

Reference

about the candidate for academic title of professor
in the scientific direction of 20000 – Engineering and technology, /20700 – Environmental
Engineering, / 20702 – Petroleum Engineering (Classifier of scientific areas,
approved by order of the Minister of Education and Science of the Republic of Kazakhstan
dated August 5, 2021 №386)

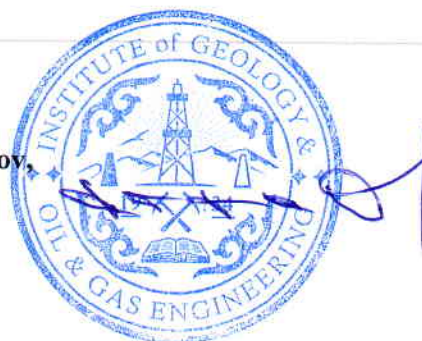
1	Last name, first name, patronymic (if any)	Moldabaeva Gulnaz Zhaksylykovna
2	Academic degree (Doctor of Science)	Doctor of Technical Sciences, October 27, 2011 Diploma GD № 0001978.
3	Academic title, date of award	Associate Professor in the specialty «Mining Resources Development», December 21, 2007. Diploma DC № 0000081.
5	Position (date and number of the order of appointment to the position)	1) Professor of the Department of Development of Oil and Gas Fields of the K.I. Satbayev Kazakh National Research Technical University (Order № 91–Is dated January 20, 2012) (indicated in the employment record book); 2) Considered to have started work after maternity leave as a professor at the Department of Development and Operation of Oil and Gas Fields at the K.I. Satbayev Kazakh National Research Technical University (Order № 1078 – Is dated July 15, 2016) (indicated in the employment record book); 3) Currently professor at the Department of Petroleum Engineering at the K.I. Satbayev Kazakh National Research Technical University (Order № 73 –Is dated January 24, 2022) (indicated in the employment record book).
6	Experience in scientific, scientific and pedagogical activities	A total of 24 years, including continuous experience as a professor of 5.5 years, total experience as a professor of 7.9 years.
7	Number of scientific articles after <u>receiving the academic title of associate professor (2007)</u>	A total of 82 , - in international peer-reviewed journals included in the Scopus and Web of Science databases – 18 , including 8 articles in journals with a percentile of more than 50 ; - in publications recommended by the Committee for Quality Assurance in the Field of Science and Higher Education, the Ministry of Science and Higher Education of the Republic of Kazakhstan – 40 ; - in other scientific journals and publications – 12 ; - monographs and textbooks – 8 ; Has 4 innovative patents of the Republic of Kazakhstan. H-index – h: according to Scopus – 11 ; Web of Science – 3 ; Google scholar – 4 ORCID ID: https://orcid.org/0000-0001-7331-1633 ; Scopus Author ID: 55969768100 ; Google Scholar: https://scholar.google.com/citations?hl=ru&authuser=2&user=a1ybMcYAAAAJ , https://publons.com/researcher/3274549/gulnaz-moldabayeva/ , Web of Science Researcher ID AAC-2774-2020 eLIBRARY: https://www.elibrary.ru/author_items.asp?authorid=1082692

