	Invisible footprints of rapid tourism development: The evidence from the high mountains of Georgia	Gvantsa SALUKVADZE
	Second home tourism in the Eastern Black Sea region of Turkey: Development issue and mobility pattern	Mehmet SOMUNCU, Ayşe OKUYUCU, Merve ALTUNDAL ÖNCÜ
	Socio-economic and spatial aspects of development of tourism industry in Georgia (Case study of Samegrelo region)	Davit KVARATSKHELIA
	Primary problem identification for sustainable tourism development in destination	Ioseb KHELASHVILI, Lela KHARTISHVILI, Merab KHOKHOBAlA
	A GIS-based, multi-criteria decision-making approach for ecotourism site suitability evaluation in Arasbaran protected area, Iran	Sedighe ABDOLLAHI, Alireza ILDOROMI, Abdolrassoul SALMANMAHINI

11:15-13:00	<b>Thematic session 12: Biodiversity</b> <i>Geographic Information System and Cartography Hall – 407</i> Chair: Karen Jenderedjian, Legal Adviser to the Minister of Environment of the Republic of Armenia	
	Taxonomic diversity of <i>Desmidiáles</i> from the North-eastern Slopes of the Greater Caucasus mountain range in Azerbaijan	Aynur RASULOVA
	The status of Velvet Scoter ( <i>Melanitta fusca</i> ) breeding in Georgia	Nika PAPOSHVILI
	Study on endangered species of Yew ( <i>Taxus baccata L.</i> ) in different conservation situations in Arasbaran forests, Iran	Sajjad GHANBARI
	Morphological boundaries among Caucasian Rock Lizard species (Genus <i>Darevskia</i> )	Mariam GABELAIA
	The ichthyofauna of separate reservoirs of the Republic of Armenia and the factors influencing its formation	Samvel PIPOYAN, Anush ARAKELYAN
11:15-13:00	<b>Workshop 2: The role of universities in sustainability transformations in the Caucasus region (BOKU University)</b> <i>Conference Hall – 116</i> Moderator: Dr. Tamara Mitrofanenko, BOKU University	
	<i>Participatory panel discussion with representatives of the Caucasus countries:</i>	
	Assoc. Prof. Dr. Gor Aleksanyan, President of the Tavush Tourism Development Center, Faculty of Geography and Geology, Chair of Service, Yerevan State University, Armenia	
	Dr. Natavan Jafarova, Senior scientific worker, Azerbaijan National Academy of Sciences, Azerbaijan	
	Prof. Dr. Zurab Javakhishvili, School of Natural Sciences and Medicine, Ilia State University; Consultant at the Institute of Earth Sciences and National Seismic Monitoring Center, Georgia	

	<p>Prof. Dr. Majid F. Makhdoum, University of Tehran, Department of Environmental Planning, Management and Education, Faculty of Natural Resources; Director of the Board of Iranian Association for Environmental Assessment, Chair of Environmental Studies, Iran</p>
	<p>Dr. Alexey Gunya, Institute of Geography, Russian Academy of Sciences, the Russian Federation  Asst. Prof. Dr. Ceran Sekeryapan, Zonguldak Bulent Ecevit University, Department of Biology, Turkey</p>
<b>13:00-14:00</b>	<p><b>Lunch</b>  <i>Farabi Foyer</i>  <i>Caucasus Regional Research Agenda Topics: Continued feedback and rankings</i></p>
<b>14:00-15:45</b>	<p><b>Plenary session 3:  Sustainable tourism</b>  <i>Farabi Hall</i>  Moderators: Dr. Isil Kaymaz, Department of Landscape Architecture of Ankara University, Ankara University Journal of Environmental Sciences  Dr. Werner Thut, Deputy Director of Swiss Cooperation Office in Georgia, Swiss Agency for Development and Cooperation</p>
	<p><i>Experience of the Alpine region on sustainable tourism development</i>  Prof. Dr. Christian Baumgartner, University of Applied Sciences of the Grisons, Vice-President, International Commission for the Protection of the Alps (CIPRA)</p>
	<p><i>Sustainable tourism for people, peace and prosperity: through the transboundary lens of the Himalayan landscape</i>  Dr. Anu Kumari Lama, Tourism Specialist, International Centre for Integrated Mountain Development (ICIMOD)</p>
	<p><i>Nature in Living Culture / Transboundary tourism products reflecting South Caucasus</i>  Dr. Natalia Bakhtadze-Engländer, Ilia State University, Advisor of Georgia's Ecotourism Association</p>
<b>15:45-16:15</b>	<p><b>Coffee Break</b>  <i>Farabi Foyer</i>  <i>Caucasus Regional Research Agenda Topics: Continued feedback and rankings</i></p>

