



2025 SEG Near-Surface Geophysical Exploration and Geo-Disaster Prevention Technology Workshop

4–6 July 2025 | Chengdu, China

IMPORTANT DATE

Call for Abstract Close: 1 Mar 2025
Early Registration open: 3 Apr 2025
Early Registration close: 3 Jun 2025

LOCATION

Chengdu University of Technology
Address: No. 1, East Third Road,
Erxianqiao, Chenghua Dist., Chengdu

ORGANIZERS



成都理工大学
CHENGDU UNIVERSITY OF TECHNOLOGY

SUPPORTERS

State Key Laboratory of Geohazard
Prevention and Geoenvironment
Protection

Key Laboratory of Earth Exploration
and Information Technology,
Ministry of Education

College of Geophysics, Chengdu
University of Technology

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Qiang Xu, Chengdu University of
Technology (CDUT)

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Xuben Wang, Geophysical Society of Sichuan Province

Yixian Xu, Zhejiang University

Gang Yu, BGP Inc., CNPC

TECHNICAL COMMITTEE MEMBERS

(...More technical committee members to be added. All name lists are in alphabet order of last name.)

Recep Cakir, Washington State Department of Natural Resources; **Hui Chen**, East China University of Technology; **Feng Cheng**, Zhejiang University; **Risheng Chu**, Innovation Academy for Precision Measurement Science and Technology, CAS; **Hesham El-Kaliouby**, National Research Centre, Egypt; **Gang Fang**, Shandong University; **Xuan Feng**, Jilin University; **Zhenwei Guo**, Central South University; **Yi He**, Lanzhou Jiaotong University; **Jun Hu**, Central South University; **Majid Khan**, University of Science and Technology Beijing; **Yunyue Elita Li**, Purdue University; **Xuejun Liu**, BGP Inc., CNPC; **Zhong Lu**, China University of Mining and Technology; **Xushan Lu**, Shandong University; **Enhedelihal Alex Nilot**, Jilin University; **Huaifeng Sun**, Shandong University; **Teng Wang**, Peking University; **Xiaowen Wang**, Southwest Jiaotong University; **Junjun Wu**, Optical Science and Technology (Chengdu) Ltd.; **Yunlong Wu**, China University of Geosciences (Wuhan); **Wenbin Xu**, Central South University; **Kunlong Yin**, China University of Geosciences (Wuhan); **Chi Zhang**, University of Vienna; **Guohong Zhang**, China Earthquake Administration; **Feng Zhou**, China University of Geosciences (Wuhan)

WORKSHOP OVERVIEW

Near-surface geophysical exploration is vital for unveiling geological structures and properties from the Earth's surface down to depths of several hundred meters. In recent years, significant advancements in near surface geophysics have been made in areas such as environmental pollution monitoring, geo-disaster monitoring, and disaster early warning systems. Sustained technological innovation has led to the widespread adoption of methods including high-resolution shallow seismic imaging, high-frequency surface wave exploration, microtremor seismic detection techniques, deep-penetration ground-penetrating radar, high-power electromagnetic methods, satellite/UAV based remote sensing imaging, autonomous 4D geoelectrical imaging, airborne/semi-airborne electromagnetic surveys, etc.

To thoroughly discuss the latest technologies and methodologies in near-surface geophysical exploration and their applications in geological hazard monitoring and prevention. Chengdu University of Technology, in collaboration with renowned universities and research institutions both domestically and internationally, are organizing the "2025 SEG Near-Surface Geophysical Exploration and Geo-Disaster Prevention Technology Workshop". We cordially invite experts and scholars from the international geophysical community and domestic colleagues to share the latest research achievements in near-surface geophysical exploration and geo-disaster prevention technologies, discuss future trends in technological developments, and explore how to further advance the field of complex geological hazard monitoring and prevention.

TECHNICAL TOPICS

- 1- New Technologies and Methods in Shallow Seismic Exploration
- 2- Airborne/Semi-Airborne Electromagnetic Techniques and Applications
- 3- Recent Advances in Near-Surface Geophysics for Monitoring Geological Hazards (e.g., Earthquakes, Landslides)
- 4- Satellite/UAV based remote sensing monitoring for geological hazards
- 5- Advanced technologies and methods for early warning, risk assessment and mitigation of cascading hazards
- 6- Technological innovation for active tectonics, Geomorphology and Geoenvironmental engineering
- 7- Applications for machine learning/AI to interpret complex datasets
- 8- Short to intermediate to long-term monitoring of hazards using permanent electrical resistivity installations

TECHNICAL SHOWCASE

BENEFITS

As becoming the showcase company (onsite) of SEG technical workshop, your company will obtain the following rights:

- 1、 Company logo on website & marketing collaterals as showcase company
- 2、 Company logo on corresponding announcements including workshop advertisements
- 3、 Company logo on corresponding on-site promotion branding & technical program
- 4、 One oral presentation opportunity (20-25 min) during the workshop
- 5、 One free Workshop Delegate Registration

(AS TO APPEAR ON PRINTED MATERIALS)

Apply Form

Company _____

Contact Name _____

Contact Title _____

Mailing Address _____

City & State _____

Zip Code _____ Country _____

Mobile phone _____ Office Tel _____

E-mail _____

On Behalf of _____

COMPANY NAME

I hereby authorize the **Booth Exhibition** .

