

Second announcement

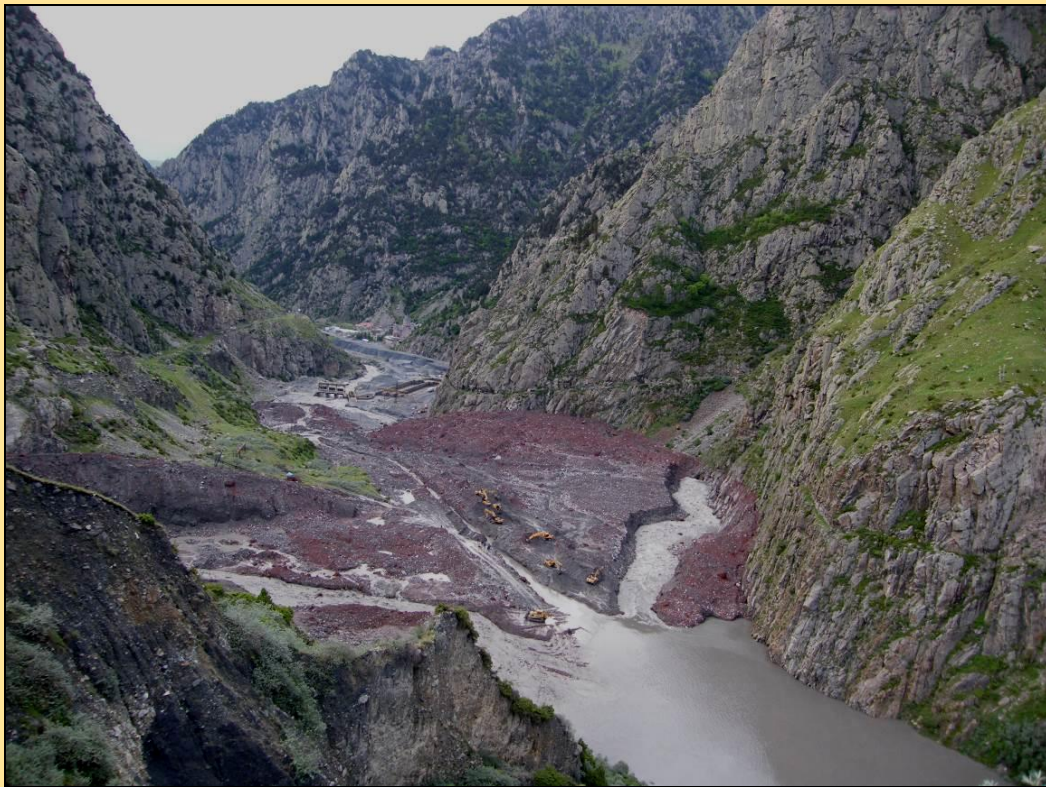
5th International Conference

DEBRIS FLOWS: DISASTERS, RISK, FORECAST, PROTECTION

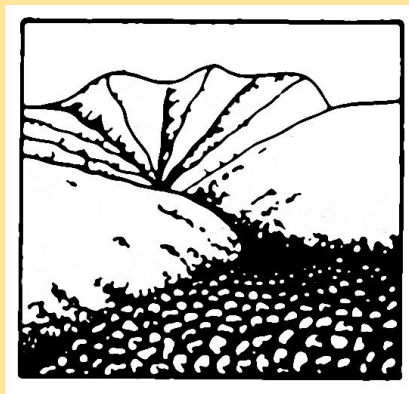
**Tbilisi, Georgia
October 1-5, 2018**

მე-5 საერთაშორისო კონფერენცია
ღვარცოფები, კატასტროფები, რისკი,
პროგნოზი, დაცვა
თბილისი, საქართველო
1-5 ოქტომბერი, 2018.