<p><b>16:15-18:00</b></p>	<p><b>Thematic session 13:</b>  <b>Natural disasters I</b>  <i>Farabi Hall</i>  Chairman: Prof. Hakan Yigitbasioglu, Department of Geography,  Faculty of Language and History-Geography, Ankara University</p>	
	<p>Proposals for geophysical investigations of landslide bodies and counter-landslide measures: The example of the Republic of Armenia</p>	<p>Hayk IGITYAN  Mikayel GEVORGYAN,  Hektor BABAYAN,  Elya SAHAKYAN</p>
	<p>Survey of landslides and debris flow hazards in the Upper Svaneti region, Georgia</p>	<p>Diana EGI AZAROVA</p>
	<p>Investigation of flooding event impact on territorial planning using the remote-sensing method in the Shaki district</p>	<p>Neriman PASHAYEV,  Nofal ERTUNOV</p>
	<p>Flood-risk assessment in the mountain rivers of Azerbaijan: The example of the Zayamchay basin</p>	<p>Mirzakhon MANSIMOV</p>
	<p>Evaluation of flash-flood risk of Tbilisi antrum rivers</p>	<p>Lado GRIGOLIA</p>
<p><b>16:15-18:00</b></p>	<p><b>Thematic session 14:</b>  <b>Sustainable energy</b>  <i>Conference Hall-116</i>  Chair: Prof. Dr. Archil Maghalashvili, Head of the Earth Sciences Department, School of Natural Sciences and Medicine, Ilia State University</p>	
	<p>The creation of a geographical information database of solar energy distribution in Azerbaijan</p>	<p>Khadjakhanim HUSEYNOVA</p>
	<p>Aspects of climate change and power engineering interrelationships and the role of renewable resources in this context (The example of Georgia)</p>	<p>Ketevan VEZIRISHVILI-NOZADZE,  Natia ARABIDZE</p>
	<p>Drone mapping for a dam: A detailed geological investigation in the Caucasus region</p>	<p>Bakur JINORIA</p>

<p><b>16:15-18:00</b></p>	<p><b>Thematic session 15:</b>  <b>Climate change impacts on biodiversity</b>  <i>Piri Reis Hall - 409</i>  Chair: Mary Kate Ugrekhelidze, Lecturer and Researcher, School of Natural Sciences and Medicine, Ilia State University</p>	
	<p>Changing alpine plant communities and soils in the Teberda Nature Reserve under climate change conditions</p>	<p>Mikhail MAKAROV,  Tatiana MALYSHEVA,  Maxim KADULIN,  Rida SABIROVA,  Vladimir ONIPCHENKO,  Alexandra AKSENOVA</p>
	<p>Impact of trophic status and climate change on the benthic community in Lake Sevan, Armenia</p>	<p>Karen JENDEREDJIAN,  Susanna HAKOBYAN</p>
	<p>Climate diversity of the Caucasus</p>	<p>Yılmaz ERKAN</p>
	<p>A bioclimatic characterization of high-elevation habitats in the Alborz mountains of Iran</p>	<p>Jalil NOROOZI,  Christian KÖRNER</p>
	<p>Climate change effects in the mountain regions of the North Caucasus</p>	<p>Vera VINOGRADOVA</p>
<p><b>16:15-18:00</b></p>	<p><b>Workshop 3:</b>  <b>Caucasus Spatial Data Infrastructure</b>  <i>Muzaffer Göker Hall</i>  Chair: Yaniss Guigoz, Lecturer, SDI and GIS specialist, UN Environment/GRID-Geneva</p>	
	<p>Development of spatial data portal with open source data for the Caucasus region</p>	<p>Önder DEMİR,  Talha AKSOY,  Balca AĞAÇSAPAN,  Serhat SARI,  Yaşar NASIBLI  Alper ÇABUK</p>
	<p>Establishing a landscape information system model for the Caucasus region using the Mil valley as a case study</p>	<p>Yaşar NASIBLI;  Saye Nihan ÇABUK;  Alper ÇABUK</p>



	Multi-temporal analysis of the ecological state of Lake Sevan based on remote-sensing, geochemical and bioindication methods	Andrei MEDVEDEV, Alexander KOSHKAREV, Natalia ALEKSEENKO, Natalia TELNOVA, Tatiana KUDERINA, Anna KOUKHTA, Shushanik ASMARYAN, Azatuhi HOVSEPYAN, Garegin TEPANOSYAN, Vahagn MURADYAN
	Detection of spatiotemporal changes in agricultural landscapes using satellite images	Gunay KARIMOVA
	Automatic surface temperature mapping in ArcGIS using Landsat-8 imagery: A case study of Ajinohur lowlands and surrounding areas	Mirnuh ISMAYILOV; Shahnaz AMANOVA

