

دکتر خالد معروفی

استادیار

دانشکده: مهندسی نفت و گاز



## Dr. Khaled Maroufi

### Assistant Professor of Petroleum Engineering

- Assistant Professor at Sahand University of Technology (SUT), Faculty of Petroleum and Natural Gas Engineering (2021-now).
- Senior Geochemist, Tehran Energy Consultants Company (2020-2021).
- Well-site Geologist Supervisor at the South-Azadegan oilfield, Tehran Energy Consultants Company (2016-2018).
- Well-site Geologist at the South Pars Gas Field, Dana Energy Group (2013-2016).
- Mud Logger and Data Engineer at onshore and offshore rigs along with geological job, Geo-Data Company (2010-2013).

### Education

#### Current

#### Assistant Professor of Sahand University of Technology (SUT)

- Ph.D: Faculty of Geosciences, Shahid Chamran University, Ahwaz, Iran (Petroleum Geology) (2012-2017)
- Ms.c: Faculty of Geosciences, Shahid Chamran University, Ahwaz, Iran (Petroleum Geology) (2009-2011)
- BSc Degree: Faculty of Sciences, Tabriz University, Tabriz, Iran (Geology) (2005-2009)

### Technical Skills

- Reservoir Geochemistry
- Petroleum System Modeling
- Source rock characterization
- Artificial Intelligence Techniques
- Reservoir Characterization
- Sequence Stratigraphy

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### سوابق تحصیلی

مقطع تحصیلی	سال اخذ مدرک	رشته و گرایش تحصیلی	دانشگاه
کارشناسی	۱۳۸۸	زمین شناسی	دانشگاه تبریز
کارشناسی ارشد	۱۳۹۰	زمین شناسی نفت	دانشگاه شهید چمران اهواز
دکتری	۱۳۹۶	زمین شناسی نفت	دانشگاه شهید چمران اهواز

### اطلاعات استخدامی

محل خدمت	عنوان سمت	نوع استخدام	نوع همکاری	پایه
تبریز	معاون دانشکده مهندسی نفت و گاز دانشگاه صنعتی سهند	رسمی قطعی	تمام وقت	

### سوابق اجرایی

- معاون دانشکده مهندسی نفت و گاز دانشگاه صنعتی سهند (1402 تاکنون)
- استادیار دانشکده مهندسی نفت و گاز دانشگاه صنعتی سهند (1400 تاکنون)
- سرپرست بخش ژئوشیمی و عملیات زمین‌شناسی در شرکت مشاوران انرژی تهران (1399-1400)
- ناظر زمین‌شناس دکل در شرکت مشاوران انرژی تهران (1395-1397)
- ناظر زمین‌شناس دکل در شرکت مشاوران انرژی تهران (1395-1397)
- Mud LoggerData Engineer و در شرکت پارس ژئودیتا (1389-1392)

### زمینه های تدریس

- ژئوشیمی مخزن
- مدل سازی سیستم نفتی
- سرشت‌نمایی سنگ منشاء
- تکنیک‌های هوش مصنوعی
- سرشت‌نمایی مخزن
- چین‌نگاری سکانسی

1. Mohammadi, E., Maroufi, K., Bavi Oveidi, A.R. and Kiani Shahvan. Practical Stratigraphy, Paleontology and Sedimentology Evidences in the Field Study of the Pabdeh Formation (Paleocene – Oligocene), Zagros, SW Iran. 8th Symposium of Sedimentological Society of Iran, University of Hormozgan. ۲۰۲۳
2. Mahmoudi, A. and Maroufi, K. Performance Evaluation of Practical Clay Indicator Method in Estimating Total Organic Carbon. ۲۶th Symposium of Geological Society of Iran, Urmia University. ۲۰۲۳
3. Maroufi, K., Alizadeh, B., Vosoughi, A., Heidarifard, M.H. and Hoseini, S.H. Mineral Matrix Effect on Hydrocarbon Adsorption Using Artificial Neural Network Results. National conference of utilization of geosciences in fundamental researches, Azad University of Tehran Shomal. ۲۰۱۱
4. Maroufi, K., Alizadeh, B. and Heidarifard, M.H. Evaluation of Artificial Neural Network and LogR Methods in Calculating Total Organic Carbon of Source Rocks. ۵th Conference of Proficiency Geology, Payam Nour University of Abhar. ۲۰۱۱
5. Vosoughi, A., Alizadeh, B., Maroufi, K., Heidarifard, M.H. and Hoseini, S.H. Effect of Maturity and Matrix Type on the Intensity of Hydrocarbon Adsorption by Mineral Matrix in Pabdeh and Kazhdomi Formations of Ahwaz and Marun Oil Fields. National conference of utilization of geosciences in fundamental researches, Azad University of Tehran Shomal. ۲۰۱۱
6. Maroufi, K., Heidarifard, M.H., Azizi and F., Khani, B. Evaluation of Hydrocarbon Potential of Pabdeh Formation in Marun Oilfield using Rock-Eval ۶. ۱st national conference of new technologies in oil and gas industries, Azad University of Omidiyeh. ۲۰۱۰

