

Adrien HAXAIRE

28 years old

19, Chemin des prés devant - Verpelière
88520 Ban de Laveline – France
adrien.haxaire@gmail.com
+336 25 45 43 46



Currently Associate Professor, looking for a Post-Doc in Geomechanics

Experience

- 2007 – 2009: Associate Professor** at INSA Lyon, LGCIE, Civil Engineering Department, France
Teaching: Mechanics of Continuous Media, Geotechnics (courses and practice)
Supervising: 3 Master Science Degree Research projects
- 2004 – 2008: PhD in Civil Engineering: *Etude du comportement couplé THMC des argiles profondes***
(Study of the coupled thermo-hydro-mechanical and chemical behaviour of deep argillaceous rocks)
INSA Lyon, LGCIE, MEGA Doctorate School, France
Dir: Pr. Irini Djeran-Maigre

Education

- 2003 – 2004: Master Science** in Solids Mechanics
Institut National Polytechnique de Lorraine & Université UHP Nancy I, France
Internship : *Introduction de gradients dans la Mécanique des Milieux Continus*
Dir: Pr. C. Cunat, Dr. M. Haboussi

Publications & Communications

- Publications:** *Influence of a dissolution on the mechanical behaviour of saturated deep argillaceous rock*
A. Haxaire, I. Djeran-Maigre: Engineering Geology (submitted)
- Etude du comportement couplé THMC des argiles raidés*
A.Haxaire, I. Djeran-Maigre, A. Millard: Mécanique & Industries 8, (2007) 235-239
- Congress:** *Couplings of THMC phenomena in deep argillaceous rock of a radioactive waste repository*
A. Haxaire, I. Djeran-Maigre: Clays in natural & engineered barriers for radioactive waste confinement
Lille, September 17-20 2007, France. (Oral presentation & Proceedings)

Skills

- Academic:** Thermodynamics, chemical reactions in unsaturated porous media, thermo-hydro-mechanical and chemical couplings, plasticity and damage mechanics, modelling, numerical methods
- Experiments:** Triaxial tests, common geotechnical characterization tests
- Computation:** Cast3M (FEM object language, based on Fortran), Matlab, Abaqus (basics), Java (basics)
- OS & Soft.:** Windows, Linux, LaTeX, MS Office, OpenOffice, AutoCAD
- Languages:** French: mother tongue
English: read, spoken, written - fluent
German, Portuguese, Polish: average level
- Team:** Good communication skills, adaptability, polyvalent, independent, curious, supervising capacities

Occupations

- Social:** Member of the Laboratory Council for 4 years, member of the French Mechanics Association, President of a 400 students association for 4 years (www.astrose.uhp-nancy.fr/ose/)
- Hobbies:** Litterature, geography (cultures and languages), music, grapes harvesting, IT