### Day 3: Friday, 1 November 2019

<p><b>9:00-10:45</b></p>	<p><b>Thematic session 16:</b>  <b>Natural disasters II</b>  <i>Farabi Hall</i>  Chair: Prof. Dr. Zurab Javakhishvili, School of Natural Sciences and Medicine, Ilia State University; Consultant at the Institute of Earth Sciences and National Seismic Monitoring Center</p>	
	<p>Space-borne SAR-based techniques, a powerful tool for land surface change analysis</p>	<p>Fabiana CALÒ,  Saygin ABDIKAN,  Daniele GIORDAN,  Davide NOTTI,  Antonio PEPE,  Füsün BALIK ŞANLI</p>
	<p>Natural hazards in the mountain regions of Georgia, the example of the Upper Svaneti</p>	<p>Zurab TCHKONIA</p>
	<p>Tectonic activity in the Javakheti volcanic highland</p>	<p>Elya SAHAKYAN,  Lilit SARGSYAN,  Mikayel GEVORGYAN, Hayk IGITYAN,  Hektor BABAYAN</p>
	<p>Study of near-surface active fault structures in the regional compression and extension zones of the Lesser Caucasus (The example of the active Pambak-Sevan-Syunik fault)</p>	<p>Hayk IGITYAN,  Mikayel GEVORGYAN,  Elya SAHAKYAN</p>
	<p>Evaluating the role of forest vegetation in the erosion and loss of main nutrient factors in soil</p>	<p>Kamran SHAYESTEH, Shiva GHARIBI</p>

9:00-10:45	<b>Thematic session 17:</b> <b>Rural development in mountain regions</b> <i>Muzaffer Göker Hall</i> Chair: Dr. Robert Atkinson, Caucasus Network for Sustainable Development, Sustainable Caucasus	
	Eco-corridors Fund Programme in the South Caucasus: A case study on linking landscape conservation and rural development	Jernej STRITIH, Nugzar ZAZANASHVILI
	Mountain residents' livelihoods: Adaptation strategies in the swiftly progressing 'weather' of tourism in urbanized protected areas	Temur GUGUSHVILI
	On not-building: Mountain, village and visitors	Helmi Marie LANGSEPP
	New strategies for Alpine mountain marginal area development through the empowerment of local communities: Case studies of Seren Del Grappa (Belluno, Italy) and Montagne Vitali (Trentino, Italy)	Federica MAINO, Andrea OMIZZOLO, Giulia CUTELLO, Filippo FAVILLI
	The return of the wolf to South Tyrol (Italy). The Importance of human dimension aspects in future management strategies	Julia STAUDER, Filippo FAVILLI
9:00-10:45	<b>Thematic session 18:</b> <b>Climate change II</b> <i>Conference Hall-116</i> Chair: Björn Alfthan, Programme Leader, Polar and Mountain Environments, GRID-Arendal	
	The impact of climate change on the west coasts of the Caspian Sea	Jamal HUSEYNOV
	Change in glacier area and number in Georgia from repeat inventories	Levan TIELIDZE, Lela GADRANI
	Changes in Caucasus glaciers during the 20th and 21st centuries	Tatiana KHROMOVA, Gennady NOSENKO

	Studying the relationships and spatio-temporal distribution of urban heat and green spaces using remote sensing data	Shushanik ASMARYAN, Vahagn MURADYAN, Garegin TEPANOSYAN, Azatuhi HOVSEPYAN, Armen SAGHATELYAN
	Evaluating vehicle GHG-emission pollutants using Copert-4 software programme to model the pollution zones in the city of Sumgait in Azerbaijan	Sadig HASANOV, Hokman MAHMUDOV
<b>9:00-10:45</b>	<b>Thematic session 19:</b> <b>Tourism potential in mountain regions</b> <i>Piri Reis Hall - 409</i> Chair: Dr. Tamara Mitrofanenko, BOKU University	
	The role of tourism resources in the socio-economic development of mountain rural settlements of Azerbaijan (Example of Guba and Gusar administrative districts)	Zaur IMRANI, Natavan JAFAROVA
	Analysing tourism influence on agricultural product markets: a case study of Mestia municipality, Georgia	Mariam SHARIA
	Perspectives of wellness (healthcare) tourism in Georgia	Jane GIORGOBIANI
	The social-economic and spatial aspects of development in Georgia: The example of the city-museum of Mtskheta	Tamar MAZMISHVILI
	Turning migration into opportunity: North Caucasus	Raisa GRACHEVA, Thomas KOHLER, Rustam GAKAEV, Konstantin POPOV, Yuri KARAIEV

