

## CONFERENCE PROGRAMME

*Plenary session: 15 min presentation 5 min questions/answer;*

*Section sessions: 10 min presentation 5 min questions/answer*

**September 9, 2019**

*Assembly Hall, TSU, I Building, 2nd floor,  
1, I. Chavchavadze ave. Tbilisi, Georgia*

09:30- 10:00	<b>Registration</b>
10:00- 10:30	<b>Official Opening: Prof. George Sharvashidze</b> , TSU Rector
<b>Plenary session</b>	
10:30- 10:50	<b>Key note speaker: Dr. Annette Piorr</b> Leibniz-Centre for Agricultural Landscape Research (ZALF), Germany. PATHWAYS FOR LANDSCAPE VALORIZATION THROUGH AGRICULTURAL MANAGEMENT
10:50- 11:10	<b>Key note speaker: Prof. Christine Fürst</b> Martin Luther University Halle-Wittenberg, Germany. MAINSTREAMING ECOSYSTEM SERVICES IN SUSTAINABLE LANDSCAPE PLANNING AND DEVELOPMENT
11:10- 11:30	<b>Key note speaker: Prof. Eckart Lange</b> University of Sheffield, UK. COMMUNICATING LANDSCAPE FUTURES FOR PARTICIPATION AND DECISION-MAKING
11:30- 11:50	<b>Apl. Prof. Dr. habil., Dipl. -Mel. -Ing. Holger Behm</b> University of Rostock, Germany. LANDSCAPE AS PALIMPSEST –THE BALANCE BETWEEN LANDSCAPE HISTORY AND MODERN SUSTAINABLE LAND USE
<b>12:00 Lunch</b> <i>by invitation only</i>	

13:30- 13:50	<p><b>Dr. George Lominadze<sup>1</sup>, Dr. Irakli Papashvili<sup>2</sup></b>  <sup>1</sup>Vakhushti Bagrationi Institute of Geography, Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia.  <sup>2</sup>Ltd Gamma, Tbilisi, Georgia.  ANTICIPATED IMPACT OF THE CONSTRUCTION OF ANAKLIA PORT ON THE ADJACENT COASTAL LANDSCAPES</p>
13:50- 14:10	<p><b>Key note speaker: Prof. Kalev Sepp</b>  Estonian University of Life Sciences, Institute of Agricultural and Environmental Sciences, Estonia.  CHALLENGES OF LANDSCAPE SCIENCES IN ENVIRONMENTAL MANAGEMENT AND SOCIETY</p>
14:10- 14:30	<p><b>Dr. Ralf-Uwe Syrbe</b>  Leibniz Institute of Ecological Urban and Regional Development, Germany.  NATIONAL MAPPING OF ECOSYSTEMS, THEIR CONDITIONS AND SERVICES IN GERMANY</p>
14:30- 14:50	<p><b>Dr. Jürgen Meyerhoff</b>  Technische Universität Berlin, Germany.  CHOICE EXPERIMENTS IN LANDSCAPE RESEARCH: A TOOL TO VALUE CHANGES IN LANDSCAPES AND THEIR CONSEQUENCES FOR HUMAN WELLBEING</p>
14:50- 15:10	<p><b>Key note speaker: Prof. Dali Nikolaishvili</b>  Ivane Javakhishvili Tbilisi State University, Georgia.  GEORGIAN LANDSCAPE SCHOOL: HISTORY, METHODOLOGY AND OPPORTUNITIES</p>
15:10- 15:30	<p><b>Prof. Marina Frolova</b>  University of Granada, Spain.  EMERGING ENERGIES, EMERGING LANDSCAPES: EUROPEAN FRAMEWORK</p>
<b>15:30 Coffee Break</b>	
16:00- 16:20	<p><b>Prof. Isabel Loupa-Ramos</b>  University of Lisbon, Portugal.  BOTTOM-UP APPROACHES IN THE IMPLEMENTATION</p>

