

## Julie DEWIT, PhD

**Address:** Cambridge Carbonates Ltd., No. 4 The Courtyard, 707 Warwick Road, Solihull, B91 3DA. UK



**Contact number:** +44 7584 283 181 (cell)

**Email:** [julie@cambridgecarbonates.co.uk](mailto:julie@cambridgecarbonates.co.uk)

### Career Outline

- Employment:**
- 08/2015 – present: Cambridge Carbonates Ltd., UK.** Current position: Consultant geologist, working on proprietary and non-proprietary projects.
  - 01/2015 – 07/2015: KU Leuven, Belgium.** Position: Post-doctoral fellow and project coordinator of TraRAS JIP (Travertine Reservoir Analogue Study in collaboration with Total, Petrobras and BG).
  - 2013 – 2015: KU Leuven, Belgium.** Position: Post-doctoral fellow/subcontractor for Statoil for the Carbonate RDI group (Bergen, Norway) performing research into the interaction of carbonate and igneous rock within the frame of Statoil's South Atlantic reservoir strategy.

- Core skills:**
- Carbonate diagenesis and influence on reservoir properties
  - Carbonate sedimentology
  - Analysis of stable (carbon & oxygen) and strontium isotopes, fluid inclusion microthermometry, cathodoluminescence microscopy, geochemical (trace) element analysis
  - (Geo-)statistical analysis of large porosity and permeability datasets
  - Organising and leading field work
  - Project management skills

- Education:**
- 2008 – 2012:** Ph.D.: Genesis and reservoir properties of hydrothermal dolomites (HTD), Ramales Platform (northern Spain) (*KU Leuven*).
  - 2006 – 2007:** M.Sc. (Cum Laude) Environmental Sciences and Technologies (*KU Leuven*).
  - 2002 – 2006:** M.Sc. (Cum Laude) Geology (*KU Leuven*)

### Professional Experience

**2015 – present: Geologist, Cambridge Carbonates Ltd., UK.**

- Consultant geologist working on both proprietary and non-proprietary projects
  - **Sedimentology, sequence stratigraphy and reservoir characterisation projects:** Geological mapping of the Papuan Fold-and-Thrust Belt.
  - **Diagenetic studies:** Dolomitisation of Oligocene-Miocene carbonate reservoirs of the Papuan Fold-and-Thrust Belt.
  - **Multiclient reports:** Circum-Adriatic report.

**01/2015 – 07/2015: KU Leuven, Belgium.**

- Project coordinator of the TraRAS JIP (post-doc):
  - Team leader of the TraRAS group: facilitating internal meetings, planning research and field work
  - Petrography and geochemistry of travertines from Ballik (Turkey)
  - Spatial distribution of permeability and porosity of travertines from Tivoli (Italy)

**2013 – 2015: KU Leuven, Belgium.**

- Subcontractor for Statoil (post-doc):
  - Management and planning of the Carbonate-Igneous Interaction project
  - Classification of types and compilation of generic atlas of carbonate-igneous interaction based on extensive literature review
  - Leading of field work in Sicily, Morocco and Oman

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## Professional Affiliations

Active member of:

- International Association of Sedimentologists
- Geological Society of London
- Geological AAPG

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## Other relevant skills

- Experience as teaching assistant at KU Leuven: *carbonate petrography and sedimentology*
- Co-leader of a field course organised by Statoil: *northern Spain field course*
- Languages: Native French and Dutch speaker, basic knowledge of Spanish