**5-я международная конференция
СЕЛЕВЫЕ ПОТОКИ: КАТАСТРОФЫ,
РИСК, ПРОГНОЗ, ЗАЩИТА**
Тбилиси, Грузия
1-5 октября 2018 г.



www.debrisflow.ru/df18/?lang=en



The Tsotne Mirtskhulava Water Management Institute of the Georgian Technical University, the Ecocenter for Environmental Protection and the Debris Flow Association invite you and your colleagues to participate in the **5th International Conference on Debris Flows: Disasters, Risks, Forecast, Protection** which will take place **October 1-5, 2018 in Tbilisi, Georgia**, followed by field workshop in debris flow catchments of Georgia.

Debris flows in mountain regions cause significant damage for the economy and often lead to victims among local people.

Debris flow studies have started in Georgia from the middle of the 19th century. The maps of debris flow hazards and zoning were created, investigations on permanent study areas on control catchments were conducted, the experiments of the debris flows physical simulation in the laboratory debris-flow flume were held, mitigation measures were developed, and protection constructions were designed and built.

To solve the debris flow problems, experts from different countries are required to work together. The conferences on **Debris Flows: Disasters, Risks, Forecast, Protection** are among the forms of the international cooperation. This conference in Georgia is the fifth, it continues a series of conferences with the same name held in Pyatigorsk (2008), Moscow (2012), Yuzhno-Sakhalinsk (2014), Irkutsk and Arshan (2016).

The Conference is held with the participation of government ministries of Georgia, UNESCO and international organizations.

Important Dates

Deadline of the applications for participation in the Conference and for the abstract submission – **March 15, 2018.**

Deadline for article submission for conference proceedings – **May 1, 2018**

Arrival of participants to Tbilisi – **September 30, 2018.**

International Conference – **October 1–3, 2018.**

Field workshop in Kakheti and Kazbegi – **October 4–5, 2018.**

Departure of participants of the International Conference – **October 6, 2018.**

Topics of the Conference

- Global and regional analysis of debris flows
- Debris flow disasters of different genesis in recent years
- Debris flow risk assessment, early warning and forecast
- Modelling of debris flows
- Debris flow hazard of glacial lakes
- Ice-water-rock flows
- Debris flow mitigation
- Guidelines and manuals for debris flow studies, forecast, and mitigation design
- Schools and traditions in debris flow research

Program of the Conference

The Program of the Conference will be published on the Conference website in September, 2018. The Program will include:

- Plenary presentations (20-25 minutes, including questions)
- Oral presentations (15 minutes, including questions)
- Poster presentations
- Session “Strategies for debris flow risk reduction”
- Special meeting “Where next? Modelling future lakes formation for risk management and design-making”
- Discussions
- Field workshop in debris flow catchments of Georgia (Kakheti and Kazbegi)

Please prepare your posters in A0 format, vertical orientation.

Languages

Working languages of the conference: English, Georgian, and Russian.
We plan to organize simultaneous translation.

Conference Location

Administrative building of the Georgian Technical University, 77 Merab Kostava St., Tbilisi, Georgia (<http://gtu.ge/Eng/>)



Tbilisi City. View from Narikala Fortress.



Georgian Technical University.
Administrative building

Field Workshop

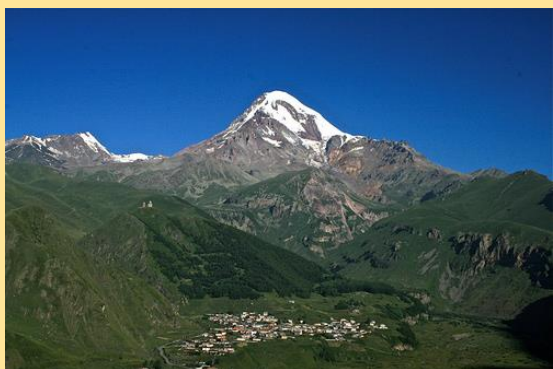
The field workshop will be held on October 4-5, 2018 in Kakheti region (Telavi and Kvareli) and along the Georgian Military Road (Kazbegi). Workshop will include two one-day trips, with the return to Tbilisi in the evening.



