Philippe COSENZA

French nationality
Date of birth : 24-06-1967
Place of birth : Asnières (France)

Groupement pour l'étude des Structures Souterraines de Stockage (G.3S)
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POSITION

Research engineer at G.3S

Lecturer at Département de Géophysique Appliquée, P. et M. Curie University (Paris VI), France.

EDUCATION

Ph. D Thesis at G.3S **9/92-11/96**

M. S. in Solid Mechanics at P. et M. Curie University (Paris VI), **6/92**

5 years engineering program in Geotechnical Engineering and Applied Geophysics at Institute of Science and Technology (P. et M. Curie University), **86-91.**

RELEVANT EXPERIENCE

- Research :
- Laboratory experiments : Rocksalt damage and failure under wet conditions (triaxial tests carried out on unjacketed samples),
- Design and interpretation of a permeability field test at the Potash Mines (Mulhouse, France);
- Analytical and numerical modeling of mechanical and transfer phenomena (heat, fluid flow and mass) : implementation of Fortran programs solving transport equations;

- Teaching : Rock and Soil Mechanics, Applied Geophysics (gravity; magnetism and electrical surveys) in Engineering Department of P. et M. Curie University (Paris VI); Assist students in job trainings in French or foreigner companies.

- Other : Management of contracts with European Union (*Project on Effects of Gas in Underground Storage for radioactive waste*; PEGASUS Project and *Project on Undrained excavation of the connecting gallery in the Boom Clay formation*; CLIPEX Project) and French National Agency in Waste Disposal (ANDRA).

OTHER EXPERIENCE

- French Petroleum Institute 1991 : *Geotechnical engineer* in Geosis Project (Extrapolation of geotechnical data around a borehole from seismic information)

- Soletanche/SIF Bachy 1990 : *Geotechnical engineer* in Gennevilliers Bridge working site

- Paris Prison 1989 : *Computer science instructor* to prisoners