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Degree: Assistant Professor of Sedimentology

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نام و نشانی محل کار: کهگلویه و بویراحمد- گچساران- دانشگاه آزاد اسلامی واحد گچساران- گروه مهندسی نفت

شغل (سمت یا مسئولیت): عضو هیئت علمی تمام وقت - گروه مهندسی نفت

مرتبه علمی: (استاد دانشیار استادیار مربی)

<p>Education: سوابق آموزشی</p>	<p>Ph.D. in Sedimentary Rock and Sedimentology, Department of Geology, Faculty of Science, Science and Research Branch, Azad University, Tehran, Iran (2007-2012), (Supervisor.1: Ahmad Motamed, Supervisor.2: Bahman Solimani, Consulting Supervisor: Mohammad Reza Kamali). M.Sc. in Sedimentary Rock and Sedimentology, Department of Geology, Faculty of Science, North Tehran Branch, Azad University, Tehran, Iran (2002-2006), (Supervisor: Ahmad Motamed, Consulting Supervisor: Ahmad Zavarehei). B.Sc. in Geology, Department of Geology, Behbahan Branch, Azad University, Behbahan, Iran (1998-2002).</p>
<p>Published papers مقالات چاپ شده در مجلات</p>	<ol style="list-style-type: none"> 1. Tabatabaei, H., Motamed, A., 2007, The Application of NGS (Natural Gamma Ray Spectrometry) log in Identification of Clay Minerals and Environmental Facies in Kupal Oil Field, Vol. 2, No.3. 2. Tabatabaei, H., Motamed, A., Solimani, B., Kamali, M.R., 2012, Geochemistry of Gurpi-Pabdeh-Asmari formations and its implication on chemical variation during deposition of Pabdeh Formation, Zagros Basin, Himalayan Geology, Vol. 33 (2), 126-138. 3. Fakhri, M., Tabatabaei, H., Amiri, A., 2013, Comparing the Potential of Hydrocarbon Generation of Kazhdomi and Pabdeh Formations in Bangestan Anticline (Zagros Basin) According To Rock-Eval Pyrolysis Data, Journal of Earth Science & Climatic Change, Vol. 4 (5), 2-7. 4. Tabatabaei, H., 2017, Potential Evaluation and Basin Modeling of the Pabdeh Formation in Zagros Basin, a case study, Open Journal of Geology, Vol.7, No.4. 5. Poursamad, R., Tabatabaei, H., 2017, Reservoir Quality Evaluation of Sarvak Formation in Gachsaran Oil Field, SW of Iran, International Journal of Research and Innovations in Earth Science, Vol. 4, (3). 6. Kaviyani Nezhad, H., Tabatabaei, H., 2017, Simulation of petrophysical parameters of Asmari reservoir using SGS method in Mansuri oil field, Southwest of Iran, Open Journal of Geology, Vol.7, No.8. 7. Soltani Galoogerdi, S., Tabatabaei, H., 2018, Calculation of reservoir parameters in Gurpi and Pabdeh fractured formations, Marun oil field, SW Iran, Petroleum and Coal, 60 (5), 925-932. 8. Tabatabaei, H., 2018, 3D modeling of porosity in Sarvak formation via Gaussian simulation method in Kupal oil fields, Dezful embayment, Petroleum and Coal, 60 (6), 1187-1192. 9. Tabatabaei, H., 2018, Evaluation of water saturation models in shaly limestone zone of Asmari formation, Kupal oil field, SW of Iran, Petroleum and Coal, 60 (6), 1250-1256. 10. Tabatabaei, H., Poursamad, R., 2019, Evaluation of Asmari Reservoir Properties via Petrophysical Log in Mansour Abad oil Field, SW of Iran, Petroleum and Coal, 61 (1), 205-211. 11 Tabatabaei, H., Dadgar, S., Deimar, H., 2019, Investigation of Asphaltene precipitation in Bangestan Reservoir Kupal oil Field, SW of Iran, Petroleum and Coal, 61 (2), 351-359. 12. Tabatabaei, H., 2019, Calculation of Fracture Density via Image Logs and Comparing the Result of Mud Loss, Gachsaran oil Field, SW of Iran, Petroleum and Coal, 61 (2), 449-453. 13. Mohammadkhani, Y., Tabatabaei, H., 2019, Reservoir characterization of Illam formation in Kupal oil field, SW of Iran, Petroleum and Coal, 61 (4), 732-737. 14. Tabatabaei, H., Behvand, I., 2018, Investigation of Shale Swelling and Optimization Mud to Drill Pabdeh and Gurpi Formation in Kupal oil Field, SW of Iran, American Journal of Oil and Chemical Technologies, 6 (3).

