

Welcome to KFUPM

Dr. Zeeshan Tariq

Assistant Professor

Department of Petroleum Engineering

Affiliated with Center for Integrative Petroleum Research



Education:

Ph.D. in Petroleum Engineering
from King Fahd University of
Petroleum & Minerals, Saudi Arabia;
2020

Previous Institution:

King Abdullah University of
Science & Technology, KSA;
Research Scientist;
2022-2026

Research Profile (SCOPUS):

Total Citations: **4,175**

Total Journal Publications: **94**

H-index: **35**

Professional Interests:

Numerical Reservoir Simulation, Geological
Carbon Storage, Reservoir Geomechanics,
Hydraulic Fracturing and Matrix Stimulation

About Dr. Tariq:

Dr. Tariq is accomplished researcher specializing in subsurface modeling, artificial intelligence, & numerical simulation, with significant contributions to CO₂ storage, geothermal energy, and underground hydrogen storage. He has collaborated with leading industry and academic partners, including Saudi Aramco, Edith Cowan University, & KFUPM, and has led interdisciplinary research integrating AI with physics-based simulations. He is a Co-Investigator on an RDIA Technology Development Grant on Underground Hydrogen Storage supporting Saudi Arabia's net-zero goals.