	Geographical assessment of tourism and recreation resource potential of Racha region	Sandro GOGOGLADZE
<b>9:00-10:45</b>	<b>Thematic session 20:</b> <b>Socio-economic aspects of mountain development II</b> <i>Geographic Information System and Cartography Hall - 407</i> Chair: Prof. Dr. Houssein Baghirov, Head of the Board of Trustees of Western Caspian University	
	Evaluation of population quality of life and the Human Development Index	Turana HUSEYNOVA
	Changes in the types of management in the mountains in the modern period (the Example of the North Ossetia)	Alexander BADOV
	Placer gold occurrences of the Upper Svaneti, Greater Caucasus, Georgia	Vakhtang BLUASHVILI
	Structural features and genesis of Khachkovi gold-ore occurrence, Adjara-Trialeti folded and trusted system, Georgia	Giorgi MINDIASHVILI
	The influence of the Caucasus foothill local food chain development to the regional economy	Fuad BAGIROV
<b>10:45-11:15</b>	<b>Coffee break</b> <i>Farabi Foyer</i>	
<b>11:15-13:15</b>	<b>Poster session</b>	
	Dynamics of forest cover in Georgia according to the map by Alexander Javakhishvili	Ekaterine MAKHARADZE, Dali NIKOLAISHVILI
	Modelling of the climate change impact on alpine plant diversity of the central Greater Caucasus	Khatuna GIGAURI
	Studying of dynamics and assessment of the current condition of the relic landscapes in Azerbaijan	Mirnukh ISMAYLOV, Latifa ISMAYLOVA

	Radical changes in the regime of the Elbrus glaciers at the turn of the century (1982-2018)	Gennady NOSENKO, Oksana ROTOTAEVA, Stanislav KUTUZOV, Ivan LAVRENTIEV
	Youth attitude and awareness towards human-wildlife conflicts in the Alps: Promoting youth knowledge and dialogue to turn current conflicts into concrete opportunities	Isidoro DE BORTOLI, Filippo FAVILLI
	The socio-economic development of urban and rural population in the north-western region of the Azerbaijan Republic: A case study of the Guba-Khachmaz economic-geographic region	Tural BAYRAMOV
	Intergenerational practice: A potential way of tackling rural mountain area depopulation in the North Caucasus region	Alexander MITROFANENKO
	Power and composition of the forest litter of beech forests of various altitudes in Armenia	Satenik BAKUNTS, Ruben PETROSYAN, Arusyan SIRADEGHYAN, Samvel AVAGYAN
	Niche distribution of Sympatric species ( <i>Darevskia Dahli</i> and <i>Darevskia Portschiinskii</i> ) in Kojori, Georgia	Natia BARATELI
	Hydro-geophysical surveys related to the features of origin and movement of underground waters in volcanic areas: The example of the Lake Sevan catchment basin	Hayk IGITYAN, Raffi KARAMYAN, Robert MINASYAN
	Carpet tourism in Azerbaijan and Dagestan: Current situation and perspectives	Saida GARUNOVA, Robert CHENCINER

	The social consequences of the mountain-economy degradation in Dagestan	Denga KHALIDOV, Magomedkhan MAGOMEDKHANOV
	Chalaati Glacier Survey Using UAV Photogrammetry	Akaki NADARAIA, Sopio BERIDZE
	Climate change impact on glaciers and related hazards: Case study of glaciers in Nenskra river watershed	Guram IMNADZE
	The effect of anthropogenic factors on desertification-process intensity in Ajinohur Lowland soils, Azerbaijan	Lala AHMADOVA
	Identifying the factors influencing the achievement of sustainable development in local communities (Case Study: Uramanat Mountains, Iran)	Shiva GHARIBI, Leila GHARIBI
	Future distribution of Caucasian Salamander ( <i>Mertensiella Caucasica</i> Waga, 1876) under different climate scenarios	Serkan GÜL, Yusuf KUMLUTAŞ, Çetin ILGAZ
	Tourism development in high mountain regions of Georgia: Return migrants and economic activities: The case of Svaneti and Kazbegi	Mariam KOKILASHVILI
	Prospects for ecotourism development in 21st century Georgia	Maia KOBAKHIDZE, Zurab SVIMONISHVILI
	Application of landscape approach for the mapping of tracheophytes in Ambrolauri, Georgia	Tamar KHARDZIANI, Roman MAISURADZE
	Tourism and potential opportunities in Azerbaijan	Nazim GARAYLI
<b>13:15-14:00</b>	<b>Lunch</b> <i>Farabi Foyer</i>	

<b>14:00-15:15</b>	<p><b>Closing session</b>  <i>Farabi Hall</i>  Moderator: Prof. Dr. Mehmet Somuncu, Centre for Environmental Studies, Department of Geography, Ankara University</p>
	<p><b>Posters award</b>  <i>Chair of the poster evaluation committee</i></p>
	<p><b>Approval of the Regional Research Agenda</b>  <i>Report on participants' ranking and feedback for the Caucasus Regional Research Agenda</i>  Prof. Dr. Joseph Salukvadze, Human Geography Department, Tbilisi State University  Prof. Dr. Jörg Balsiger, Director of The Environmental Governance and Territorial Development Hub/Institute (GEDT), University of Geneva, Chair of Mountain Research Initiative  Prof. Dr. Mehmet Somuncu, Director of Centre for Environmental Studies, Head of the Department of Geography, Ankara University  Nina Shatberashvili, Caucasus Network for Sustainable Development of Mountain Regions, Sustainable Caucasus, Iliia State University</p>