	OF THE ELC: INSIGHTS FROM RESEARCH AND PRACTICE
16:20-16:40	<b>Dr. habil. Karsten Grunewald</b> Leibniz Institute of Ecological Urban and Regional Development, Germany. CONCEPT OF LANDSCAPE SERVICES AND APPLICATION
16:40-17:00	<b>Key note speaker: Assoc. Prof. Dr. Mariam Elizbarashvili</b> Ivane Javakhishvili Tbilisi State University, Georgia. INVESTIGATION OF PRECIPITATION DEPENDENCE ON TEMPERATURE UNDER THE GLOBAL WARMING ON THE TERRITORY OF GEORGIA BASED ON HIGH RESOLUTION 1936-2011 GRID DATA SET
17:00-17:20	<b>Assoc. Prof. Zurab Janelidze</b> Ilia State University, Georgia. HISTORY OF MODERN LANDSCAPE DEVELOPMENT OF THE COLCHIS LOWLAND COASTLINE
17:20	<i>Discussion</i>
17:40	<i>Group photo</i>
<b>18:15 Welcome party</b> <i>by invitation only</i>	
<b>End of the first day</b>	

**September 10, 2019**  
*Assembly Hall, TSU, I Building, 2nd floor,*  
*1, I. Chavchavadze ave. Tbilisi, Georgia*

<b>Session: Human Geography</b>	
10:00-10:15	<b>Prof. Luca Zarrilli<sup>1</sup>, Assoc. Prof. Tamar Dolbaia<sup>2</sup>, Prof. Joseph Salukvadze<sup>2</sup></b> <sup>1</sup> University “G. d’Annunzio” of Chieti-Pescara, Pescara, Italy. <sup>2</sup> Ivane Javakhishvili Tbilisi State University, Georgia. TERRITORIAL FRAGMENTATION, NEWLY EMERGED BARRIERS AND “BORDERSCAPES” IN THE POST-SOVIET SOUTH CAUCASUS

10:15- 10:30	<p><b>Dr. Yulia Sleptsova<sup>1</sup>, Dr. Vladislav Valentinov<sup>2</sup></b>  <sup>1</sup>Dubna State University, Russia.  <sup>2</sup>Leibniz Institute of Agricultural Development in Central and Eastern Europe, Germany.  RISK FACTORS FOR THE FORMATION OF AN AGRICULTURAL ENTERPRISE STRATEGY IN THE DIGITAL ECONOMY</p>
10:30- 10:45	<p><b>Dr. Ibragim A. Kerimov<sup>1,2*</sup>, Prof. Zulfira Sh. Gagaeva<sup>2,3</sup>, Prof. Umar T. Gairabekov<sup>2,3</sup>, Dr. Vera.A. Shirokova<sup>1,4</sup></b>  <sup>1</sup>S.I. Vavilov Institute for the History of Science and Technology RAS, Moscow, Russia.  <sup>2</sup>Academy of Sciences of Chechen Republic, Grozny, Russia.  <sup>3</sup>Chechen State University, Grozny, Russia.  <sup>4</sup>State University of Land Use and Planning, Moscow, Russia.  COMPLEX STUDY OF THE NATURE OF THE CAUCASUS (ON MATERIALS OF THE ACADEMIC “PHYSICAL” EXPEDITIONS OF XVIII<sup>th</sup> CENTURY)</p>
10:45- 11:00	<p><b>Dr. Zita Izakovičová</b>  Institute of Landscape Ecology, Slovak Academy of Sciences Bratislava, Slovak Republic.  REPRESENTATIVE TYPES OF CULTURAL LANDSCAPES OF SLOVAKIA</p>
<b>11:00- 11:15</b>	<b><i>Discussion</i></b>
<b>Session: Landscape Mapping, Landscape ecology and biodiversity</b>	
11:15- 11:30	<p><b>Prof. Arnold Gegechkori</b>  Ivane Javakhishvili Tbilisi State University, Georgia  THE MOST INCREDIBLE REFUGIAL AREAS IN THE CAUCASUS ECOREGION COLCHIS AND HYRCANIA</p>
11:30- 11:45	<p><b>Prof. Dr. rer. oec. Alexandra Dehnhardt<sup>1</sup>, Kati Häfner<sup>1*</sup>, Dipl.-Ing. Marin Rayanov<sup>1</sup>, Dr. Julian Sagebiel<sup>1</sup>, MalteWelling<sup>2</sup></b>  <sup>1</sup>Technische Universität Berlin, Chair of Environmental and Land Economics, Berlin, Germany.  <sup>2</sup>Institute for Ecological Economy Research (IÖW), Berlin,</p>

