

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

Professional Affiliations

Active member of:

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

Other relevant skills

Spanish, basic French

Current Interests

At present primarily working on characterization of the West Qurna Field in addition to various Mexico projects.