

Second announcement

7th International Conference

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

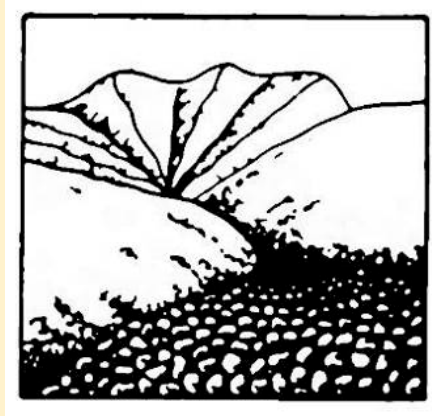
**Chengdu, China
September 23–27, 2024**



**第七届国际泥石流会议：
灾害、风险、预测、防治
中国成都
2024年9月23日至27日**

**7-я международная
конференция
СЕЛЕВЫЕ ПОТОКИ:
КАТАСТРОФЫ, РИСК, ПРОГНОЗ,
ЗАЩИТА
Чэнду, Китай
23–27 сентября 2024 г.**

Website: <https://www.debrisflow.ru/en/df24/>



Background

Debris flows in mountain regions cause significant damage to the economy and often result in victims among local population. To address the challenges of debris flows and related phenomena, experts from different countries and with different disciplinary background are required to work together. The conferences on **Debris Flows: Disasters, Risks, Forecast, Protection** are among these forms of the international cooperation. This conference in China is the 7th, it continues a series of conferences held in Pyatigorsk (2008), Moscow (2012), Yuzhno-Sakhalinsk (2014), Irkutsk and Arshan (2016), Tbilisi (2018), and Dushanbe and Khorog (2020; due to pandemic held in a reduced correspondence format).

The Debris Flow Association, the Asian Network of Debris Flow, and the Institute of Mountain Hazards and Environment Chinese Academy of Sciences invite you and your colleagues to participate in the **7th International Conference on Debris Flows: Disasters, Risk, Forecast, Protection** which will be held in Chengdu, China during September 23-27, 2024.

Objective

The conference aims to explore the mechanism and prevention strategies of debris flow disasters under global climate change, and improve the theoretical and technical level of disaster prevention and mitigation.

Topics

The conference focuses on but is not limited to the following topics:

- Regional distribution patterns and impacts of debris flow disasters
- Formation mechanism of debris flow hazards
- Debris flow hazards related to glacial lakes
- Observation and modeling of debris flow hazards
- Monitoring, early warning, and prediction of debris flow hazards
- Risk assessment and disaster mitigation of debris flow
- Disaster chains of landslides and debris flows

Program of the Conference

- Plenary presentations
- Oral presentations
- Poster presentations
- Discussions
- Field seminar in debris flow catchments

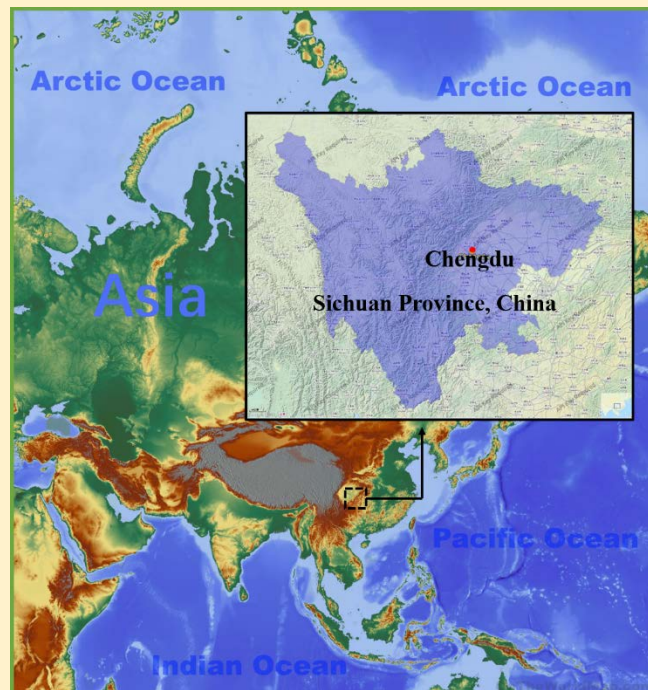
Important Dates

- Deadline for the abstract submission – **February 15, 2024**
- Deadline for article submission for conference proceedings – **April 1, 2024**
- Deadline for the online payment of participation in the field seminar – **July 1, 2024**
- Arrival of participants to Chengdu and registration – **September 22, 2024**
- International Conference – **September 23–25, 2024 (Chengdu)**
- Field seminar – **September 26-27, 2024**
- Departure of participants of the International Conference – **September 28, 2024**

Conference location

Presentation venue: Chengdu, Sichuan Province, China.

