

Academic Background



Pegah Soleimani Dinani



pegah.soleimanidinani@uniroma1.it



www.linkedin.com/in/pegahsoleimanidinani



+39 347 781 0859

Research Interests

- Carbon Capture and Storage (CCS)
- Energy Storage
- Hydrogen Storage
- Environmental Studies
- Geoscience
- Fault leakage
- Geochemical reaction
- Earth science

Technical Skills

- Eclipse (E300, E100)
- Petrel
- Python
- Rubis (KAPPA)

PhD Candidate

Present

Sapienza University of Rome

Geological Storage of Carbon Dioxide

Supervisor: Prof. Sabina Bigi

Thesis: “Carbon Capture Storage in Lorestan area of Iran. Numerical and experimental analysis”

2nd Level Master

2019-2020

Sapienza University of Rome – Zagreb University
Enabling Onshore CO₂ Storage in Europe (ENOS Project)

Geological Storage of Carbon Dioxide

Graduation Date: Nov 02, 2020

Supervisor: Prof. Anton Shchipanov NORCE (Norwegian Research Center)

Thesis: “Simulation of Fluid Flow in a Shallow Reservoir with Faults and Fractures on the base of Sulcis Fault Lab Data” (Final score 110/110)

- Simulation of CO₂ injection in Sulcis Fault lab.
 - Evaluation of pressure response to fault leakage.
-

M.Sc.

2014-2016

Shahrood University of Technology – Mining and exploration
Department

Petroleum engineering (Exploration specialization)

Graduation Date: June 21, 2016

Supervisors: Prof. B. Tokhmechi & Prof. S. A. Moallemi

Thesis: “Ranking of Anticlines in order to storage of Carbon Dioxide (CO₂) in The West of Iran”

- Investigating CO₂ Emission Effects on Climate Change.
 - Determining Suitable Candidate for Storing Carbon Dioxide (CO₂).
-

B.Sc.

2010-2014

Amirkabir University of Technology, Petroleum Engineering
Department

Petroleum Engineering

Graduation Date: September 21, 2014

Supervisor: Prof. M. Ghavidel.

Thesis: “Investigating palynomorphs compounds based on their components”.

Work Experience

Language Skills

- English (Fluent)
- German (Basic)
- Italian (Basic)

Business Development specialist **October 2019 – Jan 2020**

Abdal industrial project management Co (MAPSA)

Project Planning Manager **Feb 2019 – August 2019**

Texoped Parsian Kish (PEDEM Parsian Kish Holding)

Lab scientist **October 2016- Jan 2019**

Kimia Shangarf pars (KSP)

Conference papers

“Introducing Algorithm for Depleted Reservoir Ranking in order to Underground Gas Storage”, P. Soleimani, B. Tokhmechi, S. A. Moallemi. The Third International Conference on Oil, Gas, Refining and Petrochemical with focus Relationship between Government, university and Industry, Tehran, Iran, 2016.

“Introducing Scientific Approach to Identify suitable Anticlines in order to Carbon Dioxide (CO₂) Storage”, p. Soleimani, B. Tokhmechi, S. A. Moallemi, The Third International Conference on Oil, Gas, Refining and Petrochemical with focus Relationship between Government, university and Industry, Tehran, Iran, 2016.

References

Prof. Sabina Bigi, Associate Professor, Sapienza University of Rome

Phone: (+39) 064991 4922

Email: sabina.biggi@uniroma1.it

Prof. A. Shchipanov, Senior researcher, NORCE

Phone: (+47) 51 87 51 50

Email: ansh@norceresearch.no

Prof. B. Tokhmechi, Associate Professor, University of Tehran

Phone: (+98)9121873476, (+98)21-77554446

Email: tokhmechi@ut.ac.ir - behzadtokhmechi@yahoo.com

Prof. S. A. Moallemi, Assistant Professor, Exploration Deputy Director, NIOC Exploration

Phone: (+98)9121931491

Email: moallemisa@gmail.com