

# Exploring the Empowerment of New Quality Productive Forces in Library Service Innovation

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**Abstract:** Service innovation enhancement constitutes a specific requirement for library development in the new era and serves as a crucial safeguard for advancing high-quality national reading initiatives. The empowerment of new quality productive forces (NQPF) in library service innovation can effectively elevate service efficacy, satisfy readers' diversified demands, and promote sustainable library development. Research on NQPF-driven service innovation represents a critical pathway for the transformation and upgrading of contemporary library services. This paper first provides a concise overview of NQPF, followed by an in-depth exploration of implementation strategies for NQPF-empowered library service innovation, aiming to offer references for enhancing service effectiveness and fostering sustainable library development.

**Keywords:** New Quality Productive Forces; Empowerment; Libraries; Services; Resources; Innovation

## 1. Introduction

NQPF represents a novel form of productivity distinct from traditional models, emphasizing technological innovation as the cornerstone in the digital and information age to transcend conventional growth paradigms and achieve high-quality development. The evolution of NQPF effectively propels societal advancement across sectors, including libraries — key institutions for knowledge dissemination that play vital roles in social development, cultural revitalization, and public literacy enhancement. Service innovation in libraries, mandated by contemporary demands, proves essential for meeting user needs and optimizing service efficiency. NQPF empowerment enables libraries to overcome traditional service limitations, expand

functional scopes, and realize personalized, intelligent service models, thereby elevating overall service quality. However, current library innovation efforts inadequately leverage NQPF's potential, resulting in sluggish progress. To enhance service standards and facilitate high-quality library development, intensified research and practical implementation of NQPF-driven service innovation are imperative.

## 2. Conceptual Overview of New Quality Productive Forces

First proposed by President Xi Jinping during his 2023 inspection tour in Heilongjiang Province, NQPF emphasizes innovation-led, technology-driven development that transcends traditional economic growth patterns. By integrating scientific and technological resources, NQPF fosters strategic advancements in emerging and future industries<sup>[1]</sup>. Compared to traditional productivity, NQPF exhibits higher technological sophistication, engagement with cutting-edge fields, and superior developmental quality, emerging from continuous technological innovation, deep integration of production factors, and industrial transformation. This concept reflects not only how high-tech innovations drive industrial progress but also how industrial upgrading generates new competitive advantages, expands developmental spaces, and secures developmental (developmental agency). From an economic perspective, NQPF signifies a successful transition from traditional productivity, enhancing efficiency, quality, and sustainability while reducing resource consumption. It serves as a pivotal driver for sustainable innovation across national economic, technological, and cultural domains in the new era.

## 3. Strategies for NQPF-Empowered Library

## Service Innovation

### 3.1 Constructing High-Quality Collection Resource Systems

Under the empowerment of new quality productivity, libraries should pay attention to the construction of high-quality collection resource system in the process of service innovation, which can provide good resource guarantee for providing better knowledge and cultural services. Specifically, the following measures can be taken to build a high-quality library collection resource system under the empowerment of new quality productivity: first, build a diversified collection system. On the basis of further enriching and improving the traditional paper resources, the library should strengthen the development and construction of digital resources in the library. The types of resources include e-books, audio and video, journals, databases, etc., so as to realize the construction of a diversified collection resource system and provide good resource guarantee for the library to better carry out various services<sup>[2]</sup>. In the construction of diversified collection resources system, we should pay attention to improving the effectiveness and authority of library resources, which can ensure the high quality and timeliness of digital resources, and provide users with authentic, accurate, complete and reliable collection resources. Second, build a brand of characteristic resources. In the process of building a diversified collection system in an all-round way, the library should also pay attention to the excavation of library characteristic resources, be able to create a resource brand with local characteristics, and improve the characteristic resource library, so that the library can reflect its unique advantages in resource construction. Specifically, the library can fully excavate and integrate local literature, resources, etc., and digitize them, so as to establish a relatively complete database of local characteristic literature, and provide convenience for users to access local characteristic literature. At the same time, the library can also regularly carry out characteristic collection exhibitions, which can form a characteristic resource promotion system matching with the characteristic resource library, so as to enhance the popularity and influence of the library's characteristic resources, and build the brand of

the library's characteristic resources.

### 3.2 Innovating Intelligent Service Integration Models

Under the empowerment of new quality productivity, in the process of service innovation, the library should use intelligent technology to conduct in-depth analysis of user needs, and perfectly integrate user needs and service design, so as to develop innovative intelligent service mode and improve the service efficiency of the library. Libraries should integrate new technologies to mine data information such as users' preferences and behaviors, and formulate personalized service plans according to users' actual needs. Specifically, the following measures can be taken.

