

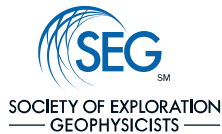


## MEETING NOTICE

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

4–6 July 2025 | Chengdu, China

#### ORGANIZERS



#### 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

#### 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





# MEETING NOTICE

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

4–6 July 2025 | Chengdu, China

### TECHNICAL TOPICS

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

### REGISTER CHANNELS

- For local registrants, visit SEG China website <https://seg-china.org.cn/events/calendar-88.html> and finish registration online.
- For international registrants, please visit SEG global website or contact SEG China office at [china@seg.org](mailto:china@seg.org), TEL: +86 10 58205048.

Registration Date	SEG Member	SEG Non-Member	SEG Member (Student)	SEG Non-Member (Student)	Technical Committee
Register and pay by 10 June	¥ 3,000	¥ 3,200	¥ 1,600	¥ 1,800	¥ 2,800
Begins 11 June onwards	¥ 3,400	¥ 3,600	¥ 1,600	¥ 1,800	¥ 2,800

#### Notes:

Registrant should login or create an account to register for this meeting on the webpage which are applicable for relevant personnels.

The event committee members are entitled special benefit for registration. Please contact [china@seg.org](mailto:china@seg.org), +86.10.58205048 ext.805.

### GENERAL CHAIRMAN:

**Qiang Xu**, Chengdu University of Technology

### 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:

**Recep Cakir**, Washington State Department of Natural Resources, and Department of International Water Resources, Izmir Institute of Technology (IZTECH), Urla, Izmir, Turkiye; **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; **Enhedelilai 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)

FOR MORE INFORMATION, PLEASE REFER TO THE WEBSITE:

[https://seg.org/calendar\\_events/seg-near-surface-geophysical-exploration-and-geo-disaster-prevention](https://seg.org/calendar_events/seg-near-surface-geophysical-exploration-and-geo-disaster-prevention)





## 会议通知

# 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

### 主办单位



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



SEG.ORG/EVENTS





## 会议通知

# 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

### 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

Department of International Water Resources, Izmir Institute of Technology (IZTECH), Urla, Izmir, Turkiye

陈辉，东华理工大学

卢绪山，山东大学

程逢，浙江大学

Alex Nilot 恩和得力海，吉林大学

储日升，中国科学院精密测量科学与技术创新研究院

孙怀凤，山东大学

Hesham El-Kaliouby, National Research Centre, Egypt

王腾，北京大学

方刚，山东大学

王晓文，西南交通大学

冯暄，吉林大学

吴俊军，中油奥博(成都)科技有限公司

郭振威，中南大学

吴云龙，中国地质大学(武汉)

何毅，兰州交通大学

许文斌，中南大学

胡俊，中南大学

殷坤龙，中国地质大学(武汉)

Majid Khan, 北京科技大学

张弛，University of Vienna

李云月(Elita), Purdue University

张国宏，中国地震局

刘雪军，中国石油集团东方地球物理勘探有限责任公司

周峰，中国地质大学(武汉)

路中，中国矿业大学

### 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

[https://seg.org/calendar\\_events/seg-near-surface-geophysical-exploration-and-geo-disaster-prevention](https://seg.org/calendar_events/seg-near-surface-geophysical-exploration-and-geo-disaster-prevention)



SEG.ORG/EVENTS



## 会议通知

# 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

### 参会注册

国际通道, SEG全球官网[https://seg.org/calendar\\_events/seg-near-surface-geophysical-exploration-and-geo-disaster-prevention](https://seg.org/calendar_events/seg-near-surface-geophysical-exploration-and-geo-disaster-prevention)

国内通道, SEG中国官网 <https://seg-china.org.cn/events/calendar-88.html>

注册日期	SEG会员	非SEG会员	SEG会员 (学生)	非SEG会员 (学生)	本次会议 委员会委员
2025年6月10日 (含)之前	¥ 3,000	¥ 3,200	¥ 1,600	¥ 1,800	¥ 2,800
2025年6月11日 (含)之前	¥ 3,400	¥ 3,600	¥ 1,600	¥ 1,800	¥ 2,800

#### 温馨提示:

在线注册前需在相应网站创建个人账户,方可继续完成注册,并实时查询注册进展。

本次会议委员会委员注册优享特别权益,注册参会请联系SEG中国办公室[china@seg.org](mailto:china@seg.org), +86.10.58205048转805获取注册表。

### 会场附近酒店

为方便您的住宿安排,会场附近酒店如下。可通过订房二维码或直接联系酒店预订房间。

特别提醒:会议期间正值暑期旺季,为保证您的住宿需求,请尽早预订房间。



订房二维码

**成都成华豪生Life酒店** (距会场约 900 米,步行 10-15 分钟)

地址:成都市成华区东华一路268号

电话: +86-19828350721 (汪经理)

大床/双床房: 398元/间/晚 (含早餐)

**成都怡东国际酒店** (距会场约 600 米,步行 6-8 分钟)

地址:成都成华区二仙桥东三路1号

电话: +86-18080755691 (张经理)

大床/双床房: 328元/间/晚 (含早餐)

**成都成华希尔顿花园酒店** (距会场约 900 米,步行 10-15 分钟)

地址:成都成华大道杉板桥路 699 号

电话: +86-19938133723 (赵经理)

大床/双床房: 500元/间/晚 (双早加50)

**成都东郊记忆美居酒店** (距会场约 900 米,步行 10-15 分钟)

地址:四川成都成华区二仙桥东路158号

电话: +86-(028)-65269696



有关本次会议的更多咨询: [china@seg.org](mailto:china@seg.org), 电话: +86 (10) 58205048 转805