Field seminar: 2008 Wenchuan earthquake area in Sichuan, China



Location of Chengdu in Sichuan Province, China

Languages

Working languages of the conference: English, Chinese, and Russian (simultaneous translation is provided).

Application Form and Abstract Guidelines

If you would like to participate in the Conference, please fill in the **application form** on the Conference website: http://www.debrisflow.ru/en/df24_application_form/

The application form includes information about the participant, the organization, the type of participation, as well as contact details.

Participants planning to make presentations submit **abstracts** in electronic form on the conference website at the same page. At the beginning of the abstracts the following information are given:

- title,
- last names and initials for all authors,
- organizations (for all authors) and e-mail address (for corresponding author).

Then the text of the abstract is given. The length of the text shouldn't exceed 250 words.

Abstracts will not be published.

Publication of the Conference Proceedings

We accept original, previously unpublished articles. The articles should contain no more than 30,000 characters with spaces. Articles should correspond to the conference topics. The conference will organize a special issue in *Journal of Mountain Science*, a high-impact international academic journal in English. Some of the submitted articles will be published on the journal after peer reviews.

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; MS Word text editor, single-spaced.

At the beginning of the article, the following information is given (each item from a new line):

Title (Times New Roman, 14 pt, black)

Authors (initials and surnames) (Times New Roman, 11 pt, black)

Organization, City, Country, e-mail (for corresponding author) (Times New Roman, 10 pt, italic)

Abstract: (no more than 250 words) (Times New Roman, 10 pt, black)

Key words: (Times New Roman, 10 pt, italic, black)

First level heading (Times New Roman, 11 pt, black)

Second level heading (Times New Roman, 11 pt, black, italic)

The font of main text is the Times New Roman, 11 pt, black.

Fig. 1. The font of figure and table captions is the Times New Roman, 10 pt, black.

Figures (graphs, photo) should be placed in the text of the article. The quality of the figures should be high. Figures (Fig. 1) can be both black-and-white and colored. All figures captions and labels should be in place. The thickness of the lines shall be at least 0.15 mm. The size of the text on the figure must correspond to the figure. Figures should be easily readable. In the electronic version of the proceedings, the figures will be published in colour format, while in the printed version they will be published in black and white.

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.

The letter designations and abbreviations used in the article should be deciphered at the first mention in the text or expressions to the formulas.

Units of measure are specified in the International System of Units.

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 [*Yablokov, 2009; Schroder et al., 2010*].

A list of references should be given in the end of the article and compiled in the alphabetical order.

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 to the address: debrisflow.sel@gmail.com.

Deadline for submission is April 1, 2024.

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

Poster presentations

Please prepare your posters in A0 format, vertical (portrait) orientation.

Visa to China and travel information

List of agreements on mutual visa exemption between the People's Republic of China and foreign countries is shown in the official website of China (http://cs.mfa.gov.cn/zlbg/tyxy_660627/201202/t20120207_961630.shtml)

Citizens of visa free countries mentioned in the above link should prepare relevant documents and materials according to the document requirements in the link and enter China.

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 China in your country.

Chengdu Shuangliu International Airport (CTU) is a major air hub of Western China, the other one being Chengdu Tianfu International Airport (TFU).

Airlines: Air China, China Eastern Airlines, Sichuan Airlines, etc.

Flights from: Moscow, Tokyo, Rome, Vienna, Almaty, Frankfurt, Jakarta, London, Seoul, Taipei, Taiyuan, Bishkek, Tashkent, Islamabad, Dubai, Istanbul, Los Angeles, Osaka, Saint Petersburg, Vancouver, Beijing, Shanghai, Urumqi, etc.

Accommodation

The conference website is not available to make payment. You can contact us, and we will submit it to hotel to reserve a room for you in advance with the preferential price.

