



## CALL FOR ABSTRACTS

# *Recent Advances in Geophysical Reservoir Characterization and Monitoring of CO<sub>2</sub> Sequestration in Carbonate Reservoirs*

21–23 May 2024 • Abu Dhabi, UAE

Image Credit:  
Danilo Chamorro Riascos using ChatGPT

### OVERVIEW

Unleash the potential of geophysics to propel the global transition toward cleaner and more sustainable energy sources.

This workshop is designed to offer a state-of-the-art understanding of the most recent developments in geophysical techniques for the effective characterization and monitoring of CO<sub>2</sub> sequestration within carbonate formations. Furthermore, our workshop will delve into the latest innovations aimed at addressing the unique challenges that may arise in geophysical monitoring during carbon capture within carbonate reservoirs. Participants can anticipate engaging with the most up-to-date research findings, case studies, and projects related to geophysical reservoir characterization and CO<sub>2</sub> sequestration monitoring in carbonate formations. These insights will exemplify the practical applications of these innovative technologies.

### ABSTRACT TOPICS:

- Regulatory frameworks and MMVs
- Global storage capacity
- Land vs offshore
- 4D seismic and VSP
- Gravity and deformation monitoring techniques
- Well monitoring techniques
- Innovative monitoring tools
- Case studies and lesson learned / data integration and multidisciplinary approach
- Rock and fluid physics and feasibility analysis
- Induced seismicity and mitigation measures
- Acquisitions design and new emerging imaging innovations
- Cost benefit vs value assessment
- Risk assessment

## ABSTRACT FORMAT

Max 2 page abstract + 1 figure, single column

Abstracts should include sufficient details for the committee to judge the quality of the submitted work. Abstracts should be a minimum of 1 page, text plus 1 figure, with a maximum of 2 pages. Abstracts should be on 8.5 x 11 inch paper size, text in Roman font, and include both text and figures. Title should be one or two lines, at the top of the page, in bold font, and size 12 point. Authors should be listed in Roman italic font, size 10 point, and located just below the title. All text must stay 1 inch clear of the margins of the page. Submissions should be in Adobe Acrobat PDF format.

## PRINT IN BLACK INK OR TYPE

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**Each participant agrees to these regulations when application is accepted, as indicated by his or her signature on this form.**

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Please email abstract and call for abstracts form by **23 February 2024** to **Anneke de Klerk** at **aklerk@seg.org**.

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