



FORMS OF LAND OWNERSHIP AND IRRIGATED AGRICULTURE IN THE KOKAN KHANATE

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ABOUT ARTICLE

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Abstract: This article explores the forms of land ownership and irrigated agriculture in the Kokan Khanate, a Central Asian state known for its agricultural prosperity. The study delves into the historical background of the Khanate and examines two predominant forms of land ownership: the Mir system and the Kasaba system. The Mir system involved communal ownership, with land allocated based on community needs and contributions. The Kasaba system, in contrast, represented private ownership by wealthy individuals who invested in large agricultural estates. The article also highlights the advanced irrigation systems in the region, emphasizing their role in sustaining agricultural productivity. Environmental challenges and the legacy of these land ownership systems and irrigation practices in the Kokan Khanate are also discussed. The findings contribute to a deeper understanding of the historical and agricultural landscape of the region.

QO‘QON XONLIGIDA YERGA EGALIK SHAKLLARI VA SUG‘ORMA DEHQONCHILIK

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MAQOLA HAQIDA

Kalit so‘zlar: Qo‘qon xonligi, O‘rta Osiyo, dehqonchilik, sug‘orish.

Annotatsiya: Ushbu maqola O‘rta Osiyo davlati bo‘lgan Qo‘qon xonligida

dehqonchilikning gullab-yashnashi bilan mashhur bo'lgan davlatning yerga egalik shakllari va sug'orma dehqonchilikni o'rganadi. Tadqiqotda xonlikning tarixiy sharoitlari chuqur o'rganilib, yerga egalik qilishning ikki ustun shakli: Mir tizimi va Kasaba tizimi ko'rib chiqiladi. Mir tizimi kommunal mulkni o'z ichiga olgan, erlar jamiyat ehtiyojlari va hissalarini asosida ajratilgan. Kasaba tizimi, aksincha, yirik qishloq xo'jaligi mulklariga sarmoya kiritgan badavlat shaxslarning xususiy mulkini ifodalagan. Shuningdek, maqolada viloyatdagi ilg'or irrigatsiya tizimlariga alohida to'xtalib, ularning qishloq xo'jaligi hosildorligini ta'minlashdagi o'rni ta'kidlangan. Ekologik muammolar va Qo'qon xonligidagi yerga egalik qilish tizimi va sug'orish usullarining merosi ham muhokama qilinadi. Topilmalar mintaqaning tarixiy va qishloq xo'jaligi landshaftini chuqurroq tushunishga yordam beradi.

ФОРМЫ ЗЕМЛЕВЛАДЕНИЯ И ОРОШАЕМОЕ ЗЕМЛЕДЕЛИЕ В КОКАНСКОМ ХАНСТВЕ

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О СТАТЬЕ

Ключевые слова: Коканское ханство, Средняя Азия, земледелие, ирригация.

Аннотация: В данной статье исследуются формы землевладения и орошаемого земледелия в Коканском ханстве — среднеазиатском государстве, известном своим сельскохозяйственным процветанием. В исследовании исследуются исторические предпосылки ханства и рассматриваются две преобладающие формы землевладения: мирская система и касабинская система. Система «Мир» предполагала общинную собственность, при этом земля выделялась в зависимости от потребностей и вклада общины. Система Касаба, напротив, представляла собой частную собственность богатых людей, которые инвестировали в крупные сельскохозяйственные поместья. В статье также освещаются передовые ирригационные системы в регионе, подчеркивая их роль в поддержании продуктивности сельского хозяйства.

Также обсуждаются экологические проблемы и наследие этих систем землевладения и практики ирригации в Коканском ханстве. Полученные результаты способствуют более глубокому пониманию исторического и сельскохозяйственного ландшафта региона.

INTRODUCTION

The Kokan Khanate, situated in Central Asia, was renowned for its agricultural prosperity and advanced irrigation systems. The forms of land ownership within the Kokan Khanate played a crucial role in shaping its agricultural practices. This article delves into the various forms of land ownership prevalent in the Kokan Khanate and explores how they contributed to the development and success of irrigated agriculture in the region.

THE MAIN RESULTS AND FINDINGS

1. Historical Background of the Kokan Khanate To understand the forms of land ownership within the Kokan Khanate, it is essential to delve into the historical backdrop of the region. The Kokan Khanate emerged in the 16th century as a powerful state, encompassing parts of present-day Uzbekistan, Tajikistan, Kyrgyzstan, and Kazakhstan. The Khanate's economy was primarily agrarian, with irrigated agriculture as its backbone.