8	<p>Number of published monographs, textbooks, individually written educational (educational and methodological) aids over the past 5 years</p>	<ol style="list-style-type: none"> 1. Monograph (co-authored) - Research and improvement of the process of development of high-viscosity deposits. , Almaty, 2023. 328 p., ISBN 978-601-323-341-3, volume of 20.5 printed sheets, of which 12 printed sheets belong to the applicant (copyright distribution certificate available) 2. Monograph (co-authored) - Technological foundations of modeling and study of process characteristics with combined methods of influencing oil reservoirs. Almaty, 2023.331 p. ISBN 978-601-323-345-1, volume of 21 printed sheets, of which the applicant owns 11 printed sheets (a certificate of copyright distribution is available) 3. Monograph (co-authored) – Study of the influence of deformation characteristics of oil reservoirs on well productivity., Almaty, 2024. 300 pages, ISBN 978-601-08-3747-8, volume of 18.8 printed sheets, of which the applicant owns 12 printed sheets (a certificate of distribution of copyright is available) 4. Monograph (co-authored) – Decision making in oil and gas technologies under conditions of uncertainty, Almaty, 2024. 300 pages, ISBN 978-601-08-3748-5, volume of 15.7 printed sheets, of which the applicant owns 13 printed sheets (a certificate of distribution of copyright is available) 5. Study guide (co-authored) – Fundamentals of polymer processing technology, Almaty, 2024. 150 pages, ISBN 978-601-08-3748-8, volume 8.7 printed sheets, of which the applicant owns 6 printed sheets (a certificate of distribution of copyright is available) 6. Textbook (co-authored) – Development of oil fields. Secondary production (Polymer flooding) Recommended by REMC Ministry of Education and Science of the Republic of Kazakhstan №1 dated 06.10.2023, Almaty, 2023. 258 pages, ISBN 978-601-08-3475-0, volume 15.1 printed sheets, of which the applicant owns 11 printed sheets (a certificate of distribution of copyright is available) 7. Textbook (solo) – Anti-corrosion protection in the oil and gas industry, Recommended by RUMS Ministry of Education and Science of the Republic of Kazakhstan №5 dated February 24, 2023. Almaty, 2023. 324 pp., ISBN 978-601-323-346-8, volume 20.31 printed sheets. 8. Textbook (co-authored) – Fundamentals of oil and gas business, Recommended by RUMS Ministry of Education and Science of the Republic of Kazakhstan №2 dated December 10, 2023. Almaty, 2023. 265 pp., ISBN 978-601-323-421-2, volume 15.4 printed sheets, of which the applicant owns 11 printed sheets (a certificate of distribution of copyright is available)
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9	Persons who defended a dissertation under his/her supervision and have an academic degree (Candidate of Sciences, Doctor of Science, Doctor of Philosophy (PhD), Doctor of Science in the field) or an academic degree of Doctor of Philosophy (PhD), Doctor of Science in the field or a Doctor of Philosophy (PhD) degree, Doctor of Science in the field	<ol style="list-style-type: none"> 1. Uskumbaev Kuanysh – Justification of technology for enhancing oil recovery based on the use of a complex impact emulsion. Almaty. KazNTU. August 28, 2010 Candidate of Technical Sciences. 2. Baybotaeva Saltanat Elikbaevna - «Justification of the process of the efficiency improvement of well product preparation in oil production». Almaty. KazNRTU. April 20, 2019 Doctor of Philosophy (PhD) in specialty 6D060700 – Oil and Gas Engineering. 3. Alisheva Zhanat Nurkuatovny – Improvement of technology for enhanced oil recovery using pulsed impact methods. Almaty, KazNRTU. May, 2021 Doctor of Philosophy (PhD) in specialty 6D060700 – Oil and Gas Engineering. 4. Suleimenova Raikhan Taupikhovna - «Improvement of methods of control and regulation of development in oil fields of Embimunaygaz JSC» 2022. Doctor of Philosophy (PhD) in specialty 6D060700 – Oil and Gas Engineering. 5. Imansakipova Zemfira Beketovna – Improvement of technological solutions to limit water inflows in production wells under conditions of uncertainty, 2023. Doctor of Philosophy (PhD) in specialty 6D060700 – Oil and Gas Engineering.
10	Laureates, prize-winners of republican, international, foreign competitions, exhibitions, festivals, awards, and Olympiads prepared under his leadership.	<ol style="list-style-type: none"> 1. Klyushnichenko Valeria Stanislavovna, 4th year student of the specialty «Oil and Gas Engineering» - 1st degree Diploma at the republican competition of higher educational institutions of the Republic of Kazakhstan for the best student work in natural, technical, social, humanitarian and economic sciences, №2 dated 05.29.2023, Protocol of the Competition Committee of SRWS, order of the Rector of SKU №76 – nk dated 04.17.2023. 2. Pokhilyuk Marina Valerievna, 2nd year master's student in the specialty «Petroleum Engineering» II degree diploma at the republican competition in scientific research work. Order of the Rector of K.I. Satbayev KazNRTU №125 – P/O dated 26.03.2024.
11	Additional Information	<ol style="list-style-type: none"> 1. Member of the National Scientific Council of the Ministry of Education and Science of the Republic of Kazakhstan in the direction of Geology, extraction and processing of mineral and hydrocarbon raw materials, new materials, technologies, safe products and structures, №258 dated June 5, 2023. 2. Member of the Scientific and Technical Council for the Review of Research, Scientific, Technical and Development Projects under the Ministry of Energy of the Republic of Kazakhstan (Order 493 of December 29, 2023) of the Scientific and Technical Council for the Review of Research, Scientific, Technical and Development Work under the Ministry of Energy of the Republic of Kazakhstan (Order 493 dated December 29, 2023) 3. Permanent member of the Dissertation Council of JSC KBTU 8D07201 – Oil and Gas Engineering. Order «03-1/109-P» dated September 19, 2022. 4. Permanent member of the Dissertation Council of the NJSC K.I. Satbayev KazNRTU, majoring in «Oil and Gas Business and Oil Refining», Order № 12-P/O dated January 10, 2024. 5. Member of the editorial board of the Scientific and Technical Journal «News of Universities. Oil and Gas» of the Tyumen State Oil and Gas University (Russia), included in the RSCI database;

