



1st Announcement and Call for Abstract Submission

The 14th International Workshop on TibXS (Multi-observations and Interpretations of Xizang, Xinjiang and Siberia)

August 10-14, 2026, Kunming, Yunnan, China

Organized and sponsored by

- ❖ State Key Laboratory of Precision Geodesy/Wuhan National Observation and Research Station for Geodesy, Innovation Academy for Precision Measurement Science and Technology, Chinese Academy of Sciences, Wuhan, Hubei, China
- ❖ Yunnan Aerospace Engineering Geophysical Detecting Co., Ltd, Kunming, Yunnan, China
- ❖ School of Geodesy and Geomatics, Wuhan University, Wuhan, Hubei, China
- ❖ Department of Civil Engineering, Yang Ming Chiao Tung University, Hsinchu, Taiwan, China
- ❖ College of Earth and Planetary Sciences, University of Chinese Academy of Sciences, Beijing, China
- ❖ Sun Yat-sen University, Zhuhai, Guangdong, China
- ❖ National Gravitation Laboratory, Huazhong University of Science and Technology, Wuhan, Hubei, China
- ❖ Subcommission 2.6 and Subcommission 2.4e of International Association of Geodesy (IAG)



Background information

The Qinghai – Xizang Plateau, Xinjiang, Siberia, and their surrounding regions form one of the most dynamic natural laboratories on Earth for studying continental deformation, mountain building, intracontinental tectonics, cryosphere change, hydrological redistribution, and geohazards. The region includes the world’s highest plateau, major active fault systems, extensive glaciers and permafrost, large river-source areas, arid inland basins, and broad high-latitude environments. These coupled tectonic, climatic, hydrological, and cryospheric processes make the TibXS region scientifically important not only for Asia, but also for understanding global change and Earth-system interactions.

The International Workshop on TibXS was initiated in 2009 as an international forum for geodesy, geodynamics, gravity, seismology, remote sensing, and related Earth-science disciplines. Over the past 13 workshops, TibXS has provided a platform for researchers to exchange new observations, methods, models, and interpretations concerning Xizang, Xinjiang, Siberia, and adjacent regions, including Yunnan, Sichuan, Qinghai, Gansu, Guizhou, Guangxi, and other tectonically and environmentally sensitive areas. The 14th TibXS continues this tradition while further expanding its scientific scope toward integrated observations and interdisciplinary interpretations.

Recent advances in space geodesy, satellite gravimetry, terrestrial and airborne gravity, InSAR, GNSS, satellite altimetry, time and frequency geodesy, seismology, hydrology, glaciology, and artificial intelligence have greatly improved our ability to observe Earth-surface deformation, mass redistribution, seismic processes, glacier and permafrost change, water storage variation, and climate-related hazards. However, many key scientific questions cannot be answered by a single technique alone. Integrated analysis of multi-source, multi-scale, and multi-parameter observations is essential for identifying causal mechanisms, separating tectonic, hydrological, cryospheric, and climatic signals, and improving the reliability of geophysical interpretation.

The 14th TibXS therefore welcomes contributions that use observations, theory, numerical modeling, data assimilation, time-frequency analysis, machine learning, and interdisciplinary approaches to address fundamental and applied problems in geodesy and geodynamics. Particular attention will be given to studies that combine different observational systems, reveal new physical mechanisms, improve monitoring capability, or provide scientific support for disaster mitigation, water-resource management, ecological protection, and adaptation to climate change in high-mountain, plateau, inland-basin, and high-latitude environments.

Topics of the workshop

- ✧ Plate tectonics, crustal deformation, and geodynamics
- ✧ Seismogeodesy and earthquake-cycle processes
- ✧ Gravity field, mass redistribution, and Earth-system applications
- ✧ Space geodesy, remote sensing, and environmental change
- ✧ Cryosphere, hydrology, and climate-related processes
- ✧ Multi-source data integration, time-frequency analysis, and artificial intelligence
- ✧ Geohazards, disaster monitoring, and sustainable development
- ✧ Regional studies of Xizang, Xinjiang, Siberia, and surrounding regions
- ✧ Time and frequency signals applications in geodesy

Scientific Organization Committee

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Co-chairs: Cheinway Hwang, Wenbin Shen

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Zebing Zhou, Huazhong University of Science and Technology, China

Zhicai Luo, Huazhong University of Science and Technology, China

Local Organization Committee

Chair: Xiaodong Chen

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Venue

The meeting place will be held in **Hongta Conference Center**, No. 8 Guanjing Road, Xishan District, Kunming, Yunnan, China (中国云南省昆明市西山区观景路 8 号, 红塔会务中心).

Abstract submission

Deadline for Abstracts Submission is **June 30, 2026**. Abstracts should be submitted to Mr. Chen Xiaodong (chenxd@apm.ac.cn).

History about TibXS

Since its inception in 2009, the TibXS workshop has been held 13 times in different cities across China. The dates and venues of the previous workshops, together with the venue of the 14th TibXS, are listed below. Figure 1 shows a map of the locations of all TibXS workshops.