**Day 4: Saturday, 2 November 2019**

**8:30**                    **Departure for the excursion to Cappadocia**

**Day 5: Sunday, 3 November 2019**

**20:00**                    **Return from the excursion to Cappadocia**



## List of Participants

Last Name	First Name	Institution	Country	Participation
Abbasov	Rovshan	Khazar University	Azerbaijan	Thematic Session 4
Abdollahi	Sedighe	Malayer University	Iran	Thematic Session 11
Abtalibov	Anara	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Session 10
Abulashvili	Ana	Sustainable Caucasus	Georgia	
Abushova	Samira	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Session 10
Ahmadov	Zahir	Swiss Cooperation Office (SCO)	Azerbaijan	
Ahmadova	Lala	Institute of Geography, National Academy of Sciences	Azerbaijan	Poster Presentation
Akhmedov	Musa	Western Caspian University	Azerbaijan	
Aleksanyan	Gor	Yerevan State University, Tavush Tourism Development Center NGO	Armenia	Workshop 2
Alfthan	Björn	GRID-Arendal	Norway	Thematic Session 18
Aliguliyeva	Resime	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Session 9
Altundal Öncü	Merve	Ankara University	Turkey	Thematic Sessions 5, 11
Amanova	Shahnaz	Institute of Geography, National Academy of Sciences	Azerbaijan	Workshop 3
Arabidze	Natia	Georgian	Georgia	Thematic

<b>Last Name</b>	<b>First Name</b>	<b>Institution</b>	<b>Country</b>	<b>Participation</b>
		Technical University		Session 14
Arakelyan	Suren	“Georisk” Scientific Research Company	Armenia	Thematic Session 8, Workshop 1
Arakelyan	Anush	Institute of Zoology of NAS	Armenia	Thematic Session 12
Atkinson	Robert	Sustainable Caucasus	Switzerland	Thematic Session 17
Aydın	Olgu	Ankara University	Turkey	
Badalov	Etibar	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Session 1
Badov	Oleg	North Ossetian State University	Russian Federation	Thematic Session 1
Badov	Alexander	North Ossetian State University	Russian Federation	Thematic Session 20
Baghirov	Houssein	Western Caspian University	Azerbaijan	Thematic Sessions 2, 20
Bagirov	Fuad	Sustainable Caucasus	Azerbaijan	Thematic Session 20
Bakhtadze-Engländer	Natalia	Ilia State University	Georgia	Plenary Session 3
Bakunts	Satenik	Scientific Research of CMSA	Armenia	Poster Presentation
Balsiger	Jörg	University of Geneva	Switzerland	Thematic Session 7
Barateli	Natia	Ilia State University	Georgia	Poster Presentation
Baumgartner	Christian	University of Applied Sciences of the Grisons, International Commission for the Protection of the Alps (CIPRA)	Switzerland	Plenary Session 3
Bayar	Rüya	Ankara University	Turkey	
Bayramov	Tural	Institute of Geography, National Academy	Azerbaijan	Poster Presentation

<b>Last Name</b>	<b>First Name</b>	<b>Institution</b>	<b>Country</b>	<b>Participation</b>
		of Sciences		
Bekaroğlu	Erdem	Ankara University	Turkey	
Belonovskaya	Elena	Institute of Geography of RAS	Russian Federation	Thematic Session 4
Bilgic	Eren	Academia Consulting Co Ltd & Atılım University	Turkey	n/a
Bluashvili	Vakhtang	Georgian Technical University	Georgia	Thematic Session 20
Burzuyeva	Sevinj	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Session 10
Calò	Fabiana	National Research Council of Italy—Institute for the Electromagnetic Sensing of the Environment (CNR-IREA)	Italy	Thematic Session 16
ÇevlİK	Murat	Akademia Consulting Co. Ltd.	Turkey	Thematic Session 3
Chichinadze	David	Swiss Cooperation Office (SCO)	Georgia	
Çiçek	İhsan	Ankara University	Turkey	
Cutello	Giulia	Eurac Research	Italy	Thematic Session 17
Dalfes	Nuzhet	Istanbul Technical University, Eurasia Institute of Earth Sciences	Turkey	Plenary session 1
Deisadze	Nana	Tbilisi State University	Georgia	Thematic Session 5
Demir	Onder	Anadolu University	Turkey	Workshop 3
Demircan	Mesut	Turkish State Meteorological Service	Turkey	Plenary session 1
Deniz	Ayla	Ankara University	Turkey	
Deveci Bozkuş	Yıldız	Ankara Yıldırım Beyazıt University	Turkey	Thematic Session 5