	Germany. DESTINATION CHOICE FOR RECREATION AT RIVER SITES – A SPATIAL ANALYSIS
11:45-12:00	<b>Dr. Veronika Kapralova *</b> , Prof., <b>Dr. Alexey Victorov</b> , <b>Dr. Timofey Orlov</b> Sergeev Institute of Environmental Geosciences Russian Academy of Sciences (IEG RAS), Moscow, Russia. LANDSCAPE STABILITY ANALYSIS MORPHOLOGY STRUCTURE OF LACUSTRINE THERMOKARST PLAINS WITH FLUVIAL EROSION IN AN ASYNCHRONOUS START SITUATION
<b>12:00 Opening the Exhibition - TSU museum, I Building.</b>	
<b>12:30 Lunch</b> <i>by invitation only</i>	
14:00-14:15	<b>Dr. Mariam Tsitsagi</b> <sup>1</sup> Vakhushti Bagrationi Institute of Geography, Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia. ADVANCES IN DIGITAL SOIL MAPPING (A REVIEW)
14:15-14:30	<b>Dr. Ibragim A. Kerimov<sup>1,2</sup></b> , Prof. <b>Zulfira Sh. Gagaeva<sup>2,3</sup></b> , Prof. <b>Olga S. Romanova<sup>1</sup></b> <sup>1</sup> S.I. Vavilov Institute for the History of Science and Technology RAS, Moscow, Russia, <sup>2</sup> Academy of Sciences of Chechen Republic, Grozny, Russia, <sup>3</sup> Chechen State University, Grozny, Russia. MAPPING INFORMATION ABOUT NORTH CAUCASUS (XVIII-XIX CENTURIES)
14:30-14:45	<b>Ksenia Merekalova</b> Lomonosov Moscow state university, Russia. THE CONTRIBUTION OF LANDSCAPE SPATIAL PATTERN IN INTER-COMPONENTS RELATIONSHIPS
14:45-15:00	<b>Tamar Nozadze</b> Ivane Javakhishvili Tbilisi State University, Georgia. PATTERNS OF THE UNIQUE BIODIVERSITY REPRESENTED IN THE GAREJI HOLLOW – ONE OF THE STRIKING LANDSCAPE IN EAST GEORGIA

15:00- 15:15	<p><b>Maia Chubinidze</b> Ivane Javakhishvili Tbilisi State University, Georgia. CERTAIN ISSUES REGARDING BEES (APOIDEA) OF LIMESTONE LANDSCAPES IN WESTERN GEORGIA</p>
15:15- 15:30	<p><b>Dr. Zaza Lezhava, Dr. Lasha Asanidze, Dr. Kukuri Tsikarishvili, Nino Chikhradze, Giorgi Chartolani, Ani Sherozia</b> <sup>1</sup>Vakhushti Bagrationi Institute of Geography, Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia. ON THE EVOLUTION OF KARST CAVES IN THE CONDITIONS OF PLATFORM KARST (ZEMO IMERETI PLATEAU CASE STUDY, GEORGIA)</p>
15:30- 15:45	<p><b>Dr. Neli Jamaspashvili, Nikoloz Beruchashvili, Levan Beruchashvili</b> Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia. LANDSCAPE-ECOLOGICAL APPROACH FOR ESTABLISHED OF PROTECTED AREAS ON THE EXAMPLE OF REGION ONI, GEORGIA</p>
15:45- 16:00	<p><b>Dr. Nana Bolashvili<sup>1</sup>, Dr. Omar Lanchava<sup>2</sup>, Dr. Kukuri Tsikarishvili<sup>1</sup></b> <sup>1</sup>Vakhushti Bagrationi Institute of Geography, Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia. <sup>2</sup>Grigol Tsulukidze Mining Institute, Georgia. ASSESSMENT OF ANTHROPOGENIC IMPACT ON THE TSKALTUBO (PROMETHEUS) CAVE SYSTEM</p>
<b>16:00 Coffee Break</b>	
16:30- 16:45	<p><b>Assoc. Prof. Robert Maghlakelidze, Giorgi Maghlakelidze</b> Ivane Javakhishvili Tbilisi State University, Georgia. SOME ISSUES OF SPATIAL IDENTIFICATION, ALLOCATION AND MAPPING CULTURAL NATURAL-TERRITORIAL COMPLEXES (CASE STUDY OF FOOTHILLS' LANDSCAPES OF THE SAGURAMO-IALNO RANGE)</p>