6. Member of the working group of the Industry Council on professional qualifications of the oil and gas, oil refining and petrochemical industries under the Ministry of Energy of the Republic of Kazakhstan (ME Order №421 of November 28, 2023);
7. Member of the editorial board of the journal «Bulletin of KBTU» since 2022.
8. Member of the editorial board of the journal «Oil and Gas» since 2022.
9. Member of the commission of the Republican Educational and Methodological Council in the direction of Manufacturing and Processing Industries «Oil and Gas Business» (Order № 29-P dated January 31, 2022).
10. Member of the editorial board of the «Complex Use of Mineral Resources » journal since 2022.
11. Scientific supervisor of AR05130483 «Scientific and technical basis for reducing the viscosity of Kazakhstani oils, ensuring a significant increase in oil recovery» (2018-2020).
12. Scientific supervisor of economic contract topics № A.022.21 JSC SNPS-Aktobemunaigas №720R dated March 5, 2021 «Research and analysis of methods for intensifying the production of high-viscosity oil for the conditions of the Kenkiyak field, increasing their final oil recovery», №19/2022-08/09 «Intensification of reserves production and creation of analytical systems for monitoring subsoil use»
13. Scientific supervisor of the GF project (AP19674847«Study of the mechanism of occurrence of water inflows and patterns of influence of geological and technological factors on the performance of insulation work» 2023-2025).
14. Scientific supervisor of the PTF (BR21881822 «Development of technical solutions for optimizing geological and technical operations when drilling wells and oil production at the late stage of field exploitation» (2023-2025)).
- Awards and promotions:
15. State scholarship holder of young and talented scientists who contributed to the development of science and technology of the Republic of Kazakhstan in 2006-2008 and 2010 -2012.
16. Badge “Miner's glory III degree” Ministry of Industry and Infrastructure Development of the Republic of Kazakhstan, 2019.
17. In 2021, Gold Medal named after A. Baitursynov, Association of Universities of the Republic of Kazakhstan.
18. Badge “Honored employee of the oil and gas industry” of the Ministry of Energy of the Republic of Kazakhstan dated August 17, 2022, №518-zh.
19. Kazenergy Medal as a sign of recognition and encouragement for labor and professional merits in the development of the oil and gas and energy complex of the Republic of Kazakhstan №231 2022.
20. Order of the Minister of Science and Higher Education of the Republic of Kazakhstan, Astana dated December 28, 2022 № 216 - scholarship holder of the State Scientific Scholarship for scientists and specialists who have made an outstanding contribution to the development of science and technology of the Republic of Kazakhstan 2022-2023.
21. Best teacher of the Republic of Kazakhstan 2023.
22. Winner of the K.I. Satbayev personal prize for the best scientific research in the field of natural sciences in 2023.
23. In 2023 was awarded at the annual award “Altyn Adam - Person of the Year” in the category “Scientist of the Year”.

**Director of the Institute of Geology
and Oil and Gas Science named after K. Turysov,
NJSC «K.I. Satbayev KazNRTU»**



A. Kh. Syzdykov