Authorized signature _____

Date _____

**Technical showcase opportunity will be reserved based on the service fee payment completed.*

QUESTIONS?

If you have any questions regarding to the exhibition or the workshop, please feel free to contact SEG China office at:

china@seg.org

+8610-58205048

PAYMENT METHOD

Paying in Chinese Yuan (RMB)

SEG China Bank Account Information

Account Name: Beijing SEG Consulting Co. Ltd

户名: 北京艾思义技地物技术咨询有限公司

Account No.: 110 916 318 410 506

账号: 110 916 318 410 506

Bank: Beijing Wanda Plaza Branch, China Merchants Bank

开户行: 招商银行北京万达广场支行

Address: Room 102-107, Bld 7, No.93 Jianguo road, Chaoyang District, Beijing, China

开户行地址: 北京市朝阳区建国路93号7号楼102-107

PAYMENT Amount

The service fee for ONE technical showcase is US\$3,300 (RMB 23,800), and is due & payable with the return of the application form.

Paying in U.S.Dollars(\$)

Please contact SEG China Office (china@seg.org, or tel: +8610-58205048) for the wire instructions.



2025 SEG近地表地球物理勘探与地质灾害防治技术研讨会

2025年7月4-6日 | 中国·成都

重要日期

征稿截止时间: 2025年3月1日

提前注册开始时间: 2025年4月3日

常规注册开始时间: 2025年6月4日

会议地点

成都理工大学

地址: 四川省成都市成华区二仙桥东三路1号

主办单位



SOCIETY OF EXPLORATION
GEOPHYSICISTS



成都理工大学
CHENGDU UNIVERSITY OF TECHNOLOGY

支持单位

地质灾害防治与地质环境保护国家重点实验室

地球勘探与信息技术教育部重点实验室

成都理工大学地球物理学院

会议背景

近地表地球物理勘探对于揭示从地球表面至数百米深度范围内的地质结构和地质特征至关重要。近年来,近地表地球物理学在环境污染监测、地质灾害监测以及灾害预警系统等领域取得重大进展。持续的技术创新使得诸多方法得到广泛应用,包括高分辨率浅层地震成像、高频面波勘探、微动地震探测技术、深穿透探地雷达、大功率电磁法、基于卫星/无人机的遥感成像、四维自主地电成像、航空/半航空电磁测量等。

为全面探讨近地表地球物理勘探领域的最新技术与方法及其在地质灾害监测和防治方面的应用,成都理工大学联合国内外知名高校及科研机构,携手举办“2025 SEG近地表地球物理勘探与地质灾害防治技术研讨会”。我们诚挚邀请国际地球物理学界的专家学者以及国内同仁分享近地表地球物理勘探及地质灾害防治技术方面的最新研究成果,探讨技术发展的未来趋势,并探索如何进一步推动复杂地质灾害监测与防治领域的发展。

研讨专题

1. 浅层地震勘探新技术与新方法
2. 航空/半航空电磁技术及应用
3. 用于地质灾害监测(如地震、滑坡)的近地表地球物理学最新进展
4. 基于卫星/无人机的地质灾害遥感监测
5. 用于预警、风险评估和缓解级联影响的先进技术和方法
6. 活动构造、地貌学及地质环境工程方面的技术创新
7. 机器学习/人工智能在解读复杂数据集方面的应用
8. 利用永久性电阻率装置对灾害进行短期、中期及长期监测

大会主席

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技术主席

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(.....更多技术委员增加中 | 以上为姓氏首字母顺序)

技术推介

企业权益

- 作为 2025 SEG 近地表地球物理勘探与地质灾害防治技术研讨会 的技术推介企业，贵单位将享有以下权益：
- 1、 作为技术推介企业，公司的LOGO将在会议官网和宣传手册同步发布
 - 2、 作为技术推介企业，公司的LOGO将在研讨会的推广广告及会议通知中发布
 - 3、 作为技术推介企业，公司的LOGO将在现场品牌推广和会议手册/指南中发布
 - 4、 一场口头报告展示企业技术优势与先进成果（20-25分钟）
 - 5、 一位免费注册名额，可参加两天内全部技术报告的听取与讨论

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开户行地址北: 北京市朝阳区建国路93号7号楼102-107

咨询与帮助

关于参展或参加技术研讨会
如您有任何问题或需协助
欢迎联系SEG中国办公室

邮件: china@seg.org
电话: +86 10-5820.5048

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确认后，方可生效。