No.	Year	City
1	2009	Urumchi, Xinjiang
2	2011	Xining, Qinghai
3	2012	Chengdu, Sichuan
4	2013	Yining, Xinjiang
5	2014	Guiyang, Guizhou
6	2015	Kunming, Yunnan
7	2016	Tianjin
8	2017	Mohe, Heilongjiang
9	2018	Zhangye, Gansu
10	2019	Lugu Lake (Liangshan), Sichuan
11	2023	Dali, Yunnan
12	2024	Kashi, Xinjiang
13	2025	Xining, Qinghai
14	2026	Kunming, Yunnan

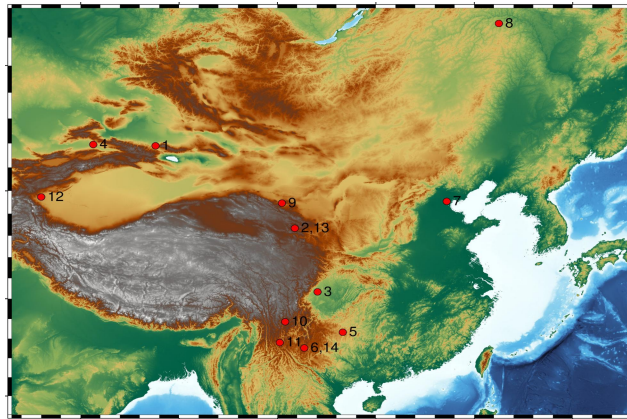


Fig1. Locations of the previous TibXS workshops and the 14th TibXS workshop

Special issue of an international journal

Contributions from the 14th TibXS are encouraged to submit manuscript to a special issue of an international SCI journal (to be determined), to document new scientific findings in TibXS based on multi-datasets especially the GRACE and altimeter data and time-frequency applications in geoscience. The guest editors will be announced later. The tentative deadline of full paper submission is expected on **October 31, 2026**. Requirements in details will be described in special announcement.

Registration and Presentation

On-site registration on August 10th (whole day), 2026 is recommended. The registration fee is 350 USD (or RMB 2400) by credit card. For a student, the registration fee is 290 USD (or RMB 2000). Days of presentation and discussions: **August 11-13**.

Formal language of the Workshop

All abstracts, full papers, and presentations should be given in English.

Best Paper Awards for Graduate Students

During the meeting, the Scientific Committee will select the best papers presented by master's and doctoral students. First and second prizes will be awarded. Students who wish to compete for the awards should submit an extended abstract to Mr. Chen Xiaodong by July 10, 2026. The extended abstract should not exceed four A4 pages, 3000 words, and 3 figures.

To be eligible, the applicant must be the first author of the submitted paper and must give an oral presentation at the meeting. The awards will be announced and presented during the closing ceremony.

Accommodation

Accommodation cost is covered by participants themselves. Accommodation cost in Hotel: 360-450 RMB/night for two-beds room (twin room) or for one big-bed room. The LOC will reserve the rooms for participants.

Transportation

Please take taxis or public buses from Changshui International Airport to the **Hongta Conference Center**, No. 8 Guanjing Road, Xishan District, Kunming, Yunnan, China (中国云南省昆明市西山区观景路 8 号, 红塔会务中心). Please contact Dr. He Tang, for transport service.

Reception and Invitations

Reception Dinner: All representatives are invited to attend the **reception from 18:00 to 20:30 on August 10** (GMT+08:00).

Dinner Invitations: All representatives are invited to attend the **meeting closing dinner: starting at 18:30 on August 13**.

Pre-Registration

The participants are invited to fill in and submit the attached registration form and abstract form to Mr. Chen Xiaodong (chenxd@apm.ac.cn) **before June 30, 2026**.

Registration Form

International Workshop of 14th TibXS, August 10-14, 2026, Kunming, Yunnan, China

SURNAME: _____

GIVEN NAME: _____

TITLE _____ SEX _____

ADDRESS: _____

Post code _____ Country _____ City _____

E-Mail: _____

Accommodation: ☐two-beds room ☐two-beds room(shared) ☐one big-bed room

Days: From _____ to _____

Institute:

Title(s) of Presentation(s): (Abstracts should be submitted using the specified template)

I'll be accompanied by:

Please send this form before June 30, 2026

To: Mr. Chen Xiaodong (chenxd@apm.ac.cn)

Title of your abstract here

A.B. Author⁽¹⁾, C.D. Author⁽²⁾ and E.F. Author⁽³⁾

(1) Please enter A.B. Author affiliation here with full address, (abauthor@mail.com / your phone here)

(2) Please enter C.D. Author affiliation here with full address, (cdauthor@mail.com)

(3) Please enter E.F. Author affiliation here with full address, (efauthor@mail.com)

Please enter the main text of your abstract here. Make it as concise as possible indicating its main scope, methods, data, main results achieved and a short conclusion statement. The abstract should be 100-500 words long. Do not include equations, figures and references in your abstract. Use standard abbreviations for units of measurement. Other abbreviations should be spelled out in full at first mention, followed by the abbreviation in parentheses. Please proofread carefully. It is suggested that you use your word processing program to assist with checking for grammar and spelling errors, as well as word count.

Keywords: keyword1, keyword2, keyword3

Presentation preference (Oral/Poster/no preference)