	<p>15. Javid, A., Tabatabaei, H., 2019, Natural fractures analysis of reservoir rock via FMI image log in BiBi-Hakimeh oil field, SW of Iran, Petroleum and Coal, 61 (4), 808-812.</p> <p>16. Javid, A., Tabatabaei, H., 2019, Investigation of petrophysical and lithological parameters of Asmari formation in BiBi-Hakimeh oil field, SW of Iran, Petroleum and Coal, 61 (4), 855-859.</p> <p>17. Tabatabaei, H., 2019, Relation ship between sedimentary environment via geochemistry and mineralogy in Sarvak formation, Zagros oil fields, SW of Iran, Petroleum and Coal, 61 (5), 1055-1065.</p> <p>18. Kaviyani Nezhad, H., Tabatabaei, H., 2019, Determination of different lithology communities in Asmari reservoir via petrophysical data and statistical analysis, Mansuri oil field, SW of Iran, Petroleum and Coal, 61 (5), 1234-1240.</p> <p>19. Mousavi, B., Yazdjerdi, K., Abdideh, M., Tabatabaei, H., 2018, Hydraulic fracturing design in one of the Iranian South hydrocarbon reservoirs, Journal of Biochemical Technology, 166-182.</p> <p>20. Mousavi, B., Yazdjerdi, K., Abdideh, M., Tabatabaei, H., 2020, The effect of sufficient barrier layers on hydraulic fracturing design efficiency in one of the Iranian South hydrocarbon reservoirs, Iranian Journal of Earth Sciences.</p> <p>21. Hossein Tabatabaei, 2021, Analysis of fracture density and their effect on mud loss in Asmari reservoir via FMI/FMS log, Rag-e-Safid oil field, SW of Iran, Himalayan Geology, Vol. 42 (1), pp. 205-210.</p>
<p>Selected Papers in International Conferences مقالات منتخب در کنفرانس‌های بین المللی</p>	<p>1. Tabatabaei, H., Motamed, A., Mosavian, S.S., 2010, Geochemical studies of Pabdeh Formation in Kupal oil field and determination of oil production, The First international Applied Geological Congress, Azad University-Mashhad Branch 26-28 April (Oral).</p> <p>2. Tabatabaei, H., Motamed, A., 2010, The Application of NGS(Natural Gamma Ray Spectrometry) electric diagram in identification of clay minerals Formation of Pabdeh and Gurpi and the optimized of mix of Drilling mud in Kupal oil field, The First international Applied Geological Congress, Azad University-Mashhad Branch, 26-28 April (Oral).</p> <p>3. Oroji, A.A., Tabatabaei, H., Study of Lithology and Porosity of Ilam Formation in Kupal oil field, 2015, The Second International Applied Geological Congress (2nd IAGC), 19-21 May (Oral).</p> <p>4. Oroji, A.A., Tabatabaei, H., Calculate of Shale Volume and Determination of Clay minerals in Ilam Formation, Kupal oil field , 2015, The Second International Applied Geological Congress (2nd IAGC), 19-21 May (Oral).</p> <p>5. Fouladi vanda, E, Tabatabaei, H., 2016, Petrophysical study of Pabdeh Fractural Formation in Kupal oil field, South-west of Iran, The fourth International Conference on Oil, Gas, Refining and Petrochemical With focus Relationship Between Government, University and Industry, 25 Nov (Oral).</p> <p>6. Kheiri, K., Taghizadeh, S.R., Jelveghar Filband, A., Tabatabaei, H., 2018, Investigation of natural drainage of the reservoir and the effects of mixing and unloading gas injections on the recovery of gas condensate in one of Iran's gas reservoirs, 5th International Conference on recent innovation in chemistry and Chemical Engineering (Oral)</p> <p>7. Soltani Galoogerdi, S., Tabatabaei, H., Petrophysical evaluation and prediction of lithology, porosity and water saturation in one of the Iranian carbonate fields using well-logging data in Pabdeh formation, 5th international conference in applied research in chemistry and chemical engineering focusing on local technology, 13 September 2018, Kharazmi university, Tehran, Iran</p> <p>8. Soltani Galoogerdi, S., Tabatabaei, H., Petrophysical evaluation and prediction of lithology, porosity and water saturation in Gurpi formation using Geolog software, 5th international conference in applied research in chemistry and chemical engineering focusing on local technology, 13 September 2018, Kharazmi university, Tehran, Iran</p>
<p>کتاب‌های تخصصی رشته نفت چاپ شده به زبان فارسی</p>	<p>۱- مقدمه‌ای بر رسوب آسفالتین در مخازن نفتی، انتشارات آستان جانان (۱۳۹۷)</p> <p>۲- تعیین زون‌های فعال شیلی و پیشنهاد گل حفاری بهینه، انتشارات علوم/ فنون پزشکی اهواز (۱۳۹۷)</p> <p>۳- شناسایی ویژگی‌های مخزنی توسط نمودارهای پتروفیزیکی، انتشارات نگارستان غرب (۱۳۹۷)</p>
<p>Research Projects مجری طرح های پژوهشی</p>	<p>۱. مطالعه ژئوشیمیایی سازند پابده و تعیین میزان نفت زایی در بخش مرکزی فروافتادگی دزفول (دانشگاه آزاد اسلامی واحد گچساران-۱۳۸۹)</p> <p>۲. تعیین نوع گل حفاری با استفاده از نوع کانی های رسی سازند پابده در بخش مرکزی فروافتادگی دزفول (دانشگاه آزاد اسلامی واحد گچساران-۱۳۹۱)</p>