16:45- 17:00	<p><b>Dr. Elene Salukvadze, Tamila Chaladze</b>  <sup>1</sup>Vakhushti Bagrationi Institute of Geography, Ivane Javakhsishvili Tbilisi State University, Georgia.            ANTHROPOGENIC FACTORS CONTRIBUTING TO THE ECOLOGICAL CONDITION LANDSCAPES IN THE MINING ZONES OF IMERETI AND RACHA</p>
17:00- 17:15	<p><b>Dr. Jana Spulerova<sup>1</sup>, Dr. Alexandra Kruse<sup>2</sup></b>  <sup>1</sup>Institute of Landscape Ecology of the Slovak Academy of Sciences, Bratislava, Slovakia.  <sup>2</sup>World Heritage consulting, France.            DIVERS OF DISAPPEARANCE AND PRESERVATION OF HAY MAKING STRUCTURES IN EUROPE</p>
17:15- 17:30	<i>Discussion</i>
<b>End of the second day</b>	

**September 11, 2019**

*Room # 07, TSU, I Building, Ground floor,  
1, I. Chavchavadze ave. Tbilisi, Georgia*

<b>Session: Landscape dynamics, Climate changes and Extreme processes in environment</b>	
12:00- 12:15	<p><b>Dr. Marika Tatishvili<sup>1</sup>, Dr. Liana Kartvelishvili<sup>1</sup>, Dr. Givi Meladze<sup>1</sup>, Dr. Maia Meladze<sup>1</sup>, Inga Samkharadze<sup>1</sup>, Ana Palavandishvili<sup>1</sup>, Dr. Nato Kutaladze<sup>2</sup></b>  <sup>1</sup>Georgian Technical University, Tbilisi, Georgia.  <sup>2</sup>National Environmental Agency, Tbilisi, Georgia.            IMPACT OF WEATHER AND CLIMATE EXTREMES ON LANDSCAPES IN GEORGIA</p>
12:15- 12:30	<p><b>Assist. Prof. Hrachuhi Galstyan</b>            Yerevan State University, Armenia.            THE LONG-TERM CHANGES OF INTENSITY AND FREQUENCY OF HEAT WAVES IN THE CONTEXT OF CLIMATE CHANGE (CASE STUDY IS THE ARARAT VALLEY)</p>

12:30- 12:45	<p><b>Assist. Prof. Tsetsilia Donadze<sup>1</sup>, Dr. George Gaprindashvili<sup>1</sup>, Assoc. Prof. Tengiz Gordeziani<sup>1</sup>, Assist. Prof. George Dvalashvili<sup>1</sup>, Teona Tigishvili<sup>2</sup>, Tinatin Nanobashvili<sup>1</sup></b>  <sup>1</sup>Ivane Javakhishvili Tbilisi State University, Georgia.  <sup>2</sup>Ministry of Education, Science, Culture and Sport, Tbilisi, Georgia.</p> <p>DYNAMICS OF LANDSLIDE AND GRAVITATIONAL EVENTS IN GEORGIA AND RISK FACTORS OF THEIR DEVELOPMENT (CASE STUDY OF IMERETI)</p>
12:45- 13:00	<p><b>Dr. Mikheil Pipia, Dr. Nazibrola Beglarashvili</b>          Institute of Hydrometeorology of Georgian Technical University, Georgia.</p> <p>NUMBER OF BLIZZARD DAYS ON THE TERRITORY OF GEORGIA</p>
13:00	<b>Excursion in Mtskheta</b>
<b>18:00 Dinner</b>	
<b>End of the third day</b>	