<b>Last Name</b>	<b>First Name</b>	<b>Institution</b>	<b>Country</b>	<b>Participation</b>
Doğan	Uğur	Ankara University	Turkey	
Egiazarova	Diana	National Environmental Agency	Georgia	Thematic Session 13
Elizbarashvili	Mariam	Tbilisi State University	Georgia	Workshop 1
Elizbarashvili	Nodar	Tbilisi State University	Georgia	
Eminov	Zakir	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Session 1
Erkan	Yilmaz	Ankara University	Turkey	Thematic Session 15
Ertunov	Nofal	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Session 13
Favilli	Filippo	Eurac Research	Italy	Thematic Session 8, Poster Presentation
Gabelaia	Mariam	Ilia State University	Georgia	Thematic Session 12
Gadrani	Lela	Tbilisi State University	Georgia	Thematic Session 18
Garayev	Azer	Sustainable Caucasus	Azerbaijan	
Garayli	Nazim	Institute of Geography, National Academy of Sciences	Azerbaijan	Poster Presentation
Gevorgyan	Gor	Scientific Center of Zoology and Hydroecology of NAS	Armenia	Thematic Session 3
Gevorgyan	Mikayel	Institute of Geological Sciences	Armenia	Thematic Session 13
Gevorgyan	Armen	Sustainable Caucasus	Armenia	
Ghanbari	Sajjad	University of Tabriz	Iran	Thematic Sessions 4,

<b>Last Name</b>	<b>First Name</b>	<b>Institution</b>	<b>Country</b>	<b>Participation</b>
				6, 12
Ghandali	Mojtaba	Malayer University	Iran	Thematic Session 4
Gharibi	Leila	Malayer University	Iran	Poster Presentation
Gharibi	Shiva	Malayer University	Iran	Thematic Session 16
Gigauri	Khatuna	Georgian Institute of Public Affairs	Georgia	Poster Presentation
Giorgobiani	Jane	Tbilisi State University	Georgia	Thematic Session 19
Gogogladze	Sandro	Tbilisi State University	Georgia	Thematic Session 19
Gökkaya	Ergin	Ankara University	Turkey	
Gracheva	Raisa	Institute of Geography of RAS	Russian Federation	Thematic Sessions 1, 19
Grigolia	Lado	Tbilisi State University	Georgia	Thematic Session 13
Gugushvili	Temur	Tbilisi State University	Georgia	Thematic Session 17
Guigoz	Yaniss	GRID-Arendal	Switzerland	Workshop 3
Gül	Serkan	Recep Tayyip Erdoğan University	Turkey	Poster Presentation
Güngördü	Sait Can	Ankara University	Turkey	
Gunya	Alexey	Institute of Geography of RAS	Russian Federation	Thematic Session 5, Workshop 2
Gvilava	Mamuka	GeoGraphic	Georgia	
Hasanov	Sadiq	Institute of Radiation Problems, National Academy of Sciences	Azerbaijan	Thematic Session 18
Hovhannisyan	Sergey	Swiss Cooperation Office (SCO)	Armenia	
Huseinova	Bayimkhanim	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Session 1
Huseynov	Jamal	Azerbaijan Airlines CJSC	Azerbaijan	Thematic Session 18

<b>Last Name</b>	<b>First Name</b>	<b>Institution</b>	<b>Country</b>	<b>Participation</b>
Huseynova	Khadjakhanim	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Session 14
Huseynova	Turana	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Session 20
Ibadli	Yegana	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Session 10
Ibele	Benedikt	ECOServe, GIZ		Plenary session 2
İbiş	Erkan	Ankara University	Turkey	Opening Session
Igityan	Hayk	GEORISK Scientific Research Company	Armenia	Thematic Session 16, Poster Presentation
Imnadze	Guram	Ilia State University	Georgia	Poster Presentation
Imrani	Zaur	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Session 18
Islamov	Samid	Azersu Open Joint Stock Company, Sukanal Scientific-Research and Design Institute	Azerbaijan	Thematic Session 3
Ismayilov	Rashail	Azersu" Open Joint Stock Company, Sukanal Scientific-Research and Design Institute	Azerbaijan	Thematic Session 3
Ismayilov	Mirnuh	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Session 10
Ismaylova	Latifa	Institute of Geography, National Academy	Azerbaijan	Poster Presentation

