



# 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

## GENERAL CHAIRMAN

**Qiang Xu**, Chengdu University of  
Technology (CDUT)

## TECHNICAL CO-CHAIRS

**Keren Dai**, Chengdu University of Technology

**Lee Slater**, Rutgers University Newark

**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

# BOOTH EXHIBITION

## BENEFITS

As becoming the booth exhibitor (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 Standard Booth Exhibition at Foyer Area
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.*

## 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

## 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

## BOOTH EQUIPMENT

Booth size is 3m\*3m/3m\*2m/2m\*2m  
Exhibition booth package includes the following:

- \* Exhibition stand built with white display panels and aluminum framework
- \* 1 table
- \* 2 chairs
- \* Power supply and socket, 220V, 5A
- \* 2 spotlights
- \* Each booth will include 1 delegate registration pass

Booth assignments are on a first come/first served basis

## PAYMENT Amount

The service fee for ONE technical showcase is US\$3,600 (RMB 25,800), 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

许强, 成都理工大学

## 技术主席

戴可人, 成都理工大学

徐义贤, 浙江大学

Lee Slater, Rutgers University Newark

余刚, 中国石油集团东方地球物理勘探有限责任公司

王绪本, 四川省地球物理学会

## 技术委员会

Recep Cakir, Washington State Department of Natural Resources; 陈辉, 东华理工大学; 程逢, 浙江大学; 储日升, 中国科学院精密测量科学与技术创新研究院; Hesham El-Kaliouby, National Research Centre, Egypt; 方刚, 山东大学; 冯晖, 吉林大学; 郭振威, 中南大学; 何毅, 兰州交通大学; 胡俊, 中南大学; Majid Khan, 北京科技大学; 李云月(Elita), Purdue University; 刘雪军, 中国石油集团东方地球物理勘探有限责任公司; 路中, 中国矿业大学; 卢绪山, 山东大学; Alex Nilot 恩和得力海, 吉林大学; 孙怀凤, 山东大学; 王腾, 北京大学; 王晓文, 西南交通大学; 吴俊军, 中油奥博(成都)科技有限公司; 吴云龙, 中国地质大学(武汉); 许文斌, 中南大学; 殷坤龙, 中国地质大学(武汉); 张弛, University of Vienna; 张国宏, 中国地震局; 周峰, 中国地质大学(武汉)

(.....更多技术委员增加中 | 以上为姓氏首字母顺序)

# 展位展览

## 参展企业权益

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 的参展企业，贵单位将享有以下权益：

1. 作为参展企业，公司的LOGO将在会议官网和宣传手册同步发布
2. 作为参展企业，公司的LOGO将在研讨会的推广广告及会议通知中发布
3. 作为参展企业，公司的LOGO将在现场品牌推广和会议手册/指南中发布
4. 本次会议现场，可使用一个标准展位用于企业市场宣传推广
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

## 参展申请

(此处信息将展示在宣传材料中)

公司名称 \_\_\_\_\_

联系人姓名 \_\_\_\_\_

联系人职务 \_\_\_\_\_

联系地址 \_\_\_\_\_

城市及省份 \_\_\_\_\_

邮政编码 \_\_\_\_\_ 国家 \_\_\_\_\_

联系电话/手机 \_\_\_\_\_ 办公电话 \_\_\_\_\_

电子邮箱 \_\_\_\_\_

参展企业申请方 \_\_\_\_\_

我单位申请参加该会议期间的展位展览。 COMPANY NAME

授权代表签名 \_\_\_\_\_

申请日期 \_\_\_\_\_

\* 展位安排遵循“先到先得”的预定原则

## 支付方式

SEG中国银行账户信息

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

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开户行地址: 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

## 展位设施与配置

展位规格: 3m\*3m/3m\*2m/2m\*2m

展位方案包含以下内容:

- \* 展台由白色展板搭建配以铝制框架
- \* 1张桌子
- \* 2把椅子
- \* 电源及插座, 220V, 5A
- \* 2盏射灯
- \* 每个展位将含1位会议注册名额

## 服务费用

每场推介, 服务费为US\$3,600 (人民币¥25,800)

请填写推介申请表, 完成相关费用支付后回传至组委会  
确认后, 方可生效。