**September 12, 2019**  
***Assembly Hall, TSU, I Building, 2nd floor,***  
***1, I. Chavchavadze ave. Tbilisi, Georgia***

<b>Session: Environment degradation and pollution</b>	
10:00- 10:15	<p><b>Dr. Avtandil Amiranashvili<sup>1</sup>, Dr. Teimuraz Bliadze<sup>1</sup>, Dr. Victor Chikhladze<sup>1</sup>, Dr. Nino Japaridze<sup>2</sup>, Dr. Ketevan Khazaradze<sup>3</sup></b>  <sup>1</sup>Mikheil Nodia Institute of Geophysics of Ivane Javakhishvili Tbilisi State University, Georgia.  <sup>2</sup>Tbilisi State Medical University, Georgia.  <sup>3</sup>Georgian State Teaching University of Physical Education and Sport, Georgia.</p> <p>ON THE INFLUENCE OF LANDSCAPE ON THE CONTENT OF LIGHT AEROIONS IN DIFFERENT REGIONS OF GEORGIA</p>



10:15- 10:30	<p><b>Dr.Natela Dvalishvili, Dr.Nugzar Buachidze, Dr.Natia Gigauri</b> Institute of Hydrometeorology at Georgian Technical University, Georgia. IMPACT OF HIGH MOUNTAINOUS RURAL REGIONS (ILLEGAL DUMPSITES AND LATRINES) OF GEORGIA ON CLIMATE CHANGE</p>
10:30- 10:45	<p><b>Prof. Trahel Vardanyan, Assist. Prof. Hrachuhi Galstyan, Assist. Prof. Zohrab Muradyan</b> Yerevan State University, Armenia. THE ASSESSMENT OF DEGRADATION AND ANALYSIS OF PEDOLOGICAL VARIABILITY IN ARAGATS MASSIF</p>
10:45- 11:00	<p><b>Dr. Elina Bakradze<sup>1</sup>, Dr.Lali Shavliashvili<sup>2</sup>, Dr. Gulchina Kuchava<sup>1</sup></b> <sup>1</sup>National Environment Agency of the Ministry of Environment Protection and Agriculture of Georgia, Tbilisi, Georgia. <sup>2</sup>Georgian Technical University, Institute of Hydrometeorology, Tbilisi, Georgia. STUDY OF THE POLLUTION OF RIVERS AND SOILS IN THE ADJACENT AREAS OF MADNEULI IN BOLNISI MUNICIPALITY</p>
11:00- 11:15	<p><b>Dr. Aleksandre Surmava<sup>1*</sup>, Dr. Natia Gigauri<sup>2</sup>, Dr. Liana Intskirveli<sup>2</sup></b> <sup>1</sup>M. Nodia Institute of Geophysics, I. Javakhishvili Tbilisi State University, Tbilisi, Georgia. <sup>2</sup>Institute of Hydrometeorology, Georgian Technical University, Tbilisi, Georgia NUMERICAL MODELING OF CONVECTIVE DUST DISSIPATION INTO THE ATMOSPHERE EMITTED FROM TWO STATIONARY SOURCES</p>
11:15- 11:30	<p><i>Discussion</i></p>
<p><b>End of the fourth day</b></p>	

**September 13, 2019**  
***Assembly Hall, TSU, I Building, 2nd floor,***  
***1, I. Chavchavadze ave. Tbilisi, Georgia***