Kakheti region. St. George Cathedral (11th century) in Alaverdi Monastery established in 6th century



Protective dam destroyed by debris flows.
Duruji River upstream of Kvareli town



Mt. Kazbek. Military Georgian Road area.



Debris flow catchments near Kvemo-Mleti village

The air temperature in the mountains of Georgia in early October may vary from +10 to +25 degrees. The Organizing Committee recommends the participants of the workshop to wear trekking shoes or sneakers, and to have clothes in the case of both sunny and rainy weather.

Conference organizers and partners



Tsothe Mirtskhulava Water Management Institute
of the Georgian Technical University



Debris Flow Association



Ministry of Education and Science of Georgia



Ministry of Natural Resources and Environment
of Georgia



UNESCO



Lomonosov Moscow State University,
Faculty of Geography



Aga Khan Agency for Habitat



High Mountain Geophysical Institute



Chongqing Institute of Green and Intelligent Technologies
and Institute of Mountain Hazards and Environment,
Chinese Academy of Sciences



Laboratory of Physical Geography, National Center
for the Scientific Research, University Panthéon-
Sorbonne

Engineering Academy of Georgia



IBTP Koschuch e.U.



Ecocenter
for Environmental Protection

Main information partner

Geomarketing Publishing Center, Russia
(The Georisk journal)

Organizing committee

Co-Chairmen of the Organizing Committee

Archil Prangishvili (Georgian Technical University, Georgia)

Givi Gavardashvili (Tsotne Mirtskhulava Water Management Institute of the Georgian Technical University, Georgia)

Sergey Chernomorets (Debris Flow Association and Lomonosov Moscow State University, Russia)

Vincent Jomelli (Laboratory of Physical Geography, CNRS and Pantheon-Sorbonne University Paris 1, France)

Fangqiang Wei (Institute of Mountain Hazards and Environment, Chinese Academy of Sciences, China, and Chongqing Institute of Green and Intelligent Technology, Chinese Academy of Sciences, China)

Members of the Organizing Committee

Tamazi Batsikadze (Georgian Technical University, Georgia)

Mukhtar Bekkiev (High-Mountain Geophysical Institute, Russia)

Ruslan Bobov (Aga Khan Agency for Habitat, Tajikistan)

Igor Bondyrev (Vakhushti Bagrationi Institute of Geography of the Ivane Javakhishvili Tbilisi State University, Georgia)

Goga Chakhaia (Tsotne Mirtskhulava Water Management Institute of the Georgian Technical University, Georgia)

Robert Diakonidze (Tsotne Mirtskhulava Water Management Institute of the Georgian Technical University, Georgia)

Yuri Efremov (Kuban State University, Russia)

Sven Fuchs (BOKU University, Austria)

Zurabi Gasitashvili (Georgian Technical University, Georgia)

Rinaldo Genevois, Department of Geosciences, University of Padova, Italy

Daviti Gurgenedze (Georgian Technical University, Georgia)

Christian Huggel (Zurich University, Switzerland)

Inga Iremashvili (Tsotne Mirtskhulava Water Management Institute of the Georgian Technical University, Georgia)

Irina Iordanishvili (Tsotne Mirtskhulava Water Management Institute of the Georgian Technical University, Georgia)

Nikolay Kazakov (Sakhalin Department of Far East Geological Institute, Far East Branch, Russian Academy of Sciences, Russia)

Georgiy Kherkheulidze (Institute of Hydrometeorology of the Georgian Technical University, Georgia)

Levani Klimashvili (Georgian Technical University, Georgia)

Elena Kozireva (Institute of Earth Crust, Siberian Branch, Russian Academy of Sciences, Russia)

Shorena Kupreishvili (Tsotne Mirtskhulava Water Management Institute of the Georgian Technical University, Georgia)

Merab Makarashvili (Georgian Water Project, Georgia)

Stanislav Makarov (V.B. Sochava Institute of Geography, Siberian Branch of Russian Academy of Sciences, Russia)

Akhmetkal Medeu (Institute of Geography of Kazakhstan, Almaty, Kazakhstan)

Otar Natishvili (National Academy of Sciences, Georgia)