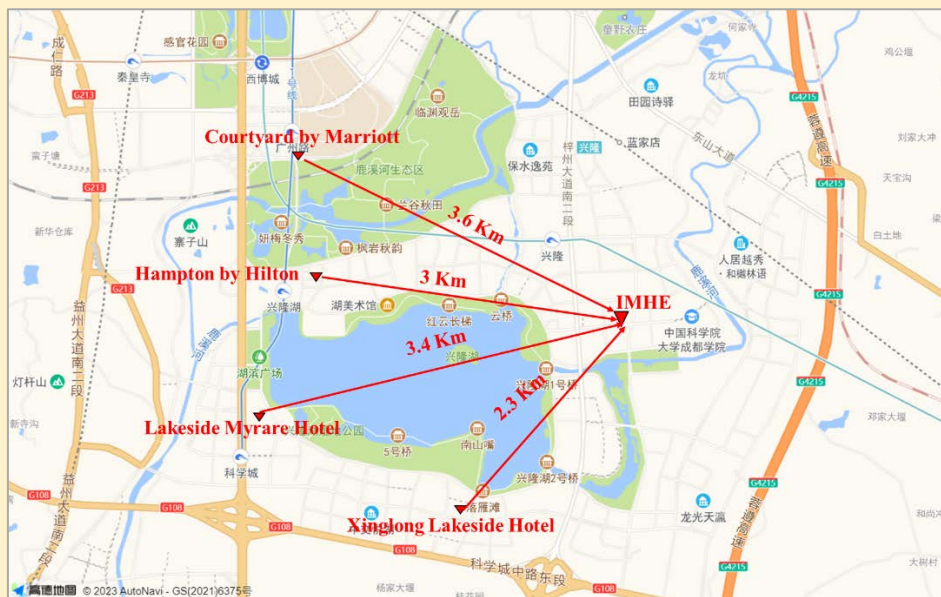
| Hotel name | Price (China Yuan, CNY) |
|-------------------------|-------------------------|
| Xinglong Lakeside Hotel | 370–800 |
| Courtyard by Marriott | 370–800 |
| Hampton by Hilton | 340–710 |
| Lakeside Myrare Hotel | 360–700 |

Xinglong Lakeside Hotel: Building 3, No. 966 Creative North Road, Xinglong Street, Chengdu, 610200, China.

Courtyard by Marriott: No. 288 Bolancheng Road, Chengdu, 610200, China.

Hampton by Hilton Chengdu Xibocheng: Building 6, No.55 Jingrong Rd, Chengdu, 610200, China.

Lakeside Myrare Hotel: No. 718, West Section of Hupan Road, Chengdu, 610200, China.

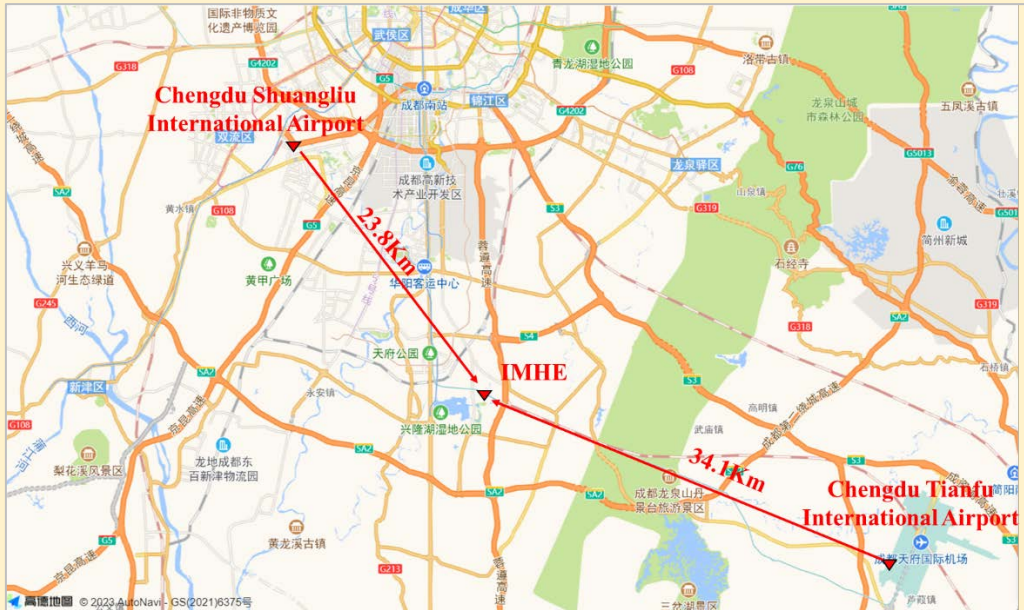


Distance between the conference venue and the nearest hotels.