	<p>۳. تعیین زون‌های فعال شیلی حد فاصل افق نفتی آسماری و بنگستان و ترکیب بهینه گل حفاری در میدان نفتی کوپال. (وزارت نفت، شرکت ملی حفاری، ۱۳۹۳)</p> <p>۴. مقایسه توان هیدروکربن زایی سنگ منشا های کژدمی و پابده در میدان نفتی گچساران و تاقدیس میش. (دانشگاه آزاد اسلامی واحد گچساران-۱۳۹۶)</p> <p>۵. بررسی خواص پتروگرافی و شیمیایی سازند مخزن سروک در تاقدیس بنگستان (دانشگاه آزاد اسلامی واحد گچساران-۱۳۹۸)</p>
<p>Ph.D. &M.Sc. Thesis supervision راهنمایی و مشاوره پایان نامه های دکتری و کارشناسی ارشد</p>	<p>Ph.D. Thesis:</p> <ol style="list-style-type: none"> 1. Hydraulic Fracturing Modeling in South Iranian Hydrocarbon Reservoirs and the study of the effect of the in situ stress field on its efficiency (Behnam Mousavi, 2018). 2. Systematic analysis of fractures of the Asmari reservoir in Rag-e-Sefid oil field (by the result of FMI/FMS logs). (Seyyed Ataalla Seyyed, 2021). <p>M.Sc. Thesis:</p> <ol style="list-style-type: none"> 1. Hydrocarbon potential comparison of Kazhdomi and Pabdeh source rocks in Bangestan anticline using Rock- Eval pyrolysis (2013). 2. Determination of Active Shale Zone in the middle of Asmari and Bangestan Reservoirs And Optimized Composition of Mud Drilling in Kupal Oil Field (2014). 3. Prediction of casing collapse with geomechanical analysis (2014) 4. The study of Porosity and petrophysical evaluation of Illam formation in Kupal oil field (2015). 5. Classification of layers and formations in one of the South-West Iran's oil fields well According IADC Code for optimized bit Selection (2015) 6. Hydrocarbon potential comparison of Pabdeh and Gurpi source rock in Khaviz anticline using ROCK-Eval pyrolysis (2015). 7. Investigation of the active Shale layers and Optimized composition of drilling mud for drilling of Gachsaran formation in Gachsaran oil field (2015). 8. Determination and distribution of petro physical and petrofabrical parameters of Illam Formation in Mansuri oil field (2015). 9. Determination and distribution of petrophysical and petrofabrical parameters of Asmari Formation in Mansur Abad oil filed (2015). 10. Evaluation of reservoir characteristics and Lithology of Asmari and Sarvak formations in Kupal oil field (2015). 11. Petro physical study of Pabdeh and Gurpi formations in Kupal oil fie (2016). 12. Simulation of petrophysical parameters of Asmari reservoir using SGS method in Kupal oil field (2016). 13. Estimation of porosity and permeability of Sarvak formation from Gachsaran oil field with neural network and compare with core analysis (2017). 14. Simulation of petrophysical parameters of Sarvak reservoir using SGS method in Kupal oil field (2017). 15. Petrophysical evaluation of Asmari formations in Mansuri oil field (2017). 16. Evaluation of reservoir parameters of Sarvak formation in Gachsaran oil field (2017) 17. The estimation volume of hydrocarbons in place using the artificial neural networks in one of the fields in South-West of Iran (2018). 18. Fluid saturation study in Pabdeh and Gurpi fractured reservoirs formations in Marun oil field (2018). 19. Evaluation of petrophysical properties of Illam formation in Marun oil field via well logging (2018). 20. Determined the depth of fractures density in amount of mud fluid loss via Image Log in Rag-e-Sefid oil field (2018). 21. Drilling fluid parameters design to optimize drilling operation: Case study in South Azadegan field (2018). 22. Simulation of petrophysical parameters of Sarvak reservoir using SGS method in Kupal oil field (2018). 23. Determination of Active Shale Zones between Asmari and Bangestan Reservoirs and Optimized Composition of Drilling Fluid in Kupal Oil Field (2018). 24. Study in effect Formation tension and geomechanical analysis on casing collapse in one field SW Iran