<b>Session: Landscape Planning, Ecosystem services, Agrolandscapes</b>	
11:00- 11:15	<b>Dr. Iris C. Bohnet*</b> , Assoc. Prof. <b>Dr. Kristina Janeckova</b> Czech University of Life Sciences, Prague, Czech Republic. CULTURAL HERITAGE CAN SUPPORT SUSTAINABLE LANDSCAPE DEVELOPMENT – A STUDY FROM THE TREBON BASIN, CZECH REPUBLIC
11:15- 11:30	<b>Dr. Tamar Khoshtaria*</b> , Assoc. Prof., <b>Dr. Nino Chachava,</b> <b>Prof. Dr. Vladimer Vardosanidze, Shorena Tsilosani</b> Georgian Technical University, Tbilisi, Georgia. MAIN FACTORS OF SPATIAL LANDSCAPE PLANNING IN SAMTSKHE-JAVAKHETI REGION
11:30- 11:45	<b>Dr. Josep Vila-Subirós<sup>1*</sup>, Prof. Mikheil Elashvili<sup>2</sup>, Dr. Carles</b> <b>Barriocanal Lozano<sup>3</sup>, Giorgi Kirkitadze<sup>2</sup></b> 1University of Girona. Catalonia, Spain. 2Ilia State University, Georgia. 3University of Barcelona. Catalonia, Spain. THE IMPLIMENTATION OF THE EUROPEAN LANDSCAPE CONVENTION IN CATALONIA. A KEY REFERENCE FOR GEORGIA: RECOMMENDATIONS AND CHALLENGES
11:45- 12:00	<b>Dr. Tatiana Kharitonova, Ksenia Merekalova</b> Lomonosov Moscow State University, Russia ASSESSMENT OF LANDSCAPE FUNCTIONS IN URBAN AREAS: TWO CASE STUDIES FROM A CITY AND A SMALL TOWN
<b>12:00 Coffee Break</b>	
12:30- 12:45	<b>Tekla Gurgenidze</b> Agricultural University of Georgia, Tbilisi, Georgia. INFLUENCE OF CLIMATE ON THE BORDER OF SOILS (ON EXAMPLE OF CINNAMONIC AND BROWN FOREST SOILS OF GEORGIA)

12:45- 13:00	<p><b>Kati Häfner*</b>, Marie Blankenbach, Dr. Julian Sagebiel, Alexandra Dehnhardt</p> <p>*Technische Universität Berlin, Berlin, Germany.</p> <p>DEVELOPMENT OF RIVER LANDSCAPES – FARMERS’ PREFERENCES IN THE CONTEXT OF AGRICULTURAL PRODUCTION AND NATURAL CONSERVATION</p>
13:00- 13:15	<p><b>Prof. Zurab Seperteladze<sup>1</sup></b>, Assist. Prof. Eter Davitaia<sup>1</sup>, Dr. George Gaprindashvili<sup>1,2</sup>, Assist. Prof. Tamar Aleksidze<sup>1</sup>, Nino Rukhadze<sup>1</sup></p> <p><sup>1</sup>Ivane Javakhishvili Tbilisi State University, Department of Geography, Tbilisi, Georgia. <sup>2</sup> LEPL National Environmental Agency, Department of Geology, Tbilisi, Georgia.</p> <p>AGRO-LANDSCAPE ZONING OF ACHARA-GURIA REGION</p>
13:15- 14:00	<b>Free time</b>
14:00	<b>Round Table</b>
15:00	<p><b>Combined event (Conference, Seasonal School) closing ceremony, conclusion remarks, handing of the certificates. Closing the school and the conference.</b></p>
<b>End of the event</b>	

**SEASONAL SCHOOL PROGRAMME**

*Room #201, TSU, I Building, 2<sup>nd</sup> floor,  
 1, I. Chavchavadze ave. Tbilisi, Georgia*