Address of Conference Venue

Institute of Mountain Hazards and Environment (IMHE), Chinese Academy of Sciences.

Address: No.189, QunXianNan Street, TianFu New Area, Chengdu, China.



Distance between the conference venue and the airports

1. From Tianfu International Airport to the Conference Venue (IMHE)
By Metro: It takes one hour from the Tianfu International Airport North Station (Line 18#) - Xinglong Station (Line 18#).
By Taxi: It takes about 50 minutes from Tianfu International Airport to the hotel by taxi, and costs about 150 CNY.
2. From Shuangliu International Airport to the Conference Venue (IMHE)
By Metro: It takes one hour from the Shuangliu International Airport Station (Line 19#) – Tianfu Station (transfer station of Line 19# and 18#) – Xinglong Station (Line 18#).
By Taxi: It takes about 50 minutes from Tianfu International Airport to the hotel by taxi, and costs about 100 CNY.

Note: As most of the taxi drivers cannot speak in English, please show the destination in Chinese to the driver like this:

中国科学院、水利部成都山地灾害与环境研究所
(成都天府新区群贤南街 189 号)

Field seminar

On September 26-27, 2024, a field seminar on debris flows in China will take place along the Chengdu – Qingping – Wenchuan – Yinxiu– Chengdu route that was the epicenter of the 2008 Wenchuan earthquake. On May 12, 2008, a catastrophic earthquake with an 8.0 magnitude occurred in Wenchuan County, China. This is one of the most destructive earthquakes in China since the last century. The Wenchuan earthquake impacted an area of 300,000 km², most of the intensively affected area located in the Longmen Mountains of Sichuan Province. The earthquake triggered immediately 2,273 large-scale debris flows and resulted in long-term effects on the natural environment. We envisage visiting the post-earthquake debris flow gullies including Wenjia Gully, Qipan Gully, Chediguan Gully, Niujuan Gully, and Hongchun Gully.



1. Wenjia Gully

Wenjia Gully is a newly added debris flow ravine after the Wenchuan earthquake. The earthquake triggered a large-scale high-speed remote landslide-debris flow, laying a good material source foundation. Since the earthquake, Wenjia Gully has become the focus of research on earthquake induced landslides, landslide-debris flows,

and post-earthquake debris flows. Currently, there are still many potential material sources in the gully, which is highly likely to cause large-scale debris flow disasters.

2. Qipan Gully

Qipan Gully is a gully where debris flow occurred frequently. A debris flow erupted after the Diexi earthquake in 1933; in the second half of the 1960s and 1970s, debris flows erupted more frequently, mostly once a year. In addition, the Wenchuan earthquake induced many collapse deposits, potential landslides and barrier dams, which made the Qipan Gully debris flow more active.

3. Chediguan Gully

Chediguan Gully is one of the most active debris flow gullies in Wenchuan earthquake-affected area. Affected by the Wenchuan earthquake, the debris flow material source of this gully is rich and debris flow erupts frequently. In 2010, 2011, 2013 and 2014, debris flows erupted many times, blocking road and Minjiang River repeatedly.

4. Hongchun Gully

On August 14, 2010, triggered by the rainstorm, the debris flow in Hongchun Gully erupted, and about 1 million m³ of material was washed down, blocking the Minjiang River and destroying many houses and water supply facilities in Yingxiu Town. During emergency treatment, an extreme rainstorm on August 18 triggered debris flow in the gully again, resulting in 13 deaths and 59 missing. More than 8,000 people were transferred, and the economic losses were serious.

5. Niujuan Gully

Niujuan Gully is located in the epicenter area of the Wenchuan earthquake. On the day of the earthquake, 11 debris flows occurred in the gully. After the earthquake, the large-scale debris flows occurred many times in 2008, 2010, 2013, and caused great economic losses and casualties.

Registration fee and fee for the participation in the field seminar

Registration fee is 150 US dollars or 1100 Chinese Yuans. Registration fee includes expenses for publication of conference Proceedings (not includes publish fee of paper in *Journal of Mountain Science*), 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. The registration fee for Master or PhD Students is 75 USD or 550 Chinese Yuans.

