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Supporters:



**Convenors:**

**Alun Williams**  
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**Andrew Barnett**  
Shell

**Anna Matthews**  
BP

**Björn Seyfang**  
Equinor

**Ivan Fabuel-Perez**  
ExxonMobil

**Paul Wright**  
National Museum of  
Wales and Consultant

**Trevor Burchette**  
Royal Holloway,  
University of London  
and CRG Ltd

**Confirmed  
Keynotes:**

**Applied carbonate studies in a rapidly changing industry**

Trevor Burchette &  
Paul Wright

**Pre-salt reservoirs of Tupi Field**

Saulo Pedrinha, Petrobras

**Developing a geothermal carbonate reservoir, Alpine Foreland Basin**  
Daniel Bendias, SWM

**Multidisciplinary reservoir characterization, Kurdistan**

Claire Sena, DNO

**Mishrif Fm. reservoirs of Rumaila Field**

Anna Matthews, BP

**Open for registration**

# Development and Production Geology of Carbonate Reservoirs

11-12 May 2022

The Geological Society, Burlington House, Piccadilly London

*This conference is being planned as a hybrid event. In-person participation is highly appreciated, but virtual attendance will be possible*



Carbonate reservoirs constitute some of the most important sources of global oil and gas production. They form the world's largest oil and gas accumulations, the world's highest-producing fields, and have some of the longest production histories. Significant new carbonate discoveries continue to be made, and carbonates are also a source of geothermal energy or may be utilised for gas storage.

Successful development of supergiant carbonate reservoirs can result in plateau production that may last for decades, giving high ultimate recovery factors. But, carbonate reservoirs can also be some of the most complex in terms of reservoir quality and heterogeneity. Many give disappointing ultimate recovery factors and some are deemed uncommercial with current technologies. Fundamental geological understanding, sufficient and appropriate geological and dynamic data, and the construction of effective models are the keys to optimising the exploitation of such reservoirs.

This conference will focus on how lessons learned from more than a century of discovery, appraisal and development of carbonate reservoirs may be applied to emerging discoveries. It will bring together the experiences of diverse operators with an objective of highlighting best practices for the geological characterization of carbonate reservoirs from appraisal to production.

## Session themes:

- Carbonate oil & gas reservoirs in field development and production
- Carbonate reservoir modelling and integration of outcrop analogues
- Beyond oil and gas – carbonate reservoirs in the energy transition

## Field trips:

**9 - 10 May 2022 - Zechstein carbonates of the north-east of England**, led by Jo Garland, Cambridge Carbonates

**13 - 14 May 2022 - The Carboniferous platforms of Derbyshire**, led by Pete Gutteridge, Cambridge Carbonates

## For further information please contact:

Email: [conference@geolsoc.org.uk](mailto:conference@geolsoc.org.uk) or visit conference website

<https://www.geolsoc.org.uk/05-rescheduled-pg-carbonate-reservoirs-2022>



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