

Benoit VINCENT, PhD

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Career Outline

Employment: **From April 2009: Cambridge Carbonates Ltd., UK.** Current position: Consultant geologist, working on proprietary and non-proprietary projects.

2008 – march 2009: Andra (French National Agency for Radioactive Waste Management), France. Position: Geologist, specialist of Sequence Stratigraphy and Diagenesis in the Underground Research Laboratory group.

2002 – 2008: IFP (French Petroleum Institute), France. Position: Carbonate sedimentology and diagenesis specialist working on research projects and applied contracts.

1998 – 2002: University of Burgundy, France. Position: ATER and ATV (teaching and research assistant)

Core skills: **Carbonate sedimentology and sequence stratigraphy and Carbonate Diagenesis expertise, strong background in siliciclastic sedimentology and background in siliciclastic diagenesis.**

Cathodoluminescence and stainings; SEM and EDS analysis; Trace elements and stable isotope analysis + Sr isotope data interpretations; Secondary Ion Microprobe; Basics of Fluid inclusions

Analysis of MICP and lab NMR datasets in carbonates.

Experience with structural analysis, and carbonate geochemistry.

Education: **1998 – 2001: Ph.D.:** Upper Jurassic (Oxfordian-Kimmeridgian) Shallow-Water Carbonates of Eastern France: Sedimentology, Sequence Stratigraphy, Diagenesis and Geochemistry (*University of Burgundy*).

1994 – 1997: Master of Geology, DSER (upper diploma of research; University of Burgundy and University of Grenoble)

Professional Experience

2008 – March 2009: Geologist, Andra, France

- Geologist in the FAVL project (research of a new underground repository site):
 - responsible for the bibliographic investigation program and the cartography program,
- Responsible for the sedimentology and sequence stratigraphy work in the Surface Exploration Project in the Underground Research Laboratory group:
 - data synthesis and interpretation (wireline logs, seismic lines, cored wells),
 - integration with hydrogeological and geochemical data.

2002 – 2008: Geologist, IFP, France

- Sedimentologist in the “Stratigraphy and Sedimentology” department:

- Research project in the Ordovician glacial siliciclastic deposits of Algeria (for GDF); *Sedimentology*,
 - Contract in the Ordovician glacial siliciclastic deposits of Algeria (for Repsol); *Diagenesis*,
 - Reappraisal of the Northern Algeria petroleum system (TellOffshore project, IFP-Sonatrach); *Sedimentology, Sequence Stratigraphy, and of Diagenesis*,
 - Research project in the Cretaceous carbonates in Iran (Middle East Cretaceous project, MEC); *Sedimentology, Sequence Stratigraphy (carbon isotope stratigraphy), and Diagenesis*,
 - Research project in the Tertiary carbonates in Iran (ASMARI IOR Joint Industrial Project); *Sedimentology, Sequence Stratigraphy (strontium isotope stratigraphy), and Diagenesis*,
 - In house Research project in the Mississippian carbonates in the USA; *Sedimentology, Sequence Stratigraphy, and Diagenesis (dolomitization) in relationship with fracturation*,
 - Expertise in carbonate petrography for the PICOR (CO₂ injection in natural carbonates) project; *Petrography and Petrophysic*,
 - Promoter of an in house Research project aiming to investigate the NMR signal of carbonates,
- Supervisor of 5 masters, and 2 PhDs,
 - Co-Responsible for an annual field excursion in Burgundy in the frame of the RGE cycle (Reservoir and Geosciences Engineering) of the IFP School,
 - Responsible for the microscopy laboratory (cathodoluminescence, fluid inclusions, fluorescence, standard microscopy) and the thin-sections factory (more than 1500 thin sections per year). Creation, development and maintenance of both labs.

1998 – 2002: University of Burgundy, France

- Teaching and Research assistant
 - Teachings in sedimentary petrology, diagenesis, sedimentology, sequence stratigraphy, cartography, geomorphology in both classes and the field (more than 400 official hours of teaching),
 - Supervisor of 5 masters, 5 licences.

Professional Affiliations

I am a member of:

- IAS
- EAGE
- ASF

Other relevant skills

Basics of Spanish from school and after numerous travels in Spanish speaking countries.