First, understand user behavior and preferences. With the empowerment of new productivity, the library can make full use of big data technology to conduct in-depth mining, collation and analysis of user data. With the help of data monitoring and data analysis tools, the library can conduct comprehensive collation and in-depth analysis of the user's browsing records, access time, search records, borrowing records and other related information and data, so as to accurately grasp the user's reading interest, behavior habits and reading needs. Through the use of the results of user information analysis, the library collection structure is further optimized and adjusted to improve the utilization rate of resources, and provide reliable information support for the development of personalized services in the library. The library uses data analysis tools to accurately identify the needs of different user groups. Specifically, it can analyze the differences from age, occupation, education level and other aspects, so as to master the differences in the needs of different groups and lay a good foundation for the follow-up personalized service.

The second is to develop personalized services. Through the early grasp of user behavior, preferences and other information, the library uses machine learning technology and natural language processing technology to build a personalized recommendation system to recommend personalized reading resources and provide personalized reading services for users, so as to improve the service quality of the library and improve users' satisfaction with

the service.

Third, establish a sound user feedback mechanism. The library should strengthen the construction and improvement of the user feedback mechanism in the intelligent financial service mode. Through user feedback, the library staff can more comprehensively understand and master the needs of users, timely discover the problems existing in the library service, and carry out targeted adjustment and rectification, so as to realize the continuous innovation and optimization of library service. The library should broaden the feedback channels in the construction of user feedback mechanism. Specifically, it can comprehensively collect and sort out users' feedback opinions and suggestions through online surveys, offline questionnaires, online comment areas, organizing users to participate in social media interactions, setting up customer service hotlines and other ways and channels. The library should respond to users' feedback information in a timely manner, and implement it in the improvement and innovation of library services, so as to continuously optimize library service functions, expand service scope, and improve service quality<sup>[3]</sup>.

### 3.3 Developing Cross-Sector Collaborative Service Models

In the process of enabling library services by new quality productivity, we should also pay attention to making good use of the advantages and characteristics of new quality productivity, developing cross-border collaborative service mode, so that library services can go out of the library, go deep into the grass-roots groups, further expand the scope of library services, and improve the efficiency of library services. Specifically, in the cross-border collaborative service mode, libraries can carry out cross-border cooperation with the following subjects: first, libraries and schools carry out cross-border cooperation. Libraries can communicate with local schools at all levels, reach a consensus on cooperation, establish a long-term and stable cooperation mechanism, integrate the resources of libraries and schools, realize the complementary advantages of both sides in resources, and design and carry out library school cooperation service activities on the basis of resource sharing and collaborative cooperation. For example, libraries can provide

schools with high-quality digital resources, books, databases, etc. according to the needs of school education and teaching and students' learning and development needs, provide students with good virtual reading space, and regularly organize students to participate in a variety of reading activities, so as to better serve the development of local education and teaching, and cultivate students' good reading literacy [4]. The second is the cross-border cooperation between libraries and communities. The library can cooperate with local communities, set up book flow stations and digital reading experience areas in the community, and arrange professional library service personnel to be responsible for community knowledge and culture services. In this way, library services can enter the community and thousands of households, so that more community residents can enjoy the high-quality services of the library at home, and participate in the rich and diverse cultural activities organized by the library, so that community residents can gradually form a good reading awareness and continuously improve the cultural literacy of community residents. Specifically, in the process of cross-border collaborative services in the community, the library can carry out community parent-child reading activities, cultural lectures and community reading clubs for the elderly, so as to effectively enrich the cultural life of the community and improve the service efficiency of the library. In the development and practice of cross-border collaborative service mode, libraries should try to cooperate with more subjects, such as museums, medical industry, tourism industry, agriculture and forestry economy, so as to realize the penetration of library services into various fields and boost the rapid development of various fields under the empowerment of new quality productivity.

### 4. Conclusion

To sum up, library service innovation enabled by new quality productivity is an important measure to effectively improve the service level of Library and promote the sustainable and healthy development of Library in the new era. Libraries should give full play to the advantages of new quality productivity, build a high-quality collection resource system, innovate the intelligent financial service mode, and actively develop and apply the cross-

border collaborative service mode, so as to effectively promote the innovative development of library services. In the future research on library service innovation, we should further strengthen the research on the enabling measures of new quality productivity, which can continuously promote library service innovation with the development of new quality productivity, better play the library's knowledge and culture service function, and provide service guarantee for cultural construction and nationwide reading.

### References

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