Conclusion of the Ethics Committee

Mukhtar Auezov South Kazakhstan University

Protocol No. 1 «27» 10 2026

1.	Full name of the doctoral student	Makhmud Dinara Marlenkyzy
2.	Doctoral specialty (educational program)	8D04110 – Economy
3.	Period of doctoral studies	2023–2026 Order No. 142-ЖООК of 28.08.2023
4.	Dissertation topic, date of approval	«Development of a model of increasing the efficiency of natural resources using in agriculture in the Turkestan region, preventing climate change» Order No. 22-ЖООК of 26.01.2024
5.	Information about the scientific consultants: full name (if any), position and place of work, academic degrees, citizenship	M. Auezov South Kazakhstan University, Head of the Department of Economics, Doctor of Economic Sciences, Professor **Yessirkepova Altyn Makhmudovna** Citizen of the Republic of Kazakhstan Professor at Katowice Business University, Doctor of Economic Sciences **Dyrka Stefan** Citizen of the Republic of Poland
6.	Research objects	The research object is agriculture as a territorially differentiated system of crop and livestock production of Turkestan region.
7.	Violations in the process of planning, evaluating, selecting and conducting scientific research	No violations were identified.
8.	Violations in the process of disseminating the results of scientific research	No violations were identified.
9.	How were the rights, safety and health of the research objects (in the case of living nature objects and habitats) protected?	During the research, the rights and safety of the research objects were respected; the use of AI technologies was not identified.

Chairman of the Ethics Committee Zh.E. Turekulova

Secretary of the Ethics Committee A.T. Yermekbayeva