1. Fatemeh Taghizadeh Khaled Maroufi Reza Falahat Ali Opera. Geochemical evaluation of hydrocarbon source rocks in the Chilingar oilfield along with measuring matrix effect, inert organic material and composition of the active kerogen. *Advanced Applied Geology (Adv. Appl. Geol.)*, December ۲۰۲۳
2. Khaled Maroufi Iman Zahmatkesh, Accurate Estimation of Residual Hydrocarbon Potential by Removing the Adverse Effects of Lithological Variations on the Training Process of Adaptive Neuro-Fuzzy Inference System, *Adv. Appl. Geol.*, Spring 2023
3. Bahram Alizadeh , Khaled Maroufi , Mahdi Fajrak, Oil-oil correlation, geochemical characteristics, and origin of hydrocarbons from Mansourabad oilfield, SW Iran, *Journal of African Earth Sciences*, November 2018
4. Bahram Alizadeh Khaled Maroufi Sahand Mohamad Hossein Heidarifard, Validation and comparison of artificial neural network (ANN) and LogR techniques in evaluating organic matter content of source rocks: Case study from Pabdeh Formation, Marun oilfield, *Journal of Stratigraphy and Sedimentology Researches*, November 2012
5. Bahram Alizadeh, Khaled Maaroufi, Mohammad Hosein Heidarifard, Evaluation of Organic Matter Content Achieved from Artificial Neural Network in a Sequence Stratigraphic Framework: A Case Study from Pabdeh Formation of Marun Oilfield, *Advanced Applied Geology*, march 2013
6. Mostafa Kabolizadeh , Razieh Karimian , Kazem Rangzan , Bahram Alizadeh , Khaled Maroufi, Development of a geodatabase for retrieval of geochemical data from oil wells: A case study from the Gachsaran oilfield; SW Iran, *Geoenergy Science and Engineering*, June 2023
7. khaled Maroufi and Iman Zahmatkesh, Effect of lithological variations on the performance of artificial intelligence techniques for estimating total organic carbon through well logs, *Journal of Petroleum Science and Engineering*, January 2023, <https://www.sciencedirect.com/science/article/abs/pii/S0920410522010658>
8. Khaled Maroufi Bahram Alizadeh Esmaeel Rokni Mahdi Fajrak, Integrating Reservoir Geochemistry and Engineering Approaches to Investigate Connectivity of Asmari and Bangestan

.Reservoirs in Gachsaran Oilfield,Advanced Applied Geology,January 2018  
Bahram Alizadeh, Khaled Maroufi, Mohamad Hossein Heidarifard,Estimating source rock  
parameters using wireline data: An example from Dezful Embayment, South West of Iran,Journal  
of Petroleum Science and Engineering,December 2017  
Bahram Alizadeh, Khaled Maroufi, Mahdi Fajrak,Hydrocarbon reserves of Gachsaran oilfield, .10  
.SW Iran: Geochemical characteristics and origin,Marine and Petroleum Geology,April 2018

## پایان نامه ها

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۱. بازسازی تاریخچه تدفین و مدل سازی بلوغ حرارتی سنگ های منشاء در میدان های چلینگر و گرنگان
  ۲. مطالعات امکان سنجی پایش تزریق کربن دی اکسید با استفاده از داده های لرزه ای