Dzhumberi Panchulidze (Georgian Technical University, Georgia)

Irina Pavlova (UNESCO – United Nations Educational, Scientific and Cultural Organization)

Maxim Petrov (Institute of Geology and Geophysics of the National Academy of Sciences of Uzbekistan, Uzbekistan)

Alexandr Shnyparkov (Lomonosov Moscow State University, Russia)

Vladimir Shurgaia (Tsotne Mirtskhulava Water Management Institute of the Georgian Technical University, Georgia)

Boris Stepanov (Kazhydromet, Kazakhstan)

Evgeniy Talanov (Al-Farabi Kazakh National University, Kazakhstan)

Daviti Tavkhelidze (Georgian Technical University, Georgia)

Emil Tsereteli (Department of Natural Hazards Research, Centre of Monitoring and Forecasts, Ministry of Environment Protection and Natural Resources of Georgia, Georgia)

Alexey Vinogradov (Gidrotechproject, Russia)

Eduard Zaporozhchenko (Debris Flow Association, Russia)

Secretariat of the Organizing Committee

Elena Savernyuk (Lomonosov Moscow State University, Russia)

Eduard Kukhalashvili (Tsotne Mirtskhulava Water Management Institute of the Georgian Technical University, Georgia)

Marina Mgebrishvili (Tsotne Mirtskhulava Water Management Institute of the Georgian Technical University, Georgia)

Conference Proceedings

The reception of articles for the Conference Proceedings is completed. The Organizing Committee accepted 76 papers for publication in the Proceedings. The Conference Proceedings is now ready to be published and will be published to the beginning of the Conference.

Some of the articles, which were chosen by the Organizing Committee and have been reviewed, will be published in the Russian Journal Georisk, No. 3 and 4, 2018.

Registration of participants

If you are going to participate in the Conference but have not registered yet, the Organizing Committee asks you to fill in the registration form on the Conference website: http://www.debrisflow.ru/application_form/

If you have registered, the Organizing Committee asks you to confirm your arrival by email and send the following information:

- date and time of the arrival to Tbilisi,
- flight numbers,
- the address where you are planning to stay in Tbilisi,
- your mobile phone number.

If you have registered but are not going to arrive, the Organizing Committee asks you to inform. This will help us to correct the Program.

Visa to Georgia and travel information



Citizens of many countries are allowed to enter Georgia without visas. A full list of countries whose citizens are allowed to enter without visas is available at <https://www.geoconsul.gov.ge>. If you need visa, please, inform us in advance so that we could send an invitation in due time for processing documents in the Embassy of Georgia in your country.

You can enter Georgia by plane, car, train, or sea vessel. Shota Rustaveli International Airport is located 15 km east of the city of Tbilisi. The airport accepts flights from many cities, including Moscow, St. Petersburg, Yerevan, Baku, Almaty, Aktau, Astana, Minsk, Kiev, Dubai, Munich, Istanbul, Vienna. From the airport, you can use bus or shuttle bus to the nearest metro station. Automobile border crossings are on the borders with Russia (Upper Lars-Dariali), Armenia (Bagratashen-Sadakhlo and others), Azerbaijan (Red Bridge and others), Turkey (Sarpi, Vala Posof).

Registration fee and fee for the participation in the field workshop

Registration fee is 100 US dollars. Fee for students and post-graduate students is **50 US dollars**. Registration fee includes expenses for publication of conference Proceedings, publication of the conference program and other information materials, participation in gala dinner, organization of the coffee-breaks during the conference, translation services, and other expenses.

There are two ways to pay for the registration fee:

- bank transfer;
- payment at the conference (you can pay only cash because the Organizing Committee is not permitted to take credit cards).

Fee for the participation in the field workshop is 60 US dollars.

The participation in the field workshop must be paid by bank transfer only. The transportation for the field trip will be booked in advance, therefore only those participants who will pay for the registration fee not later than September, 1st can take part in it.