**September 9, 2019**

**The First Day (4hours totally)**

9:30	Registration - Combined event (Conference, Seasonal School)
10:00	Combined event opening ceremony, greetings, Conference plenary session
<b>12:00 Lunch</b>	
13:30	<b>Dr.habil. Karsten Grunewald, Leibniz Institute of Ecological Urban and Regional Development, Germany</b> Lecture, 2 h – Urban ecosystem services and the Green cities concept; <i>Questions and answers</i>
<b>15:30 Coffee Break</b>	
16:00	<b>Prof. Eckart Lange, The University of Sheffield, UK</b> Lecture, 1 h – Reflections on (Urban) Nature; <i>Questions and answers</i>
17:00	<b>Prof. Eckart Lange, The University of Sheffield, UK</b> Lecture, 1 h – Planning on the Larger Scale; <i>Questions and answers</i>
<b>18:00</b>	<b><i>Group photo</i></b>
<b>18:15 Welcome party. End of the first day</b>	

**September 10, 2019**

**The Second Day (8 hours totally)**

9:00	<b>Prof. Christine Fürst, Martin Luther University Halle-Wittenberg, Germany</b> Lecture, 1 h – Mapping and assessment of ecosystem services in a landscape context – challenges and approaches; <i>Questions and answers</i>
10:00	<b>Prof. Christine Fürst, Martin Luther University Halle-Wittenberg, Germany</b> Lecture, 1 h – Valuing ecosystem services – how to include diverse knowledge sources, <i>Questions and answers</i>

11:00	<p><b>Prof. Christine Fürst, Martin Luther University Halle-Wittenberg, Germany</b> Lecture, 1 h – Modelling of social-ecological systems – model types and implementation examples; <i>Questions and answers</i></p>
<p><b>12:00 Opening the Photo exhibition - <i>TSU museum, I Building.</i></b> <b>12:30 Lunch</b></p>	
14:00	<p><b>Dr. Annette Piorr, Leibniz-Centre for Agricultural Landscape Research (ZALF), Germany</b> Lecture, 1 h – Concepts, analytical methods and tools for practitioners to explore and exploit agri-food systems for sustainable landscape; <i>Questions and answers</i></p>
15:00	<p><b>Dr. Annette Piorr, Leibniz-Centre for Agricultural Landscape Research (ZALF), Germany</b> Lecture, 1 h – Sustainable intensification of agriculture as a strategy to preserve landscape functions and increase rural viability; <i>Questions and answers</i></p>
<p><b>16:00 Coffee Break</b></p>	
16:30	<p><b>Dr. Annette Piorr, Leibniz-Centre for Agricultural Landscape Research (ZALF), Germany</b> Lecture, 1 h – Integrating the local context into policy mechanisms and decision making. Case study examples from European projects; <i>Questions and answers</i></p>
17:30	<p><b>Dr. Ralf-Uwe Syrbe, Leibniz Institute of Ecological Urban and Regional Development, Germany</b> Lecture, 1 h – Ecosystemservices - mapping, assessment and perspectives of application; <i>Questions and answers</i></p>
18:30	<p><b>Dr. Ralf-Uwe Syrbe, Leibniz Institute of Ecological Urban and Regional Development, Germany</b> Lecture, 1 h – Urban Ecology and Green Infrastructure; <i>Questions and answers</i></p>
<p><b>End of the second day</b></p>	

September 11, 2019

**The Third Day (9 hours totally)**

9:00	<b>Dr.Jürgen Meyerhoff, Technische Universität Berlin, Germany</b> Lecture, 3 h – Environmental valuation using choice experiments (part I); <i>Questions and answers</i>
12:00	<b>Dr.Jürgen Meyerhoff, Technische Universität Berlin, Germany</b> Lecture, 1 h – Environmental valuation using choice experiments (part II); <i>Questions and answers</i>
<b>13:00 Lunch</b>	
14:30	<b>Prof.Marina Frolova, University of Granada, Spain</b> Lecture, 1 h – Representations of the Caucasian landscapes between 18th and 20th centuries; <i>Questions and answers</i>
15:30	<b>Prof.Marina Frolova, University of Granada, Spain</b> Lecture, 1 h – Renewable energy landscapes: typology and characteristics; <i>Questions and answers</i>
<b>16:30 Coffee Break</b>	
17:00	<b>Prof.Marina Frolova, University of Granada, Spain</b> Lecture, 1 h – Wind power landscapes in Spain: social perception and spatial planning; <i>Questions and answers</i>
18:00	<b>Prof. Kalev Sepp, Estonian University of Life Sciences, Institute of Agricultural and Environmental Sciences, Estonia</b> Lecture, 2 h – Landscape related themes in spatial planning – valuable cultural landscapes and green infrastructure
<b>End of the third day</b>	