Fee for the participation in the field seminar will be determined based on the number of participating peoples. The cost of the field trip is roughly 150 USD including accommodation in Wenchuan area (1 night), transportation costs, meals. More field trip routes will be available in future announcement. The cost of other field trips will be published.

Bank details for payment of the registration fee and the participation in the field workshop will be published on the Conference website. **Cash** payment is encouraged for the participants without an international bank card.

After the transfer, please inform us about the payment, and send a copy of the payment document to liushuang@imde.ac.cn. This will help to identify your payment and to confirm it.

Organizing Committee

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Marina Pirulli (Politecnico di Torino, Italy, and representative of the DFHM Series IOC)

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Sergey Sokratov (Lomonosov Moscow State University, Russia)

Chuan Tang (Chengdu University of Technology, China)

Aleksandr Strom (Hydroproject Institute, Russia)

Stara Tarikhazer (Institute of Geography named after academician Hasan Aliyev, Azerbaijan)

Tun Wang (Institute of Care-Life, ChengDu/ Sichuan University, China)

Xiekang Wang (State Key Laboratory of Hydraulics and Mountain River Engineering, Sichuan University, China)

Roza Yafyazova (National Hydrometeorological Service of Kazakhstan, Kazakhstan)

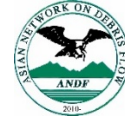
Eduard Zaporozhchenko (Debris Flow Association, Russia)

Dimitry Znamensky (Brazilian Committee on Large Dams, Brazil)

Conference organizers and partners



Debris Flow Association



Asian Network of Debris Flow



Institute of Mountain Hazards and Environment,
Chinese Academy of Sciences



Lomonosov Moscow State University,
Faculty of Geography



Chongqing Institute of Green and Intelligent
Technologies, Chinese Academy of Sciences



Far East Geological University, FEB RAS



State Key Laboratory of Hydraulics and Mountain
River Engineering, Sichuan University



Institute of Earth Crust, Siberian Branch, Russian
Academy of Sciences



Landslide and Engineering Slope Branch
of Chinese Society for Rock Mechanics & Engineering

State Key Laboratory of Hydroscience and
Engineering, Tsinghua University

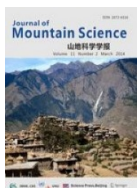


Institute of Care-Life, ChengDu / Sichuan University



China National Meteorological Centre

Information partners



Journal of Mountain Science



Hydrosphere. Hazard processes
and phenomena



Georisk World

Financial support



Chinese Academy of Sciences



Institute of Mountain Hazards and Environment,
Chinese Academy of Sciences

Sponsorship and Exhibition

The Organizing Committee offers additional opportunity for organizations which includes participation in exhibition, concerning debris flow theme.

Organizations interested in the exhibition package are welcome to contact the Dr. Jingjing Liu for details: liujingjing@imde.ac.cn

More information

If you need any other help or assistance, please feel free to contact us at any time.

Contact persons

Shuang Liu, liushuang@imde.ac.cn (information and services)

Elena Savernyuk, debrisflow.sel@gmail.com (proceedings in Russian)

Pu Li, lipu@imde.ac.cn (proceedings in English)

Jingjing Liu, liujingjing@imde.ac.cn (sponsorship, exhibition)

Website of the Conference

<https://www.debrisflow.ru/en/df24/>



Table of contents

| | |
|---|----|
| Background | 2 |
| Objective | 2 |
| Topics | 2 |
| Program of the Conference | 3 |
| Important Dates | 3 |
| Conference location | 3 |
| Languages | 4 |
| Application Form and Abstract Guidelines | 4 |
| Publication of the Conference Proceedings | 4 |
| Poster presentations | 5 |
| Visa to China and travel information | 5 |
| Accommodation | 6 |
| Address of Conference Venue | 6 |
| Field seminar | 8 |
| Registration fee and fee for the participation in the field seminar | 9 |
| Organizing Committee | 10 |
| Academic Advisory Committee | 10 |
| Conference organizers and partners | 12 |
| Information partners | 12 |
| Financial support | 12 |
| Sponsorship and Exhibition | 13 |
| More information | 13 |
| Contact persons | 13 |
| Website of the Conference | 13 |

Welcome to the conference!