

BASTIEN POUX

Project Geologist, EGS Inc.

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SUMMARY

Mr. Poux holds a M.S., in Geology from the LaSalle Beauvais Polytechnic Institute in France. During the course of his studies, Mr. Poux acquired theoretical and practical knowledge in Geology and gained valuable work experience with several field assignments. Specifically, Bastien conducted a volcanologic and structural research study for the safety of local inhabitants on Mount Etna (Sicilia, Italy). Mr. Poux has over 5 years of experience in geothermal exploration and project development evaluations in the western United States, Turkey, and Caribbean.

WORK HISTORY

EGS, Inc.	2009-current	Project Geologist
LaSalle Beauvais	2009	Instructor
BRGM	2007	Geologist

Selected Projects:

- Project Geologist – EGS, Inc.
 - Geothermal evaluation of Oski Energy prospects in the western United States; geologic, geophysical, geochemical and geothermic review, drilling site selection and drilling follow up, well testing, mud-logging
 - Exploration data review and interpretation for US Navy GPO projects in Nevada and California
 - Geothermal project development consulting for BM Holdings, Turkey
 - Well site geologist for geothermal wells in California (Wendel and The Geysers field)
 - 3D geologic and thermal model development using ArcGIS, Rockworks 15, Long Valley Caldera, CA, Cove Fort, UT, The Geysers, Imperial Valley CA, Rye Patch, Blue Mountain, NV
 - Store Heat Calculation with Monte Carlo Simulation for several projects (US and International)
 - Geothermal evaluation of Montserrat, Caribbean, including geological, structural and geophysical studies
 - Direct use potential estimate and well site selection for Roman Spa and Solage, Calistoga, CA
 - Complete 3D modeling of Bottle Rock well field, The Geysers, with temperature, production intervals and well completion for reservoir management
- GIS and Geological Mapping instructor – LaSalle Beauvais, France. Prepared and gave lessons on the use of GIS software and its applications to environmental studies, and initiation to geological mapping and structural analysis.
- Geologist – BRGM, France. Creation of a database about quarries in France, and water-table piezometric level monitoring

EDUCATION

National Geothermal Academy 2011, University of Reno, module on Geothermal Exploration and Business Principles

GRC 2010, Geothermal Reservoir Evaluation, Pre-meeting Workshop, 22-23 October, Sacramento, USA

M.S. (2009), Geology, LaSalle Beauvais Polytechnic Institute, France

B.S. (2007), Geology, LaSalle Beauvais Polytechnic Institute, France

TECHNICAL PUBLICATIONS

Poux, B., Serrano, V., Brophy, P. (2012) Direct Use of Geothermal Water at the Solage Calistoga Resort, Napa County, California. *Geothermal Resource Council Transactions*, 36, 9p.

Poux, B., Brophy, P. (2012) Geothermal Exploration on the island of Montserrat, Caribbean. *Geothermal Resource Council Transactions*, 36, 13p.

Poux, B., Suemnicht, G. (2012) Use of GIS Geoprocessing to select the most favorable sites for Geothermal Exploration in Oregon. *Geothermal Resource Council Transactions* 37, 8p.

Brophy, P., M. Lippmann, P. Dobson, and B. Poux (Eds.), (2010), The Geysers Geothermal Field, Update 1990 – 2010, *Geothermal Resources Council, Special Report No. 20*, 237 p.

Poux B. (2009) Geothermal prospection methodology: recognition, exploration and characterization of the reservoir, *Geology Master thesis, LaSalle Beauvais Library, n°369*, 83p.

Poux B., Kostecki, J. (2007) East Flank sliding of Mount Etna (Sicilia, Italy) and its relation to the N140° faulting zone of Santa Tecla: neotectonics and analogical approaches. *Geology thesis, LaSalle Beauvais Library, n°395*, 99p.

PERSONAL INFORMATION

Citizenship – French (US Visa)

Languages – French (Native); fluent English; basic Spanish and Bahasa Indonesian

Countries Worked In – France, Italy, USA, Caribbean