

Tayeb Ayatollahy Tafti

PhD Student in Petroleum Engineering



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Tayeb Ayatollahy Tafti is a doctoral student in Petroleum Engineering working under Dr. Fred Aminzadeh at University of Southern California. Completed Master of Science in offshore engineering and earned Bachelor of Science degrees in both petroleum and civil engineering at Sharif University of Technology, which is the highest ranking technology university in Iran. He achieved many student awards during his academic career. Here at USC, his research is integrating petroleum engineering knowledge with geophysical science as well as leveraging opportunities form oil industry to geothermal one. He currently working on DOE funded project with the title of characterizing fractures in The Geysers geothermal field by micro-seismic data using soft computing, fractal and shear wave anisotropy. Reservoir characterization and simulation, exploration seismology and seismic attribute analysis for developing energy resources and to find new prospect of reservoir is his level of expertise.