

POLYANTHI TRIMI	
Residence	Volos, Greece
Date of birth	11/05/1990
TCG (TEE) ID number	142551
Telephone number	+30 6997049092
E-mail address	polyatri@gmail.com



EDUCATION

Phd in fluid mechanics (flow through porous media)

University of Thessaly

2019-Now

- Study of the oil flow through porous media in 2 and 3 space dimensions using the Lattice Boltzmann method
- Comparison of the results with simulator already used in oil industry

Phd Thesis: "Simulation of the fluid flow in porous media using the Lattice Boltzmann method"

M.sc. in Petroleum Engineering

Technical University of Crete

2015-2017

GPA: 6.65/10

- Work in teams in a multicultural and demanding environment
- Extended my knowledge in reservoir engineering (IOR and EOR methods), drilling engineering (cementing of the wells and kick dealing), downstream processes (separation processes) and transportation of oil
- Trained in fluid phase behavior programs, reservoir simulation programs and production design programs by personnel working in industry
- Learnt how to treat fluids such as heavy oils, black oils, volatile oils, gas condensates and dry gases so as to achieve accurate phase behavior and reservoir simulation predictions

Master Thesis: "The effect of the reservoir fluid behavior treatment on the reservoir simulation predictions output"

Diploma (5-year program) in Mining and Metallurgical Engineering

National Technical University of Athens

2008-2015

GPA: 6.76/10

- Gained the principles of reservoir and drilling engineering (vertical and deviated well design)
- Obtained knowledge about the different mining (using mechanical equipment or explosives) and mine exploitation methods (underground and open pit mines) and mineral processing (separation methods and processing plant design)
- Basic knowledge regarding metallurgical processes, extraction methods and phase diagrams of iron and steel
- Trained with respect to the environmental and safety regulations that are imposed on mining operations
- Proposed initiative solutions about the recycling of a fine grained material

Diploma thesis: "Investigation of the pelletization parameters of a fine grained material"

WORKING EXPERIENCE

Antoniou Group of Companies

February- June 2019

- Quality control of the final products to ensure that meet the production standards
- Research for new products in energy

Grecian Magnesite SA (Internship)

July 2012- August 2012

- Manual sampling of ore by the separation sorter output line
- Use of a representative sample so as to determine the separation efficiency (purity of the product) of the camera and magnetic sorters as well as their sieving efficiency
- Determination of the kiln feed characteristics (ore purity and size)

LANGUAGES

- Greek: native speaker
- English: advanced working fluency
- French: working proficiency

IT SKILLS

- Great knowledge of office and browser programs in Microsoft and Ubuntu environment
- Great knowledge of CMG's suite phase behavior prediction and reservoir simulation programs
- Knowledge of Eclipse reservoir simulation program provided by Schlumberger
- Knowledge of the IPM suite production design programs provided by Petroleum Experts

EXTRA CURRICULUM

- Participation with the KerogenZ team to the local university engineering competition (EBEC) which was organized by BEST in Chania and gained the first position in the case study
- Attendance of a first aid provision seminar carried out by the hellenic rescue team

DRIVING LICENSE

- European driving license of B category vehicles