

## Andrew Horbury, PhD, FGS

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### Career Outline

**Employment:** **1993 – present: Cambridge Carbonates Ltd., UK:** Consultant geologist and director, working on proprietary and non-proprietary projects.

**1986 – 1992: BP Exploration, London, UK:** Sedimentologist.

- Core skills:**
- Geologist specialised in carbonate/evaporite systems
    - Broad production, development and exploration experience
    - Manipulation of dynamic and static data
    - Sequence stratigraphy from logs and seismic
    - Expertise in petrography, geochemistry and diagenesis
    - Karstic and tectonic fractured reservoir systems
    - Basin analysis and play fairway definition
    - Extensive experience of working with poor quality datasets
    - Integration of specialist work with petroleum geology
    - Project planning, budgeting, administration
    - Advice on operational issues and troubleshooting
    - Organising conferences, workshops and courses/fieldtrips

**Education:** **1983 – 1986:** Ph.D.: Sedimentology of the Urswick Limestone Formation in South Cumbria and North Lancashire (*University of Manchester*).

**1979 – 1982:** B.Sc. (Hons.) Geology, 2:1 (*Bristol University*).

### Professional Experience

**1993 – present: Geologist and Director, Cambridge Carbonates Ltd., UK.**

- Co-founder of the company with Peter Gutteridge
- Geographical focus on Mexico and northern Arabia (Iraq/Kurdistan, Syria, Jordan, etc.) - lead geologist responsible for multiclient work in this area
- Initiated CC's involvement in Porosity Image Analysis as a tool to bridge the gap between geological reservoir description and petrophysics
- Co-author of 'Arabian Plate Sequence Stratigraphy' (book, GeoArabia Special Publication no.2), 2001
- Co-author of the 'The Petroleum Geology of Iraq' (book, Scientific Press), 2010 .
- First author of 'Tectonic Sequence Stratigraphy of the Western Margin of the Gulf of Mexico in the Late Mesozoic and Cenozoic: Less Passive Than Previously Imagined', AAPG Memoir 79, 2003.

**1986 – 1992: BP Exploration, London, UK**

- Sedimentologist working primarily on projects in Iraq, Syria, Jordan, India and the Far East
- Experience of working on Permo-Triassic clastics and carbonates of Europe

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**Professional Affiliations**

Active member of:

- The Geological Society of London
- American Association of Petroleum Geologists

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**Other relevant skills**

Spanish, basic French

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**Current Interests**

At present primarily working on the 1<sup>st</sup> Mexican licensing round and the appraisal of the Antelope Field in Papua New Guinea, and various Kurdistan projects. Also on the improvement of Cambridge Carbonates database on Iraq (palaeogeographies, well data and multiclient reports), in order to support the increased level of interest in this area. See the multiclient page on website for more details of this work.