

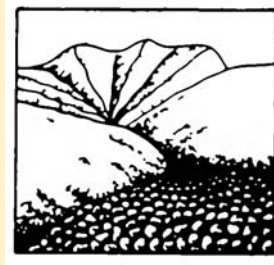
*First announcement*

## **5<sup>th</sup> International Conference**

# **DEBRIS FLOWS: DISASTERS, RISK, FORECAST, PROTECTION**



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



The Tsoetne 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 **5<sup>th</sup> 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.

### 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

- Plenary presentations
- Oral presentations
- Poster presentations
- Discussions
- Field workshop in debris flow catchments of Georgia (Kakheti and Kazbegi)

### 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.**

## Conference Location

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



Tbilisi City. View from Narikala Fortress.



Georgian Technical University. Building No. 1

## Languages

Working languages of the conference: English, Georgian, and Russian.

## Field Workshop

It is supposed that a 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 (11<sup>th</sup> century) in Alaverdi Monastery established in 6<sup>th</sup> 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

## Conference organizers and partners



Tsothne Mirtskhulava Water Management Institute  
of the Georgian Technical University



Debris Flow Association



Ecocenter  
for Environmental Protection



Ministry of Natural Resources and Environment  
of Georgia



Ministry of Education and Science of Georgia



High Mountain Geophysical Institute



Lomonosov Moscow State University,  
Faculty of Geography



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



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

## Main information partner

Geomarketing Publishing Center, Russia  
(The Georisk journal)

## Organizing Committee

### Co-Chairmen of the Organizing Committee

**Givi Gavardashvili**, Tsoetne 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 International Organizing Committee

**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

**Yuri Efremov**, Kuban State University, Russia

**Sven Fuchs**, BOKU University, Austria

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

**Christian Huggel**, Zurich University, Switzerland

**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

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

**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

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

**Alexandr Shnyparkov**, Lomonosov Moscow State University, Russia

**Boris Stepanov**, Kazhydromet, Kazakhstan

**Evgeniy Talanov**, Al-Farabi Kazakh National University, Kazakhstan

**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

## Members of Local Organizing Committee

**Inga Iremashvili**  
**Irina Iordanishvili**  
**Robert Diakonidze**  
**Goga Chakhaia**  
**Shorena Kupreishvili**  
**Vladimir Shurgaia**  
**Marina Mgebrishvili**

(Tsothe Mirtskhulava Water Management Institute of the Georgian Technical University, Georgia)

## Scientific Secretary of the Organizing Committee

**Eduard Kukhalashvili**, Tsothe Mirtskhulava Water Management Institute of the Georgian Technical University, Georgia

## Application Form

Full name	
Co-authors (full names)	
Title of the presentation	
Position	
Academic degree	
Organization	
Address	
Phone number	
E-mail	
Form of participation (select the desired option) - oral presentation - poster presentation - attending meetings without report	
Hotel accommodation (yes/no)	
Do you need visa support?	
Will you participate in the field workshop?	
Date of application	

Please send your application form to both addresses: **gwmi1929@gmail.com** and **debrisflow.sel@gmail.com**

## Visa to Georgia and travel information

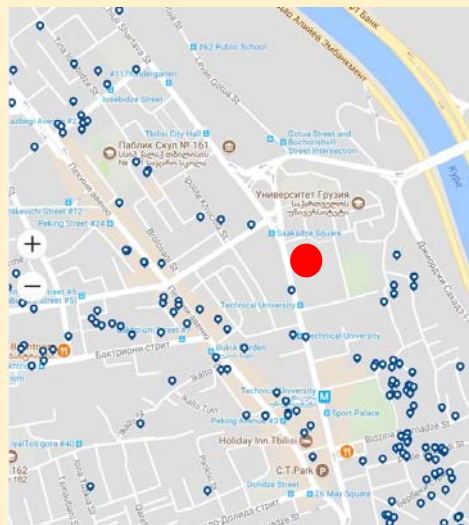


Citizens of many countries are allowed to enter Georgia without visas. A full list of countries whose citizens are allowed to enter without visas is available at <https://www.geoconsul.gov.ge>. If you need visa, please, inform us in advance so that we could send an invitation in due time for processing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

### Accommodation

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



Hotels (blue marks) in the area of Georgian Technical University which is a conference site (red mark).

