

Brief information about the project

Name of the project	AP09261115 Archaeological sites of Ayagoz district of East Kazakhstan region: interdisciplinary research
Relevance	For the first time on extensive source material, it is proposed to develop and solve fundamental issues related to the study of the eastern part of the Kazakh small hills from the Bronze Age to the Middle Ages. A feature of the proposed project is a comprehensive multi-level approach, which includes an interdisciplinary study of social, cultural, historical, ideological, religious, art and other aspects of the tribes inhabiting the territory of Ayagoz district of East Kazakhstan region. This approach is the most promising in solving cardinal problems in the study of archaeological sites in general at the present level.
Purpose	The aim of the project is an interdisciplinary study and historical reconstruction of the processes of formation and development of cultures of ancient tribes inhabiting the eastern part of the Kazakh small hills from the Brozny era to the Middle Ages.
Objectives	<ol style="list-style-type: none">1) Conducting detailed exploration work with fixing and mapping of all large multi-temporal archaeological complexes; Compilation of the archaeological map of the Ayagoz region of East Kazakhstan region; Generalization of all data and their reduction into a single archaeological map of the region with historical and cultural attribution and scientific documentation; Selective excavations at cemeteries of different times to determine the time of their existence and cultural attribution;2) Carrying out geomorphological work on individual archaeological sites to determine the natural and climatic situation of the Ayagoz region of East Kazakhstan region in antiquity. Collection, systematization, partial analysis of materials on funeral rites, cults and worldviews of ancient tribes of the region under study. Systematization of materials of the latest field archaeological research of the monuments of the ancient inhabitants of Kazakhstan.3) The dating of the studied monuments will be based on a systematic analysis of all categories of the subject complex of funerary and, to a lesser extent, funeral objects. The data obtained will be correlated with the results of radiocarbon dating of samples from these complexes, and a genetic analysis of the found remains will also be performed, which will reliably represent the evolution of all groups of finds and outline the development directions of the traditions of ritual practice of ancient tribes.4) An important area in the framework of the project will be the social interpretation of excavation materials from archaeological complexes. An analysis of excavation

	<p>materials within each cultural tradition will highlight a complex of socially significant elements of the rite of the tribes inhabiting the studied region. A systematic correlation of the obtained data in a wide chronological framework will become the basis for reconstructing the dynamics of the structure and organization of the region's population in antiquity and the Middle Ages.</p> <p>5) A systematic analysis of archaeological materials in comparison with other sources (written, graphic, folklore, etc.) will make it possible to comprehensively present the processes of formation and development of ancient societies on the territory of East Kazakhstan.</p> <p>6) The implementation of the results of research work on the study of cults, rituals, ideological systems, ideological attitudes in the educational process of the country's universities. Popularization of the results of the study in the media and on the Internet.</p>
Expected and achieved results	<p><i>Expected Results:</i></p> <ol style="list-style-type: none"> 1. Based on the results of scientific research carried out within the framework of the project, scientific articles will be published in peer-reviewed scientific journals (included in the Scopus, Web of Science, Thomson Reuters databases); it is planned to publish scientific articles in Kazakhstani publishing houses, such as "Kazakh tarikh", "Vestnik KazNU", "Otan tarikh", "Izvestia of the National Academy of Sciences", etc., as well as annual collections of materials from International scientific conferences. 2. Within the framework of the project, a "Code of archaeological monuments of the Ayagoz region of the East Kazakhstan region" will be prepared 3. A license agreement on the subject of intellectual property will be obtained for publications based on the research results 4. Scientific and technical documentation will be developed, all newly discovered archaeological sites will be entered on the archaeological map of the country; 5. Dissemination of the results of the work among potential users, the scientific community and the general public; 6. The results of the study will be applied in the compilation of a set of archaeological sites in Kazakhstan; in addition to scientists, archaeologists and historians,

target consumers are everyone who is interested in the history of their native land;

7. The expected results are the theoretical reconstruction of the main elements of material culture, religious, mythological and ideological concepts, funeral and memorial rituals and religious and cult practice of ancient and medieval tribes of Ayagoz region, East Kazakhstan region;

new data were obtained on the archaeological cultures of the Ayagoz region from the Bronze Age to the Middle Ages;

8. Applicability and / or commercializability of the obtained scientific results: The results of large-scale research will be used in writing textbooks, monographs, preparing a collection of monuments, scientific articles, and video and photo materials will be used in the educational process;

9. The obtained data on the ancient and medieval history of the eastern part of the Kazakh Uplands will have a great social effect for fostering patriotic feelings of the population and knowledge of their past; the economic significance of the program assumes the predicted effect of improving the quality of higher education, an increase in the percentage of students who choose Kazakhstani universities, which, in turn, has a positive effect on the economic climate in the country.

Summary of the work carried out:

– archival and bibliographic materials related to the research topic have been collected and systematized;

– As a result of 3 years of research, 107 previously unknown archaeological sites of different times were discovered for the first time;

– Radiocarbon dates have been established at two Bronze Age sites of the Botpai burial ground;

– Radiocarbon dates have been established on 4 objects of the Early Iron Age at the Bozai burial ground;

– Restoration and conservation works have been carried out at the burial grounds of the Turkic time of Aktubek and Kenysh. Fallen, chopped-up stone statues have been restored.

- 4 previously unknown rock art complexes have been discovered;
- Random finds of Saka horse equipment have been investigated;
- The features of the Saka time of Kazakhstan are analyzed with the help of chronological regional features of the horse equipment of the Saka time.
- X-ray fluorescence analysis of the metal artifacts found at the Bozai burial ground was carried out, the composition of the product was determined;
- All the artifacts found were handed over to the Regional Museum of Local Lore of the city of Semey;
- Copies of artifacts from the burial ground of the early Iron Age Bozai have been handed over to the Historical museum of the city of Ayagoz.
- An archaeological corner was made based on the monuments of the Bozai burial ground in the secondary school of the village of Bozai.
- Osteological materials from the examined mounds were sent for radiocarbon analysis to the laboratory of the scientific services company "Barnas" (Lithuania);
- Osteological materials from the examined mounds were sent to the bioarchaeological laboratory in Lithuania.
- The artifacts were also sent for restoration to the research laboratory "Island of Crimea";
- Detailed exploration work was carried out with the fixation and mapping of all archaeological complexes of different times;
- an archaeological map of the Ayagoz district of the Abai region has been compiled;
- a graphic reconstruction of the military burial mound No. 1 of the Bozai 1 burial ground was made.
- In total, 17 articles have been published on the project in the publications of the COXON Ministry of Internal Affairs of the Republic of Kazakhstan and international conferences;
- the results of the study are published in the peer-reviewed highly rated scientific publication

	<p>"Archaeological Research in Asia" (percentile - 91, Q-1) and "Oriental Studies" (percentile - 60, Q-1);</p> <p>– Interviews were also given for regional and regional newspapers and television.</p> <p>– As a conclusion of the work on the Ayagoz district, a "Set of archaeological monuments of the Ayagoz district of the Abai region" has been prepared.</p> <p>As a suggestion, we would like to add that 3 years is a very short time for research on this topic. Ayagoz district occupies the third place in the country in terms of area, and it is practically not studied archaeologically. Therefore, within the framework of this project, research work should last at least six years.</p>
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<p>List of publications with links to them</p>	
<p>Patents</p>	<p>Certificate of entry of information into the state register of rights to objects protected by copyright No. 40410 dated November 13, 2023 "Code of archaeological monuments of the Ayagoz district of the Abay region".</p>