<b>Last Name</b>	<b>First Name</b>	<b>Institution</b>	<b>Country</b>	<b>Participation</b>
		of Sciences		
Jabrayilov	Emil	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Session 4
Jafarova	Natavan	Institute of Radiation Problems, National Academy of Sciences	Azerbaijan	Workshop 2, Thematic Session 19
Javakhishvili	Zurab	Iliia State University	Georgia	Workshop 2, Thematic Session 16
Jenderedjian	Karen	Ministry of Nature Protection of the Republic of Armenia	Armenia	Thematic Sessions 12, 15
Jinoria	Bakur	Tbilisi State University	Georgia	Thematic Session 14
Jurek	Matthias	UN Environment	Austria	Thematic Session 4, Plenary session 1
Kalem	Sedat	WWF Turkey	Turkey	Plenary session 2
Karabacak	Kerime	Ankara University	Turkey	
Karimov	Rovshan	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Session 1
Karimova	Gunay	Baku State University	Azerbaijan	Workshop 3
Kaymaz	Isil	Ankara University	Turkey	Plenary Session 3
Keryan	Tigran	BOKU University	Austria	Thematic Session 7
Khardziani	Tamar	Tbilisi State University	Georgia	Poster Presentation
Khartishvili	Lela	Vienna University	Austria	Thematic Session 5
Khelashvili	Ioseb	Tbilisi State University	Georgia	Thematic Session 11

<b>Last Name</b>	<b>First Name</b>	<b>Institution</b>	<b>Country</b>	<b>Participation</b>
Khokhobaia	Merab	Tbilisi State University	Georgia	Thematic Session 11
Khromova	Tatiana	Institute of Geography of RAS	Russian Federation	Thematic Session 18
Kobakhidze	Maia	San Diego State University	Georgia	Poster Presentation
Kobalia	Teona	Tbilisi State University	Georgia	Thematic Session 2
Kokilashvili	Mariam	Tbilisi State University	Georgia	Poster Presentation
Kuderina	Tatiana	Institute of Geography of RAS	Russian Federation	Thematic Session 8
Kumari Lama	Anu	Centre for Integrated Mountain Development	Nepal	Plenary Session 3
Kurtar	Ceyda	Ankara University	Turkey	
Kvaratskhelia	Davit	Tbilisi State University	Georgia	Thematic Session 11
Langsepp	Helmi Marie	Estonian Academy of Arts	Estonia	Thematic Session 17
Lyausheva	Svetlana	Adyge State University	Russian Federation	Thematic Session 9
Magalashvili	Archil	Ilia State University	Georgia	Thematic Sessions 2, 14
Magomedkhanov	Magomedkhan	Institute of History, Archaeology and Ethnography of Dagestan Scientific Center of RAS	Russian Federation	Thematic Session 9, Poster Presentation
Makarov	Mikhail	Moscow State University	Russian Federation	Thematic Session 15
Makharadze	Ekaterine	Tbilisi State University	Georgia	Poster Presentation
Makhdoum	Majid F	University of Tehran, Iranian Association for Environmental Assessment	Iran	Thematic Session 5, Workshop 2
Malysheva	Tatiana	Moscow State University	Russian Federation	Thematic Session 15



<b>Last Name</b>	<b>First Name</b>	<b>Institution</b>	<b>Country</b>	<b>Participation</b>
Mammadov	Ramiz	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Session 3, Workshop 1
Mansimov	Mirzakhan	IQLIM, Research and Consulting Centre	Azerbaijan	Thematic Session 13
Mazmishvili	Tamar	Tbilisi State University	Georgia	Thematic Session 19
Medvedev	Andrei	Institute of Geography of RAS	Russian Federation	Thematic Session 2, Workshop 3
Mikhaleenko	Vladimir	Institute of Geography of RAS	Russian Federation	Thematic Session 6
Mindiashvili	Giorgi	Georgian Technical University	Georgia	Thematic Session 20
Mitrofanenko	Tamara	BOKU University	Austria	Workshop 2, Thematic Session 19
Mitrofanenko	Alexander	Vienna University of Economics	Austria	Poster Presentation
Muradyan	Vahagn	Center for Ecological-Noosphere Studies NAS	Armenia	Thematic Session 8
Nadaraia	Akaki	Ilia State University	Georgia	Poster Presentation
Nasibli	Yaşar	Institute of Geography, National Academy of Sciences	Azerbaijan	Thematic Session 7, Workshop 3
Noroози	Jalil	University of Vienna	Austria	Thematic Session 15
Nosenko	Gennady	Institute of Geography of RAS	Russian Federation	Poster Presentation
Nurtaev	Bakhram	Institute of Helioclimatology	Germany	Thematic Session 6
Özgen	Nurettin	Ankara University	Turkey	
Özgür	E. Murat	Ankara University	Turkey	
Paposhvili	Nika	Ilia State University	Georgia	Thematic Session 12

