



**Dr. Faycal DJEBBAS**

**Instructor**

Reservoir Simulation Engineer with 16 years of experience in dynamic reservoir characterization, numerical modeling, and simulation. Proficient in constructing, calibrating, and validating black-oil and compositional models using Halliburton-Landmark Nexus and SLB Eclipse & Petrel RE. Skilled in history matching, sensitivity analysis, production forecasting, and full-field development planning, with a strong focus on optimizing reservoir performance, enhancing recovery factors, and supporting integrated reservoir management strategies.

Strong background in PVT analysis and EOS modeling (PVTsim), well test interpretation (KAPPA), and production system modeling (Petex IPM suite – Prosper, GAP, MBAL). Proficient in petrophysical analysis using Interactive Petrophysics (IP) with hands-on experience applying machine learning techniques for reliable porosity and permeability prediction. Recognized for collaborative work with geoscientists and production engineers to drive optimal reservoir management and the right decision-making.