

**Magali FOURNIER**  
HYDROGEOLOGIST  
Born in 1977  
Driving Licence



#### CONTACTS :

64 Cheesman Avenue,  
Saint Augustine  
Trinidad,  
West Indies  
Phone: +1 (868) 369 1414  
E-mail: [mag@volcanoloco.com](mailto:mag@volcanoloco.com)

## WORK EXPERIENCE

- July 05 - Sep 07:** Research assistant at the University of the West Indies (Chem. Eng. Dep), TRINIDAD  
Activities: research and teaching, hydrogeology and geoelectrics.
- Nov 01 - May 04:** Hydrogeologist for the British Geological Survey, Wallingford, ENGLAND  
Area Leader for the Baseline Study of the Devonian Sandstone aquifer in Wales. Nationwide project linked with the 1991 EC groundwater directive.  
Other projects: water sampling and interpretation, geophysical logging, groundwater resources assessment for private and industrial supplies using GIS and ORACLE databases, hydrogeological core logging, standard aquifer test design and interpretation.
- Jul 99 -Aug 99 :** Geothermal fluids sampling in south Peru, cerca Ubinas and Ticsani volcanoes, PERU  
Collaboration with: IGP (Instituto Geofisico del Peru), IRD (Institut de la Recherche pour le Développement, France), IGF (Istituto di Geochimica dei Fluidi, Italy).  
Dissolved gas, warm and hot spring sampling, fumaroles sampling (soda and ammonia-filled Giggenback bottles).
- Aug 98 :** Fieldwork and mapping thrust environment, Isparta, TURKEY.

## EDUCATION

- 2005-Present :** MPhil in Petroleum Geosciences, the University of the West Indies (Trinidad)  
« *Potential storage of water in an active crater, Soufriere St. Vincent (WI)* »
- 2000-2001 :** MSc in Hydrogeology, University College of London (UK)  
*Research project: Fluoride occurrence in Bhandara District, Maharashtra INDIA*
- 1999-00 : Licence de Sciences Physiques, Clermont-Ferrand II. (eq. BSc Physics and Chemistry)
- 1998-99 : Maîtrise de Sciences de la Terre, Clermont-Ferrand II. (eq. Hon. Earth Sciences)
- 1995-98 : Licence de Sciences de la Terre, mention AB, Orsay, Paris XI. (eq. BSc Earth Sciences)
- 1994-95 : Baccalauréat série S, mention AB, Lycée J-B Corot, Savigny-sur-Orge. (eq. A. Level)

### Skills

Modelling : MIKE URBAN/DHI (water distribution)  
PRMS /USGS(precipitation-runoff)  
RES2DINV /GEOTOMO(resistivity inversion)  
MODFLOW /USGS(flowpath modelling)

GIS : ArcGIS9.1 / ESRI

Geophysic:Resistivity imaging (ABEM)

Reporting :MS Office,  
PhotoShop,  
PowerPoint  
OpenOffice.

### Misc

Languages : English (fluent, TOEFL test),  
French (mother tongue),  
Spanish (read and spoken),  
German (notions).

Code : PERL,  
HTML

Multimedia : Macromedia  
Flash/Dreamweaver

Leisure : collages, photo montage, drawing.

Links : <http://www.volcanea.org/>  
<http://www.volcanoloco.com/>