Environmental and Engineering Geophysical Society

FastTIMES

Call for Short Articles on

AI in Near-Surface Geophysics

FastTIMES, the near-surface geophysical magazine of the Environmental and Engineering Geophysical Society (EEGS), invites original article submissions for a December 2026 issue on AI/ML in near-surface geophysics.

No matter where you look, it seems like everyone is talking about Artificial Intelligence (AI), and how it can it be used to benefit scientific research. But how is it actually being used in near-surface geophysics? What are the challenges, benefits, and considerations when using these rapidly evolving tools? FastTIMES invites proposals for short magazine articles exploring this topic, such as:

- Case studies highlighting applications of AI;
- AI applications for data collection, processing, and management;
- Digital twins, decision-support tools, and workflow automation;
- AI integration into near-surface geophysics education;
- Benefits, limitations, and ethical considerations, including copyright and intellectual property;
- Impact of AI-generated work on scientific integrity, quality, and scientific literature; or
- Cyberinfrastructure needs (e.g., data networking or computing resources).

Share your experiences, successes, challenges, and lessons learned, as AI is increasingly integrated into the near-surface geophysics toolkit.

How to Submit:
To ensure your manuscript will align with the theme, email the Editor in Chief (Cian Dawson, cian@cbdawson.com) with a short summary of the proposed article for approval to submit a manuscript. Rebekah Lee will be a guest editor for the issue. Proposals will be reviewed by the editors *on a rolling basis until capacity is reached or October 2, 2026, whichever occurs first*. If approved, manuscripts of 2-4 pages are due October 30, 2026.

Note: FastTIMES publishes original articles reflecting the author's direct professional experience, discernment, and insights. Articles for the issue must be written by a human, not generated by AI tools.