Bank details for payment of the registration fee and the participation in the field workshop fee are:

Seller: Ecocenter for Environmental Protection

Identification Code: 406024528

Address: 60-b, Chavchavadze ave. 0179, Tbilisi, Georgia

Service Bank: JSC "TBC Bank"

Account Number: GE95 TB60 7553 6180 1000 05

Bank Code: TBCBGE22

Purpose of payment: Participation in seminar, excursion fee for participant (first name, last name)

You can combine payments for several participants in one bank transfer. In this case, please indicate the first names and last names of all participants in the purpose of payment.

The deadline for sending payments is **no later than September 1, 2018**. The Organizing Committee strongly recommends to send the payment in advance.

After the transfer, please inform us about the payment, and send a copy of the payment document to debrisflow.sel@gmail.com. This will help to identify your payment and to confirm it.

Sponsorship and exhibition

The Organizing Committee offers additional opportunities for organizations – sponsorship and participation in exhibition, concerning debris flow theme.

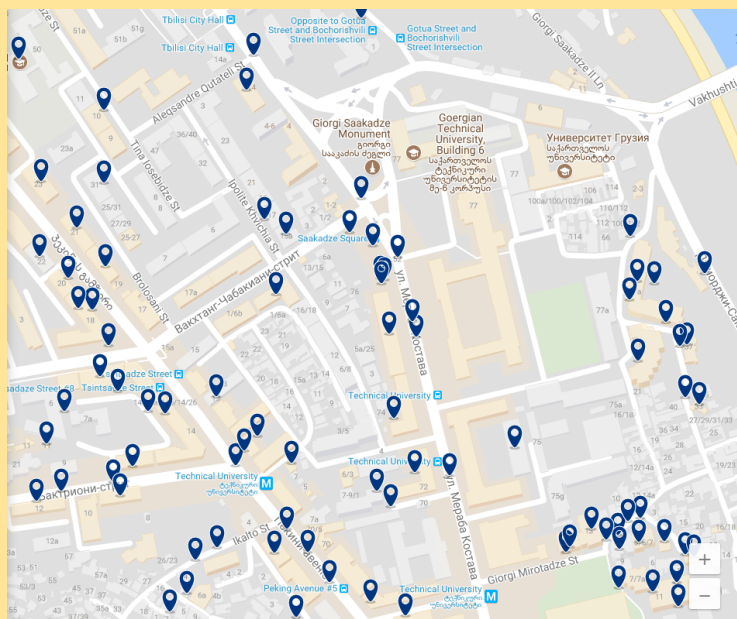
1. The sponsorship package includes the publishing of the logo of your organization on the conference website, in the volume of the conference proceedings, in the program and other conference materials. Handout of your organization will be distributed to each participant of the conference.

2. The exhibition package includes the opportunity to demonstrate your materials in the foyer in front of the conference hall. The representative of the organization will be provided with a special location (a table, a chair, electricity, a place for stands). The representative of the organization can stay there for three days (October 1-3), distribute materials and advertise your organization.

Organizations interested in the sponsorship and/or the exhibition package are welcome to contact the Scientific Secretary of the Debris Flow Association Ms. Elena Savernyuk for details: debrisflow.sel@gmail.com.

Accommodation

Participants cover their own accommodation expenses. Tbilisi has a large number of hotels and apartments of different levels of comfort and value.



Hotels and apartments in the area of Georgian Technical University which is a conference site.
Sketch map from www.booking.com

Names and addresses of some places near the conference site: Alliance Hotel*** (9 Likhauri St.), Amadeus Hotel*** (3 Merab Aleksidze St.), Art Hotel Claude Monet**** (3 Gamrekeli St.), Demi Hotel *** (10 Ananuri St.), Hotel Salo ** (1A V.Anjaparidze St.), Dream Hill Hotel *** (1 Kote Makharadze St.).

Contacts

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Please send your messages simultaneously to all three e-mail addresses.

Website of the conference

www.debrisflow.ru/df18/?lang=en

The Organizing Committee plans to publish the following updates of Conference details website without additional announcements.



Welcome to the conference!