

Prof. FEVZİ GÜMRAH

Personal Information

Email: fevzi@metu.edu.tr

Web: <https://avesis.metu.edu.tr/fevzi>

Advising Theses

- GÜMRAH F., Modeling the effects of variable coal properties on methane production during enhanced coalbed methane recovery, Postgraduate, H.Onur(Student), 2008
- GÜMRAH F., Modeling of enhanced coalbed methane recovery from Amasra coalbed in Zonguldak coal basin, Doctorate, Ç.Sınayuç(Student), 2007
- GÜMRAH F., Simulating oil recovery during CO₂ sequestration into a mature oil reservoir, Postgraduate, Y.Ziya(Student), 2006
- GÜMRAH F., Assessment of diffusive and convective mechanisms during carbon dioxide sequestration into deep saline aquifers, Postgraduate, E.Özgür(Student), 2006
- GÜMRAH F., Modeling of carbon dioxide sequestration in a deep saline aquifer, Postgraduate, B.Başbuğ(Student), 2005
- GÜMRAH F., Simulating CO₂ sequestration in a depleted gas reservoir, Postgraduate, Ö.İsmet(Student), 2005
- GÜMRAH F., Design and economical evaluation of sucker rod and electrical submersible pumps : oil wells in a field, Turkey, Postgraduate, S.Ezgi(Student), 2004
- GÜMRAH F., Uncertainty assessment in reserve estimation of a naturally fractured reservoir, Postgraduate, Ö.Eriçok(Student), 2004
- GÜMRAH F., Analysis of well production decline data for production forecasting by: artificial neural networks, autoregressive integrated moving average and decline curve analysis., Postgraduate, D.Katircioğlu(Student), 2002
- GÜMRAH F., Prediction of the phase behavior of a gas-condensate system : computer modeling study, Postgraduate, Ç.Sınayuç(Student), 2001
- GÜMRAH F., Wellbore modeling for predicting the flowing behavior of gas condensate during production, Postgraduate, D.Adagülü(Student), 2001
- GÜMRAH F., Developing a versatile artificial neural network model for estimating reservoir permeability in three, Postgraduate, G.Burç(Student), 2000
- GÜMRAH F., The use of genetic algorithms as an optimization tool to predict permeability in formation damage/improvement modeling, Postgraduate, D.Erbaş(Student), 2000
- GÜMRAH F., Mixing of inert (Nitrogen) cushion gas with natural gas in underground gas storage reservoir: A numerical simulation study, Postgraduate, N.Kılınçer(Student), 1999
- GÜMRAH F., Genetic algorithm for the optimization of a gas storage field converted from a depleted gas reservoir, Postgraduate, B.Güyagüler(Student), 1998
- GÜMRAH F., Strategic planning and feasibility study on underground gas storage for Ankara, Postgraduate, E.Özsavaşçı(Student), 1998
- GÜMRAH F., Modelling of ground water contamination (an oil field application), Postgraduate, B.Öz(Student), 1997
- GÜMRAH F., Applicability of geostatistical and fractal techniques for characterizing and deriving reservoir grid-block values for numerical simulation, Postgraduate, B.Yeten(Student), 1997
- GÜMRAH F., Natural gas storage design optimization and modelling of transportation systems, Postgraduate, C.Hakan(Student), 1996
- GÜMRAH F., Performance prediction of gas storage in salt caverns, Postgraduate, M.Yapıcı(Student), 1990
- GÜMRAH F., The effect of hot water and solvent injection on the recovery of garzan crude oil, Postgraduate, A.Ercan(Student), 1989

Articles Published in Other Journals

- I. **Modeling of enhanced coalbed methane recovery in a coalbed at Zonguldak Basin**
SINAYUÇ Ç., Gümrah F.
Turkish Journal of Oil and Gas, vol.12, no.1, pp.33-41, 2006 (Scopus)
- II. **CO2 sequestration in saline aquifers: Analytical modeling study Tuzlu su akiferlerinde CO2 depolanmasının analitik modellemesi**
Bülbül S., GÜMRAH F., Dirik I., Altıntaş A.
Turkish Journal of Oil and Gas, vol.11, no.2, pp.16-30, 2005 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Analytical modelling of CO2 sequestration in saline aquifers**
Dirik I., Altıntaş A., Bulbul S., GÜMRAH F.
5th Canadian International Petroleum Conference 2004, CIPC 2004, Calgary, United States Of America, 8 - 10 June 2004
- II. **Predicting the critical properties of heptanes-plus in gas condensates: Genetic algorithms as an optimization tool**
SINAYUÇ Ç., Gumrah F.
5th Canadian International Petroleum Conference 2004, CIPC 2004, Calgary, United States Of America, 8 - 10 June 2004

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H-Index (Scopus): 2