

Reference

about the candidate for academic title of **professor**
in the scientific direction of **10400 – Earth and Environmental Sciences**

1	Surname, first name, patronymic (if any)	Ospanov Kairat Tulegenovich
2	Academic degree, date of award	Candidate of Technical Sciences in specialty 05.23.04 – Water supply, sewerage, construction systems for water resources protection. September 13, 2002.
3	Academic title, date of award	Associate professor in specialty 05.23.00 – Construction. 30.06.2011.
4	Honorary title, date of award	-
5	Position (date and number of the order on appointment to the position)	<ol style="list-style-type: none"> 1. Acting Professor of the Department of Hydrogeology and Engineering Geology (Order No. 319 l/s dated September 2, 2015) (indicated in the work record book); 2. Professor of the Department of Hydrogeology and Engineering Geology (Order No. 1346 l/s dated August 31, 2016) (indicated in the work record book); 3. The employment contract for the position of Professor of the Department of Oil and Gas Geology has been extended (Order No. 662 l/s dated May 31, 2019) (indicated in the work record book); 4. The employment contract for the position of Professor of the Department of Hydrogeology, Engineering and Oil and Gas Geology has been extended (Order No. 1107 l/s dated May 30, 2022) (indicated in the work record book).
6	Experience in scientific, scientific and pedagogical activity	Total 29 years, including 9 years as a professor
7	Number of scientific articles after receiving the academic title of Associate Professor	<p>In total, after receiving the academic title of Associate Professor, 69 scientific papers have been published in the direction 10400 Earth and Environmental Sciences, namely:</p> <ul style="list-style-type: none"> - in international peer-reviewed journals included in the Scopus, Web of Science databases - 12, including - 4 articles in journals with a percentile of more than 50; - in publications recommended by the Committee for Quality Assurance in Science and Higher Education - 21; - patents for invention of the Republic of Kazakhstan - 5, patent application - 1; - articles published in other scientific journals and publications - 12; - reports in international scientific conferences - 14; - monographs - 2 (single-authored), teaching aid - 1 (single-authored) and textbook - 1 (co-authored). <p>Hirsch index–h: according to Scopus - 5; Web of Science – 5.</p>

		Author IDs: Scopus Author ID: 56450780100 Web of Science Researcher ID: AAA-8499-2020 ORCID: 0000-0002-1917-7864
8	The number of monographs, textbooks, and individually written teaching aids (educational and methodological manuals) published over the last 5 years	Monograph (single author). Technology of biochemical treatment of low-concentration wastewater. Published by KazNITU named after K.I. Satpayev, Almaty, 2020. – 174 p. ISBN 978-601-323-210-2. With a volume of 10.9 printed sheets. Recommended for publication by the decision of the Academic Council of the NJSC "Kazakh National Research Technical University named after K.I. Satpayev", protocol No. 17 dated 06.25.2020.
9	Persons who defended their dissertation under his supervision and have an academic degree	Yelzhasov Ablay Aralbayevich - Candidate of Technical Sciences in the specialty 05.23.04 - Water supply, sewerage, construction systems for the protection of water resources. 2010.
10	Laureates and prize winners of national, international and foreign competitions, exhibitions, festivals, awards and olympiads prepared under his supervision.	Students of the specialty 5B080500 - "Water resources and water use" in the team of KazNITU named after K.I. Satpayev took 2nd place at the Republican Olympiad in the discipline "Hydraulics".
11	Additional Information	<p>1. Participation in scientific projects (over the past 5 years):</p> <p>1.1. Scientific director of the scientific and technical program: BR10965134 "Assessment of fresh groundwater resources as the main source and long-term reserve of sustainable drinking water supply for the population of the Republic of Kazakhstan", under the budget program "Program-targeted financing for scientific, scientific and technical programs for 2021-2023" of the Ministry of Education and Science of the Republic of Kazakhstan.</p> <p>1.2. Scientific director of the section of the scientific and technical program: BR11765599 "Development and improvement of technologies for cleaning natural waters and improving the quality of drinking water in the regions of Kazakhstan", under the budget program "Program-targeted financing for scientific, scientific and technical programs for 2022-2023" of the Ministry of Education and Science of the Republic of Kazakhstan.</p> <p>1.3. Scientific supervisor of the contractual project No. 4.012.18 on the topic: "Research and development of an innovative technology for wastewater treatment in Kostanay, ensuring its environmental safety", carried out on the basis of contract No. 1001 from 05/21/2018 to 12/31/2020.</p> <p>1.4. Chief researcher of project No. 2018 / AP05132198 "Development of an innovative technology for wastewater treatment and sludge treatment, ensuring their environmental safety", under the budget program "Grant financing of scientific research for 2018-2020" of the Ministry of Education and Science of the Republic of Kazakhstan.</p> <p>1.5. Leading researcher of the project No. AP08855852</p>

	<p>"Development of a technology for obtaining a complex coagulant based on ferrous diatomites for the purification of industrial and wastewater from hydrogen sulfide", under the budget program "Grant financing of scientific research for 2020-2022" of the Ministry of Education and Science of the Republic of Kazakhstan.</p> <p>2. Expert in the assessment of projects for the commercialization of the results of scientific and (or) scientific and technical activities of the Ministry of Education and Science of the Republic of Kazakhstan, 2014 - 2015.</p> <p>3. Expert of the expert commission of AEOK (Association of Environmental Organizations of Kazakhstan) for conducting Public Environmental Expertise of Water Supply and Sanitation Facilities, 2020 -.2023.</p> <p>4. Ospanov K.T. is the author of more than 110 scientific and educational-methodical works published in international and national publications.</p>
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Director of the Institute of Geology
and Oil-gas Business named after K. Turysov,
NPJSC "KazNITU named after K.I. Satpayev"



A.H. Syzdykov
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