

IUPAC2025

Kuala Lumpur Convention Centre, Malaysia



53rd IUPAC General Assembly (53GA)
12th - 16th July 2025

50th World Chemistry Congress (50WCC)
14th - 19th July 2025

EVALUATION OF ADVANCED TECHNOLOGIES FOR CARBON SEQUESTRATION, UTILISATION AND CAPTURE

Welcome to the symposium, *Evaluation of Advanced Technologies for Carbon Sequestration, Utilisation, and Capture*. This event provides a platform for researchers, industry leaders, and policymakers to share advancements and collaborate on reducing atmospheric CO₂.

The symposium focuses on two key themes. *Harmonising Carbon Sequestration Measurement* aims to standardise methodologies across terrestrial, aquatic, and atmospheric systems, ensuring comparability and best practices. *Advanced Technologies for Carbon Sequestration, Utilisation, and Capture* explores scalable, cost-effective innovations that enhance efficiency while meeting regulatory standards.

We invite researchers and industry experts to submit abstracts showcasing novel technologies and solutions for carbon management.

Keynote speaker:

Professor Dr Peng Wang

Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences, China

Invited speakers:

Dr Tsuneyuki Yamane

Toray Group, Japan

Dr Michelle Bailey

National Institute of Standards and Technology, USA



**Submit Your
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Chemistry for Sustainable Future