## КАЗАКСТАН РЕСПУБЛИКАСЫ ҒЫЛЫМ ЖӘНЕ ЖОҒАРЫ БІЛІМ МИНИСТРЛІГІ

«К. ЖҰБАНОВ атындағы АКТӨБЕ ӨҢІРЛІК УНИВЕРСИТЕТІ» коммерциялық емес акционерлік коғамы



## МИНИСТЕРСТВО НАУКИ И ВЫСШЕГО ОБРАЗОВАНИЯ РЕСПУБЛИКИ КАЗАХСТАН

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× 14-04-06/25

Science and Higher Education
Quality Assurance Committee of
the Ministry of Science and Higher
Education of the Republic of
Kazakhstan

The defense of the dissertation for the degree of Doctor of Philosophy (PhD) by Alla Mussina on the topic "Development of mathematical and numerical models of the filtration theory with considering of mass transfer processes" according to the educational program 8D05401 – Mathematics will take place at Zhubanov University.

Dissertation presentation form: dissertation work.

Protection language: Russian.

The dissertation was performed at the Department of Mathematics of Zhubanov University.

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риказақ певерусіз жарынсыс болын тебелелін. Жаран кайтарарда мікансті тұрат белдін № және күні верестілуі М

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The defense will take place on April 15, 2025, at 10:00 a.m. at the Dissertation Council at Aktobe Regional University named after K. Zhubanov in the field of "8D05401 – Mathematics", at the address: 000003 Aktobe, 263 Br. Zhubanovykh str., Administrative Building, Academic Council Hall, 12-office.

The protection is carried out in a mixed format on the ZOOM platform.

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