<b>Last Name</b>	<b>First Name</b>	<b>Institution</b>	<b>Country</b>	<b>Participation</b>
Pipoyan	Samvel	Institute of Zoology of NAS	Armenia	Thematic Session 12
Price	Martin	UNESCO Chair in Sustainable Mountain Development, Centre for Mountain Studies, Perth College: University of the Highlands and Islands	United Kingdom	Opening Session, Plenary session 2
Rashidi	Mahmood	University of Tabriz	Iran	Thematic Session 3
Rasulova	Aynur	Institute of Botany, National Academy of Sciences	Azerbaijan	Thematic Session 12
Sahakyan	Elya	Institute of Geological Sciences	Armenia	Thematic Session 16
Salukvadze	Joseph	Tbilisi State University	Georgia	Opening Session, Thematic Sessions 9, 16
Salukvadze	Gvantsa	Tbilisi State University	Georgia	Thematic Session 11
Scolobig	Anna	University of Geneva	Switzerland	Workshop 1
Sekeryapan	Ceran	Zonguldak Bülent Ecevit University	Turkey	Thematic Session 6, Workshop 2
Sharia	Mariam	Tbilisi State University	Georgia	Thematic Session 19
Shatberashvili	Nina	Sustainable Caucasus	Georgia	Thematic Session 6
Shayesteh	Kamran	Malayer University	Iran	Thematic Session 10
Sitchinava	Tatiana	Tbilisi State University	Georgia	Thematic Session 2
Solomina	Olga	Institute of Geography of RAS	Russian Federation	Plenary session 1
Soloviy	Ihor	Ukrainian National	Ukraine	Plenary

<b>Last Name</b>	<b>First Name</b>	<b>Institution</b>	<b>Country</b>	<b>Participation</b>
		Forestry University		session 2
Somuncu	Mehmet	Ankara University	Turkey	Thematic Session 11, Closing Session
Stauder	Julia	Eurac Research	Italy	Thematic Session 17
Stritih	Jernej	Stritih, Sustainable Development Consulting	Slovenia	Thematic Session 17
Tchkonia	Zurab	Georgian Technical University	Georgia	Thematic Session 16
Mzhavanadze	Tea	Tbilisi State University	Georgia	
Tepanosyan	Garegin	Center for Ecological-Noosphere Studies NAS	Armenia	Thematic Session 18
Thut	Werner	Swiss Cooperation Office (SCO)	Switzerland	Opening Session, Plenary Session 3
Tsikvadze	Nana	Sustainable Caucasus	Georgia	
Tsitsagi	Mariam	Institute of Geography	Georgia	Thematic Session 1
Türkoğlu	Necla	Ankara University	Turkey	
Ugrekheldze	Ketevan	Iliia State University	Georgia	Thematic Session 15
Ulker	Elif Deniz	Hacettepe University	Turkey	
Vashakidze	Iza	Tbilisi State University	Georgia	Thematic Session 5
Vezirishvili-Nozadze	Ketevan	Georgian Technical University	Georgia	Thematic Session 14
Vinogradova	Vera	Institute of Geography of RAS	Russian Federation	Thematic Sessions 6, 15
Yavan	Nuri	Ankara University	Turkey	
Yeghyan	Mariam	Armenian State	Armenia	Thematic

<b>Last Name</b>	<b>First Name</b>	<b>Institution</b>	<b>Country</b>	<b>Participation</b>
		Pedagogical University		Session 7
Yigitbasioglu	Hakan	Ankara University	Turkey	Workshop 1, Thematic Session 13
Yilmaz	Mutlu	Ankara University	Turkey	
Yüceşahin	M. Murat	Ankara University	Turkey	
Zazanashvili	Nugzar	WWF Caucasus Programme Office, Ilia State University	Georgia	Plenary session 2
Zhadze	Zuriet	Adyghe State University	Russian Federation	Thematic Session 9

**Notes:**

## Scientific Committee

- Mehmet Somuncu, Ankara University (Co-Chair)
- Jörg Balsiger, University of Geneva (Co-Chair)
- Hakan Yigitbasioglu, Ankara University
- Joseph Salukvadze, Tbilisi State University
- David Tarkhnishvili, Ilia State University
- Mary Kate Ugrekhelidze, Ilia State University
- Armen Gevorgyan, Armenian Geographical Society
- Raisa Gracheva, Russian Academy of Sciences
- Matthias Jurek, United Nations Environment Programme
- Ramiz Mammadov, Azerbaijan Academy of Sciences
- Kamran Shayesteh, Malayer University
- Azer Garayev, Caucasus Network for Sustainable Development of Mountain Regions
- Nina Shatberashvili, Caucasus Network for Sustainable Development of Mountain Regions

## Forum Secretariat

- Nana Tsikvadze, Caucasus Network for Sustainable Development of Mountain Regions
- Ana Abulashvili, Caucasus Network for Sustainable Development of Mountain Regions
- Ergin Gökkaya, Ankara University



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