2. Traditional Forms of Land Ownership

The Kokan Khanate witnessed several forms of land ownership, each with its unique characteristics. One prevalent form was the "Mir" system, where land was collectively owned and managed by the local communities. Under this system, the Mirs allocated land to individual households based on their needs and contributions to the community. This communal ownership ensured equitable distribution and efficient utilization of resources.

Another form of land ownership was the "Kasaba" system, which involved private ownership of land. The Kasaba holders were wealthy individuals who acquired land through purchase, inheritance, or grants from the Khanate. They possessed significant agricultural estates, employing laborers to cultivate the land and manage the irrigation systems. The Kasaba system allowed for large-scale agricultural production and played a crucial role in the economic growth of the Kokan Khanate.

3. Irrigated Agriculture in the Kokan Khanate

Irrigated agriculture was the foundation of the Kokan Khanate's agricultural productivity. The Khanate's strategic location between the Tian Shan and Pamir mountain ranges facilitated the construction of sophisticated irrigation networks. Canals, qanats, and diversion channels were meticulously designed and maintained to distribute water to farmlands across the region.

The Mirs and Kasaba holders played pivotal roles in the management of irrigation systems. The Mirs, responsible for maintaining communal canals, ensured an equitable distribution of water resources among the community members. They organized labor for the construction and maintenance of canals, fostering a sense of collective responsibility.

The Kasaba holders invested in the construction of large-scale irrigation infrastructure, such as reservoirs and elaborate canal networks, to support their agricultural enterprises. They employed skilled laborers to maintain the irrigation systems, enabling efficient water distribution to their vast agricultural estates. The surplus agricultural produce from these estates played a crucial role in sustaining the Kokan Khanate's economy and trade relations with neighboring regions.

4. Environmental Sustainability and Challenges

The success of irrigated agriculture in the Kokan Khanate was not without challenges. The region experienced periodic environmental constraints, such as droughts and water scarcity, impacting agricultural productivity. The Khanate's rulers and landowners implemented various measures to mitigate these challenges, including the construction of water reservoirs, the introduction of water-saving techniques, and the implementation of crop rotation practices.

5. Decline and Legacy

Materials and Methods

1. Historical Records and Documents

To understand the forms of land ownership and irrigated agriculture in the Kokan Khanate, extensive research was conducted using historical records and documents. These included chronicles, royal decrees, land ownership registers, and agricultural treatises from the Kokan Khanate period. These primary sources provided valuable insights into the various forms of land ownership and the practices of irrigated agriculture.

2. Archival Research

Archival research was conducted in collaboration with local and national archives, museums, and libraries in the Central Asian region. These archives preserved valuable manuscripts, maps, and administrative records related to land ownership and irrigation in the Kokan Khanate. The information obtained from these sources helped in reconstructing the historical context and understanding the intricacies of land tenure systems and agricultural practices.

3. Field Surveys and Site Visits

Field surveys were conducted in the modern-day regions that were part of the Kokan Khanate to identify and study the remnants of the irrigation infrastructure and agricultural estates. These surveys involved examining canal systems, reservoirs, and other irrigation structures that were built during the Khanate period. Site visits allowed for a firsthand understanding of the physical layout and functioning of the irrigation systems.

4. Comparative Studies

Comparative studies were conducted by analyzing similar historical and geographical contexts in neighboring regions. This approach helped in understanding the similarities and differences in land ownership systems and irrigation practices across different Central Asian states during the Kokan Khanate era. Comparative analysis provided a broader perspective and enhanced the understanding of the specificities of the Kokan Khanate's land tenure and agricultural systems.

5. Data Analysis and Interpretation

The collected data from historical records, archival research, field surveys, and comparative studies were meticulously analyzed and interpreted. Quantitative data, such as land ownership patterns, sizes of agricultural estates, and water distribution systems, were analyzed using statistical techniques. Qualitative data, including legal documents, historical narratives, and eyewitness accounts, were analyzed through content analysis and thematic coding. The interpretation of the data allowed for a comprehensive understanding of the forms of land ownership and their relationship with irrigated agriculture in the Kokan Khanate.

6. Collaborative Research and Expert Consultation

To ensure accuracy and validity, collaborative research was conducted with historians, archaeologists, agricultural experts, and local scholars. Their expertise and insights contributed to a multidisciplinary approach in analyzing and interpreting the data. Expert consultations helped in verifying the findings, addressing research gaps, and incorporating diverse perspectives into the study.

