Egyptian Geophysical Society

Annual Conference 2026

AI-Driven Geophysics for a Sustainable and Resilient Future

Date: 12 May 2026

Host: National Research Institute of Astronomy and Geophysics (NRIAG) Cairo, Egypt

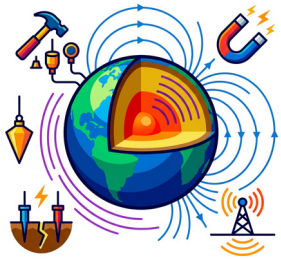
Website: https://egs-egypt.org/

For More Information: 01005850033 (whatsapp only)

The conference welcomes contributions across the full spectrum of geophysics, including theoretical, methodological, applied, and interdisciplinary research. Topics include, but are not limited to:

General & Core Geophysics

- Seismology, earthquake physics, and seismic hazard assessment
- Exploration geophysics (oil, gas, geothermal, minerals)
- Engineering and environmental geophysics
- Gravity, magnetic, electromagnetic and electrical methods
- Geodesy, crustal deformation and tectonics
- Marine and near-surface geophysics



Integrated & Applied Earth Systems

- Multi-disciplinary geoscience integration
- Geophysics for infrastructure resilience and urban sustainability
- Water resources, climate-related geophysics, and environmental monitoring
- Natural hazards risk reduction and disaster mitigation
- Energy transition (geothermal, CCS, hydrogen storage)

Computational & Data-Driven Geophysics

- AI/ML in seismic imaging, inversion and interpretation
- Automated event detection and monitoring systems
- Physics-informed and hybrid modeling approaches
- Data fusion: geophysical, remote sensing and borehole data
- High-performance computing, cloud and edge processing
- Big data analytics and digital transformation in geosciences
- Ethics, reproducibility, uncertainty quantification and explainable AI

Special / Thematic Session Proposals

We invite proposals for organized sessions and short courses (half-day or full-day). Each proposal must include:

- Session title and one-paragraph description (≤300 words)
- Conveners (name, affiliation, contact email) — up to 3 conveners
- Suggested keynote/lecturers (optional)
- Expected number of presentations

Session proposal deadline: 15 March 2026. Conveners will coordinate their session's abstract collection and session schedule.

Call for Abstracts

We invite original, unpublished work and high-quality applied case studies.

Abstract deadline: 1 April 2026 (midnight, Cairo time)

Abstract format: plain text or PDF, max 300–400 words, including: title, author list with affiliations, up to 5 keywords, concise objectives, methods, principal results, and one sentence on the impact/applicability. Indicate preferred presentation mode: **Oral / Poster.**

Submissions should be uploaded via the conference submission portal (XXXXX) or emailed to conference@egs-egypt.org

(please include subject line: "EGS2026 Abstract — [LastName]").

Notifications of acceptance will be sent by **mid-April 2026.**

Fast-Track Publication (peer-reviewed)

Selected full papers will be considered for fast-track peer review and publication in the EGS journal **"EKB Journal"**: https://jegs.journals.ekb.eg

Full paper submission deadline (fast track): **1 May 2026**

Expected publication: **July 2026**

Full papers should follow the journal template (https://jegs.journals.ekb.eg/contacts?_action=loginForm). As a guideline, prepare manuscripts of 4–10 pages including figures and references, with clearly stated methods, results, uncertainty discussion, and reproducibility notes (data/code availability statement where possible).

Submission & Presentation Guidelines (practical)

- **Abstracts:** 300–400 words, single paragraph summary + 3–5 keywords.
- **Oral presentations:** 12 minutes + 3 minutes Q&A (unless otherwise stated).
- **Poster size:** A0 (portrait) recommended.
- **Full papers:** PDF, single file; include figures inline and a concise methods section for reproducibility.

Authors must ensure ethical compliance for datasets (permissions for proprietary data, anonymization where needed).

Important dates

15 Mar 2026	**1 Apr 2026**	**Mid-Apr 2026**
Session proposals due	Abstract submission deadline	Acceptance notifications
1 May 2026	**12 May 2026**	**July 2026**
Full paper submission (fast track)	Conference date	Expected journal publication

Registration fee

150 EGP for members (inclusive of 50 annual membership)
50 EGP for students

Sponsorship & Exhibits

We welcome industry sponsorship, demonstrations of hardware/software, and exhibition booths. Sponsorship packages (Gold / Silver / Bronze) will be circulated separately; please contact the Organizing Committee for bespoke opportunities.