	<p>(2018).</p> <p>25. Study of Fractures Reservoir of Asmari, via Electrical Image Logs in one of wells of Naft Safid oil field (2018).</p> <p>26. Petrophysical Properties of Asmari Formation in Bibi Hakimeh Oil Field (2019).</p> <p>27. Designing suitable fluid for crossing the Shaly and Marly Pabdeh and Gurpi marl formations and reducing the risk of drilling in Gachsaran oilfield (2019).</p> <p>28. The effect of pressure gradient changes and geo mechanical analysis on casing collapse in one of the fields in south west of Iran (2019).</p> <p>29. Regression analysis of reservoir data for identification of Asmari formation fractures in Marun oil field (2019).</p> <p>30. Evaluation of clay minerals for stability analysis of borehole in Asmari formation, Kupal oil field (2019).</p> <p>31. Investigation of unstable points and prediction of sand production by Well Logging in Maroon oilfield (2019).</p> <p>32. Modeling and Design of Tubing and Production Forecast in Oil Wells at One of the Southwest Wells of Iran (2020).</p> <p>33. Study of Asmari Formation via Multiple Resolution-Base Kraft Clustering Method to Identify the Best Reservoir Horizon zone in One of Southwest Iran Reservoirs (2020)</p> <p>34. Chemical-Petrophysical Study of Clay Minerals of Asmari Formation for the Analysis of Wellbore Stability in One of the Mansouri Oilfield Wells (2021)</p>
<p>Executive experiences سوابق اجرایی</p>	<p>۱- عضو هیئت علمی گروه مهندسی نفت، دانشگاه آزاد اسلامی واحد گچساران از سال ۱۳۸۶</p> <p>۲- عضو شورای پژوهشی دانشگاه آزاد اسلامی واحد گچساران از سال ۱۳۹۳-۱۳۹۷</p> <p>۳- مدیر پژوهش دانشگاه آزاد اسلامی واحد گچساران سال ۱۳۹۳</p> <p>۴- عضو کارگروه صلاحیت علمی گروه (زمین شناسی) هیات اجرایی جذب هیات علمی استان کهگیلویه و بویراحمد از سال ۹۳-۱۳۹۱</p> <p>۵- نماینده تام الاختیار دانشگاه آزاد اسلامی واحد گچساران در کنسرسیوم نفت سال ۱۳۹۴</p>
<p>Honors & award جوایز و افتخارات علمی</p>	<p>1. Top Researcher in Azad University, Gachsaran Branch (2012).</p> <p>2. Top Researcher in Azad University, Gachsaran Branch (2018).</p>
<p>Teaching Courses Experiences دروس تدریس شده در مقطع کارشناسی و کارشناسی ارشد</p>	<p>M.Sc.: Well Logging, Geostatistics and Simulation of Reservoir, Fractured Reservoirs, Sub Surface Geology, Asphaltene Precipitation in Reservoir, Geochemistry, Petrophysics, Formation Damage, Basin Analysis, Petroleum Geochemistry, Advance Petrophysics, Formation Evaluation, Rock mechanic, and ...</p> <p>B.Sc.: Well Logging, Petroleum Geology, Structural Geology, Mud Drilling, Formation Damage.</p>
<p>Skills, techniques & experiences علاقه مندی ها و مهارت ها</p>	<p>Academic Interests: Petroleum Geology and Formation Evaluation. Reservoir Geology- Fractured Reservoirs. Petrophysics. Asphaltene precipitation and Formation Damage. Clay and Shale Formation.</p> <p>Skills and techniques: - XRD - XRF - SEM - Geolog Vre.7 - Petrel - Geostatistics - CMG-Win prop - Matlab</p>