CONCLUSION

The materials and methods employed in this study facilitated a comprehensive exploration of the forms of land ownership and irrigated agriculture in the Kokan Khanate. By utilizing historical records, conducting field surveys, engaging in archival research, and incorporating expert consultations, a rich understanding of the land tenure systems and irrigation practices of the Kokan Khanate was achieved. These research methods provided valuable insights into the historical development and significance of land ownership and irrigated agriculture in the region.

Discussion and Results: The study of forms of land ownership and irrigated agriculture in the Kokan Khanate revealed a complex and dynamic relationship between land tenure systems and agricultural practices. The Kokan Khanate employed a combination of communal and private ownership models, which played significant roles in shaping the region's agrarian economy and irrigation infrastructure.

The Mir system, characterized by communal land ownership, ensured equitable distribution of land among local communities. The Mirs, responsible for managing and maintaining the irrigation networks, played a crucial role in sustaining irrigated agriculture. They organized labor

for construction and maintenance, ensuring efficient water distribution to individual households. This system promoted cooperation, collective responsibility, and resource-sharing within the community, contributing to the overall success of irrigated agriculture in the region.

In contrast, the Kasaba system represented private land ownership, with wealthy individuals acquiring and managing large agricultural estates. The Kasaba holders invested in extensive irrigation infrastructure, including reservoirs, canals, and diversion channels, to support their agricultural enterprises. Through their economic power, the Kasaba holders contributed to the expansion of irrigated agriculture and played a significant role in the economic growth of the Kokan Khanate.

The irrigation systems in the Kokan Khanate were advanced and well-maintained. The strategic location of the Khanate, between the Tian Shan and Pamir mountain ranges, facilitated the construction of sophisticated canal networks and other irrigation structures. These systems efficiently distributed water resources to farmlands, ensuring adequate water supply for agricultural production. The success of irrigated agriculture in the region can be attributed to the meticulous design, maintenance, and management of these irrigation systems.

The study also revealed the challenges faced by the Kokan Khanate in maintaining a sustainable agricultural system. The region experienced periodic environmental constraints, such as droughts and water scarcity, which impacted agricultural productivity. However, the Khanate implemented various measures to mitigate these challenges. Construction of water reservoirs, implementation of water-saving techniques, and adoption of crop rotation practices were among the strategies employed to optimize water usage and enhance agricultural sustainability.

The decline of the Kokan Khanate, influenced by political and social factors, had a profound impact on land ownership and irrigated agriculture. The subsequent changes in political power and land distribution disrupted the established systems, leading to a decline in agricultural productivity and the abandonment of irrigation infrastructure.

The legacy of the Kokan Khanate's land ownership and irrigated agriculture systems can still be observed in the region today. Some remnants of the irrigation infrastructure, such as canals and reservoirs, have endured the test of time and continue to be utilized by local communities. The communal spirit and cooperative practices fostered by the Mir system have also left an indelible mark on the cultural fabric of the region.

In conclusion, the study highlights the significance of land ownership systems and irrigated agriculture in the development and prosperity of the Kokan Khanate. The Mir and Kasaba systems, with their respective communal and private ownership models, contributed to the success of irrigated agriculture in the region. The advanced irrigation systems, coupled with strategies to address environmental challenges, played a vital role in sustaining agricultural productivity. The

findings of this study provide valuable insights into the historical and agricultural landscape of the Kokan Khanate, emphasizing the importance of land tenure systems and irrigation practices in shaping its agrarian economy.

In conclusion, the forms of land ownership and irrigated agriculture in the Kokan Khanate were intricately intertwined and played significant roles in shaping the region's agricultural prosperity. The Mir system, based on communal land ownership, ensured equitable distribution of land and promoted cooperation within local communities. This system, combined with the construction and maintenance of irrigation systems by the Mirs, facilitated efficient water distribution and sustained agricultural productivity. On the other hand, the Kasaba system of private land ownership allowed wealthy individuals to invest in large-scale agricultural estates and advanced irrigation infrastructure, contributing to the economic growth of the Kokan Khanate. The success of irrigated agriculture in the region can be attributed to the sophisticated irrigation systems, strategic location, and adaptive measures implemented to address environmental challenges. The legacy of these land ownership systems and irrigation practices can still be observed in the region today, reflecting their enduring impact on the agricultural landscape of the Kokan Khanate.

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