



Last name, first name, patronymic:

Tergenbayeva Zhuldyz Turekhanovna

Position (Department): Senior Lecturer Department of Biology

Information about education:

2007- Graduated with honors from the Almaty College of Water Management with a specialty in Ecology and Rational Use of Natural Resources.

2009 - 2011- Bachelor's degree in Ecology (specialty code 5B060800), Eurasian Technological University (ETU).

2018 -2020 - Master's degree in Ecology (specialty code 6M060800), Sarsen Amanzholov East Kazakhstan State University; awarded the academic degree of Master of Natural Sciences.

2022 - 2024 - Bachelor's degree program "Forest Resources, Game Management, and Beekeeping" (educational program 6V08301), Sarsen Amanzholov East Kazakhstan University.

Academic degree: Master of Natural Sciences

Academic title: None (PhD Candidate)

Pedagogical experience: 15 years, including 6 years in the field.

Subjects taught: biotechnology and Breeding of Wild Animals Breeding, Keeping, and Utilization of Game Animals and Bees Protection, Reproduction, and Rational Use of Natural Resources ,Greening of Settlements Fundamentals of Beekeeping.

Scientific interests: Ecological monitoring, conservation and assessment of biodiversity, forest ecosystem research, and issues of sustainable nature management.

Publications and articles:

1. Pedagogical Foundations of the Formation of Professional Competence of Future Teachers. Bulletin of Karaganda University, Series "Pedagogy", No. 4 (104), 2021.
2. Determination of the Development of Physical Inactivity Among Schoolchildren. Bulletin of Karaganda University, Series "Pedagogy", No. 2 (106), 2022.

1. Distribution and Coenoflora of the Rare Endemic *Daphne altaica* (Thymelaeaceae) in East Kazakhstan. Experimental Biology, Al-Farabi Kazakh National University Journal, No. 2 (91), 2022.
2. Formation of Subject Competencies of Teachers on the Example of the Discipline “Biodiversity”. Bulletin of Toraighyrov University, Series “Pedagogy”, No. 3, 2022.
3. Investigation of Pre-Service Science Teachers' Knowledge Levels, Practical Experiences, and Perceived Competencies in Teaching Biodiversity. Journal of Turkish Science Education, 2023, 20(4), 695–717. DOI: 10.36681/tused.2023.03. (Indexed in Scopus)
4. Development of Scientific Writing and Communication Skills in the Context of Forestry Research. International Journal of Cognitive Research in Science, Engineering and Education (IJCRSEE), 2025, 13(2). [HTTPS://WWW.IJCRSEE.COM/INDEX.PHP/IJCRSEE/ARTICLE/VIEW/3334](https://www.ijcrsee.com/index.php/ijcrsee/article/view/3334) ,(Indexed in Scopus)
5. Assessment of the State of *Dactylorhiza fuchsii* (Orchidaceae) Populations from the Altai Mountains of Kazakhstan. Biodiversitas: Journal of Biological Diversity, 2022, 23(9): 4385–4399. <https://orcid.org/0000-0001-8891-4066> (Indexed in Scopus)
6. Current State of Populations of *Daphne altaica* (Thymelaeaceae) in the Kazakh Altai. In: International Scientific Conference “Scientific Discussion: Problems, Tasks, and Prospects”, Brighton, United Kingdom, February 20, 2022.
7. Dendrochronological Analysis of the Response of Tree Species to Climate Change in the High-Mountain Ecosystems of East Kazakhstan. Bulletin of M. Utemisov West Kazakhstan University, No. 3(99), 2025. <file:///C:/Users/user/Downloads/%D0%92%D0%B5%D1%81%D1%82%D0%BD%D0%B8%D0%BA%20%D0%97%D0%9A%D0%A3%203,2025%20.pdf>

