

**GRAINDORGE David (42 yo)**  
**Assistant professor at Université de Bretagne Occidentale (Brest)**

UMR 6538 Lab. Géosciences Océan, IUEM - UBO  
Technopôle Brest-Iroise, Place Nicolas Copernic  
F-29280 Plouzané FRANCE

Tél: 02 98 49 88 29 - Fax: 02 98 49 87 60  
Email: [david.graindorge@univ-brest.fr](mailto:david.graindorge@univ-brest.fr)

**SKILLS**

Marine Geology and Geophysics: processing, modeling and interpretation of wide-angle and multichannel seismic data. Crustal processes, tectonic and sedimentology. Evolution of continental margins. Sismotectonic hazards on active margins.

**EDUCATION**

**1998-2002: PhD Thesis** - Thèse de doctorat (Université Pierre et Marie Curie, UPMC) at the UMR Géosciences Azur (Nice): *Deep structures of the Cascadian and Equatorial active margins. Supervisors: P. Charvis, J. Y. Collot and G. Spence.*

**1996-97: Federal master's degree** in Lithosphere Geodynamic (UPMC, Grenoble, UNSA).

**1994-96: 4 and 3 years degrees in Geology** (MST: Maîtrise de Science et Technique): *Geology, hydrogeology, environment* (Geodynamic Institute, Bordeaux III).

**1992-94: "Superior Technician of the Sea"** in marine prospecting at the INTECHMER : National Institute of Sciences and Techniques of the Sea (Cherbourg).

**1991-92: High School Diploma:** mathematics, physics, chemistry, biology, philosophy (Flers, Normandy).

**PROFESSIONAL EXPERIENCES**

**Since 2005: Teacher-Researcher, assistant professor at Université de Bretagne Occidentale (Brest)**

**Year 2004: Lamont Doherty Earth Observatory** (Columbia University, New-York): Post-Doc

**Sept.-Dec. 1999: University of Victoria B.C.** (Canada): PhD

**Feb.-Aug. 1998: Facultad de Geologia (Barcelone):** ERASMUS training period

**Dec. 1997-Jan. 1998: CNRS** (UMR Géosciences Azur, Sophia-Antipolis): 2-month contract

**Jul.-Aug. 1996: BRGM** (Bureau des Recherches Géologiques et Minières, Bordeaux): Summer training period

**Jul.-Aug. 1995: SHOM** (Service Hydrographique et Océanographique de la Marine, Brest): Summer training period

**April-Aug. 1994: TOTAL** (Paris): Summer training period

**TEACHING AND SYNERGISTIC ACTIVITIES**

**Teaching activity:** 220 hours / year: geophysics (seismic methods), offshore engineering, data acquisition at sea, natural resources, field geology

**Pedagogic responsibilities:**

- Director of the Master "Marine and Coastal Sciences" at IUEM since 2016
- Director of the Master Geosciences Ocean (2008-2016)
- Member of the jury for recruitment of high school teachers in Geosciences (2008-2009)

**Research grants:**

- Franco Algerian SPIRAL (2009-2015): research program: UBO associate partner
- ANR SAGER (2005-2010) – Brest: UBO associate partner

**SCIENTIFIC CRUISES: DATA ACQUISITION AT SEA AND ON LAND (SINCE 2005)**

**MARGATS** (French Guyana and Suriname Margin): R/V L'Atalante (2016): MCS and wide angle seismic OBS deployment, chief scientist

**GEOTREF** (French Indies): R/V Antea (2015): High Resolution seismic, chief scientist

**DIONYSUS** (Calabrian subduction): R/V Meteor (2014), MCS and wide angle seismic OBS deployment

**ANTITHESIS** (French Indies): R/V Atalante (2013): MCS and wide angle seismic OBS deployment co-chief

**IGUANES** (French Guyana and Suriname Margin): R/V L'Atalante (2013): High Resolution seismic and corring

**CALIGOC** (Baja California, Mexico): on land tectonic data acquisition (2012)

**MIRROR** (Morocco) : on land deployment of land stations to record marine seismic (2010)

**HAITI-OBS** (Haiti): R/V L'Atalante (2010): OBS deployment

**SPIRAL** (Algeria): R/V L'Atalante (2009): MCS and wide angle seismic OBS deployment, chief scientist

**KASHALLOW** (French Indies): R/V Le Suroît (2009): High Resolution seismic

**NEAREST-SEIS** (Cadix Gulf): B/O Hesperides (2008): OBS deployment, Wide-angle seismic data

**MICROSYSTEMS:** R/V Marion Dufresne (2008): in charge of the University at Sea IUEM/UBO IPEV

**SUMATRA OBS** (Sumatra): R/V Marion Dufresne (2006): OBS deployment, Wide angle seismic data

**MARADJA 2** (Algeria): R/V Le Suroît (2005): High Resolution seismic and bathymetry

**SUMATRA AFTERSHOCKS** (Sumatra): R/V Marion Dufresne (2005): OBS deployment