September 12, 2019

**The Fourth Day (4 hours totally)**

<b>The bus for Kazbegi filed seminar will start from TSU. Lunch will be provided during the field trip.</b>	
10:00	Field seminar leader Dr. Roman Maisuradze, assistant Giorgi Chartolani, TSU, Georgia
<b>Transfer to Tbilisi, Dinner 19:00, End of the fourth day</b>	

September 13, 2019

The Fifth Day (5 hours totally)

9:00	<b>Apl.Prof.Dr.habil., Dipl. -Mel. -Ing. Holger Behm, University of Rostock,Germany</b> Lecture, 1 h – Soundscape - a new international hotspot in landscape research; <i>Questions and answers</i>
10:00	<b>Apl.Prof. Dr.habil., Dipl. –Mel. –Ing. Holger Behm, University of Rostock, Germany</b> Lecture, 1 h – Landscape Aesthetics – traditional views and modern approaches; <i>Questions and answers</i>
11:00	<b>Prof. Isabel Loupa-Ramos University of Lisbon, Portugal</b> Lecture, 1 h – Making the concept of Landscape identity operational in policy and planning practice; <i>Questions and answers</i>
<b>12:00 Coffee Break</b>	
12:30	<b>Prof. Isabel Loupa-Ramos University of Lisbon, Portugal</b> Lecture, 1 h – Exploratory landscape scenarios in definition landscape quality objectives; <i>Questions and answers</i>
13:30	<b>Prof. Isabel Loupa-Ramos University of Lisbon, Portugal</b> Lecture, 1 h – Participatory methods in landscape character assessment; <i>Questions and answers</i>
15:00	<b>Combined event (Conference, Seasonal School) closing ceremony, handing of the certificates.</b>
<b>End of the event</b>	

**International Multidisciplinary Combined Event**  
**Actual Problems of Landscape Sciences: Environment, Society, Politics**

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**COMBINED EVENT: CONFERENCE AND SEASONAL SCHOOL SCHEDULE**

<b>COMBINED EVENT</b>	<b>Monday September 9</b>	<b>Tuesday September 10</b>	<b>Wednesday September 11</b>	<b>Thursday September 12</b>	<b>Friday September 13</b>
<b>CONFERENCE</b>	Registration, Opening ceremony, greetings; Conference plenary session, Lunch, Coffee Break, Welcome party.	Conference sessions, Opening the Exhibition, Lunch, Coffee Break.	Conference sessions, Excursion in Mtskheta, Dinner.	Conference sessions	Conference sessions, Coffee Break Round table, Closing ceremony, Conclusion remarks, Handing of certificates.
<b>SCHOOL</b>	Registration, Opening ceremony, greetings; Conference plenary session, Lunch, Coffee Break, Lectures Welcome party.	Lectures, Opening the Exhibition, Lunch, Coffee Break.	Lectures, Lunch, Coffee Break.	Field workshop in Kazbegi, Lunch, Dinner.	Lectures, Coffee Break Closing ceremony, Handing of certificates.

**The Event was supported by Shota Rustaveli National Science Foundation of Georgia (SRNSFG),  
Grant MG-ISE-18-370**



## **C O N T E N T S**

<b>CONFERENCE PROGRAMME</b>	<b>1</b>
<b>SEASONAL SCHOOL PROGRAMME</b>	<b>12</b>
<b>COMBINED EVENT: CONFERENCE AND SEASONAL SCHOOL SCHEDULE</b>	<b>16</b>