### Registration fee

**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.

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

## Abstract Guidelines

- Page size – A4, margins 2.0 (top and bottom), 3 cm (left) and 1.5 cm (right);
  - Font – New Times Roman, 12 pt, Word text editor, single-spaced;
  - 1<sup>st</sup> line – title of the presentation, typed at the center in bold capital letters;
  - 2<sup>nd</sup> line – space;
  - 3<sup>rd</sup> line – authors (surnames and initials). Typed at the center in capital letters. Authors' names should be followed by superscripts – Arabic numerals (if the authors are from different organizations);
  - 4<sup>th</sup> line – organization, full address, e-mail, centered, in italics;
  - 5<sup>th</sup> line – space;
  - 6<sup>th</sup> line and further – the text of an abstract. Abstract should not exceed 250 words in English or Russian.
- Authors will be notified about acceptance. We do not plan to publish abstracts.

## Publication of the Conference Proceedings

We accept original, previously unpublished articles. The articles should contain no more than 30000 characters with spaces. Articles should correspond to the themes of the conference.

The text should be divided into sections: introduction, brief review of the problem, methods, data, analysis, conclusions, acknowledgements, and references. Do not number the pages. Page size – A4; Font – New Times Roman, 12 pt, Word text editor, single-spaced.

- 1<sup>st</sup> line – title of the presentation, typed at the center in bold capital letters;
- 2<sup>nd</sup> line – space;
- 3<sup>rd</sup> line – authors (surnames and initials). Typed at the center in capital letters. Authors' names should be followed by superscripts – Arabic numerals (if the authors are from different organizations);
- 4<sup>th</sup> line – organization, full address, e-mail, centered, in italics;
- 5<sup>th</sup> line – space;
- 6<sup>th</sup> line – abstract (no more than 250 words);
- 7<sup>th</sup> line – key words;
- 8<sup>th</sup> line – space;
- 9<sup>th</sup> line and further – the text of article. Paragraph break – 1 cm. Width alignment.

Figures (graphs, photo) must be placed in the text. Figures (Fig. 1) can be both black-and-white and colored. All figures captions and labels should be in place.

Tables (Table 1) should be placed in the body of the article. Table number and title should be placed above the table.

The equations created in the Microsoft Equation editor should be numbered. Reference to an equation number is given in the text in parentheses.

In the text, references to cited publications shall be given in square brackets, indicating the name of the first author and the year of publication [*Ivanov, 2017; Petrov et al., 2013*].

A list of references shall be compiled in the alphabetical order. It shall be separated from the text by a blank line without the title “References”. Full names of journals cited shall be given and printed in italics.

The file name consists of the surname and initials of the first author and should be typed in Latin letters, e.g., *ivanov\_a\_b.doc*.

All articles should be submitted for approval to the Organizing Committee.

Please send your articles at the same time to both addresses: **gwmi1929@gmail.com** and **debrisflow.sel@gmail.com**.



Deadline for submission is May 1, 2018.

Authors will be notified about acceptance. We plan to prepare the volume of proceedings before the opening of the conference.

## Poster presentation

Poster orientation should be vertical. Poster size should be A0.

## Contacts

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Please send registration forms, abstracts and articles simultaneously to both e-mail addresses.

The conference website will be created later. The news about the conference will be published on the website of the **Debris Flow Association**:

<http://www.debrisflow.ru/?lang=en> and on the website of the Tsotne Mirtskhulava Water Management Institute of the Georgian Technical University [www.wmi.ge/ENG/index%20eng.htm](http://www.wmi.ge/ENG/index%20eng.htm)



*Welcome to the Conference!*