

# 2026 International Conference on Deep Earth Resource Exploration and Engineering

4-6 December 2026 • Beijing, China



### | EVENT DESCRIPTION

Deep-earth spaces contain abundant mineral resources; however, the extreme environments characterized by high temperatures, high pressures, and other harsh conditions in the deep subsurface pose severe challenges to existing exploration and engineering technologies, as well as to the safety of underground spaces. The need to overcome the relevant theoretical and technological bottlenecks is urgent.

**2026 International Conference on Deep Earth Resource Exploration and Engineering (ICDEE'26)** focuses on deep exploration, development, and safety, while embracing the concepts of intelligent and green development. The event's core objectives are to tackle the key technological challenges in deep extreme-environment exploration theories and equipment, drilling and production, and engineering safety; to forge industry consensus and drive technological innovation; and to chart development pathways for deep earth resource exploration and engineering technologies.

Leveraging the disciplinary strengths of the organizer - China University of Petroleum (Beijing), the ICDEE'26 aims to establish a world-class platform for frontier technology research and industry exchange in the deep earth domain.

### | ABSTRACT SUBJECTS

1. Rock Physics Methods and Technologies
2. Geomechanics Theories and Applications
3. Rock Mechanics Theories and Applications
4. Geophysical Exploration Methods and Techniques:  
Geophysical Imaging; Reservoir Inversion; Gravity, Magnetism and Electricity
5. Geophysical Well Logging Theories and Technologies
6. Drilling Theories and Technologies
7. Resource Geological Exploration and Development
8. CCUS - Carbon Capture, Utilization, and Storage
9. Geothermal Resource Exploration, Development, and Comprehensive Utilization
10. Natural Hydrogen, Helium, Hydrate-Free Resources Exploration and Development
11. Critical Mineral Exploration, Development, and Comprehensive Utilization
12. Safe Utilization of Underground Space (Gas/Hydrogen/Energy Storage, etc.)
13. Intelligent Sensing and Equipment
14. Applications of Artificial Intelligence Technologies
15. Economic Evaluation and Management of Mineral Resources
16. Integrated Industry-Academia-Research-Application of Mineral Resources

**Publications:** Special issues/sections of Geophysics, Journal of Energy Resources Technology (JERT), Interpretation will be calling papers for this event. Outstanding presentations may also be recommended to journals such as ENGINEERING.

### | IMPORTANT INFO

Call for abstracts opens upon the release of this notice  
Call for abstracts closes by 31 October 2026  
Event Dates: 4-6 December 2026  
Event Location: Beijing, China (Specific venue to be released soon)

# 2026 International Conference on Deep Earth Resource Exploration and Engineering

4–6 December 2026 • Beijing, China



## | FEATURED SESSIONS

- 1. Policy and Strategy Roundtable Forum:** Experts from government, academia, industry, and international organizations will be invited to interpret deep earth engineering policies and deliberate on standards and regulatory frameworks.
- 2. Young Scientists Forum and Graduate Student Poster Competition in the Deep Earth Domain:** Independent submission channels will be opened for young scholars under 35, as well as doctoral and master's students. Outstanding Young Scientist Paper Award will be established.

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Hanming Chen, Pinbo Ding, Jiangfeng Guo, Xin Nie

## | **ABSTRACT FORMAT** (Select one from the two formats)

### ▪ **Full Extended Abstract**

Submissions shall be 2–4 pages in double-column layout, formatted for 8.5×11-inch paper with a minimum 1-inch margin on all sides, and submitted as a PDF file. The title shall be set in 12-point bold font, and author names in 10-point italic font. The content must contain sufficient technical details to enable a rigorous quality review.

### ▪ **Short Abstract**

Submissions shall be 250–500 words in length and explicitly address four mandatory sections: research purpose and scope, methodology and workflow, results and conclusions, and technical innovations and contributions.

All abstracts are required to be submitted in English, accompanied by the submitting author's bilingual biography (Chinese & English) and valid contact telephone and email.

If authors plan to publish the abstracts in conference library, the submission must conform to the Abstract Template which can be downloaded from the event website, and a completed copyright transfer letter shall be executed upon formal acceptance notification.

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# 2026年深地资源探测与工程国际会议

2026年12月4-6日 | 中国·北京



## | 会议背景

深地空间蕴含丰富矿产资源，但深部高温、高压等极端环境对现有探测与工程技术以及地下空间安全形成严峻挑战，亟需突破相关理论与技术瓶颈。

本次会议聚焦深部勘探开发以及安全领域，践行智慧绿色理念，核心目标为：研讨深地极端环境探测理论与装备、钻采、工程安全等关键核心技术难题；凝聚行业共识、聚焦技术创新，规划能源强国战略下深地资源探测与工程技术的发展路径。

**2026年深地资源探测与工程国际会议**依托主办单位中国石油大学（北京），搭建国际一流的深地领域科研交流平台。

## | 征稿主题

1. 岩石物理方法与技术
2. 地质力学理论与应用
3. 岩石力学理论与应用
4. 地球物理勘探方法与技术：地震成像，储层反演，重磁电
5. 地球物理测井理论与技术
6. 钻探理论与技术
7. 资源地质勘探与开发
8. 碳捕集、利用与封存（CCUS）
9. 地热资源勘探开发与综合利用
10. 天然氢、氦、无水合物勘探开发
11. 关键矿产勘探开发与综合利用
12. 地下空间安全利用（储气库、储氢、储能等）
13. 智能感知与装备
14. 人工智能技术应用
15. 矿产资源经济评价与管理
16. 矿产资源产学研用一体化

【期刊支持】Geophysics、Journal of Energy Resources Technology (JERT)、Interpretation等期刊将为本次会议将设置特刊/专刊，优秀报告也可推荐至ENGINEERING等期刊。

## | 重要信息

征稿开始日期：本会议通知发布之日起 | 征稿截止日期：2026年10月31日  
会议日期：2026年12月4-6日 | 会议地点：中国·北京（具体会场待公布）

# 2026年深地资源探测与工程 国际会议

2026年12月4-6日 | 中国·北京



## | 特色环节

- ◆ **政策与战略解读圆桌论坛**，邀请政府、高校、企业、国际机构的专家，解读深地工程政策，研讨标准与规范制定。
- ◆ **深地领域青年科学家论坛和研究生学术海报竞赛**，面向35岁以下青年学者和博士生、硕士生开放独立征稿通道，设置优秀青年论文奖，邀请资深院士做职业发展指导，鼓励阶段性研究成果。

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