Research on the Co-construction and Sharing of Ancient Books Digital Resources in University Libraries Against the Background of Guangdong-Hong Kong-Macao Greater Bay Area

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Abstract—The construction of cultural community based on the background of Guangdong, Hong Kong and Macao Great Bay Area can not only give full play to its politics social and economic values, but it has great significance for the development and construction of regional culture. As an important means of cultural communication, libraries play a great role in the process of realizing the sharing and co-construction of cultural resources. In recent years, university libraries have devoted more efforts to the digitization of ancient books, based on the background of Greater Bay Area, Guangdong, Hong Kong and Macao. This paper explores the necessity of digitalization of ancient books, and from the perspective of co-construction and sharing of university libraries, analyzes the guiding significance of digitization of ancient books to the construction of university libraries.

Keywords—Guangdong, Hong Kong and Macau Bay Area; digitalization of ancient books; co-construction sharing

I. INTRODUCTION

As a country with a history of five thousand years of culture, Ancient books are the great cultural finances that the sages left for our children and grandchildren. It is the cultural crystallization of the development of civilized society to this day. It shows modern people the history, and it is a bridge between modern and ancient spiritual communication. The construction of ancient books resources in university libraries not only cultivates the cultural sentiments of the teachers and students of the whole school, but also enhances the cultural heritage and connotation of the entire school and strengthened the national identity and pride of the teachers and students. At present, China is vigorously developing the coordinated development of the economy of Guangdong, Hong Kong and Macao Greater Bay Area. With the rapid development of information technology and the continuous deepening of college education reform, taking the Greater Bay Area of Guangdong, Hong Kong and Macao as a regional scope to develop the informationization of ancient books in college libraries and to realize the co-construction and sharing of resources, this promotes traditional culture, and guarantee the stable development of the economy of Guangdong, Hong Kong and Macao. Carrying forward the national spirit is of great significance.

II. THE STATUS QUO OF ANCIENT BOOKS RESOURCES OF UNIVERSITY LIBRARIES IN GUANGDONG, HONG KONG AND MACAO

A. Ancient Books Resources of University Libraries in Greater Bay Area, Guangdong, HonKong and Macao

China's university libraries in Guangdong, Hong Kong, Macao and Greater Bay Area have a large amount of ancient books resources, with high quality. China's Guangdong, Hong Kong and Macao Greater Bay Area have a long history and culture. There are also several historic universities. The library collections of these universities are extremely rich. Not only is it grand, the content is also all-encompassing and designing many subject areas, and this is the precious wealth that has been accumulated over the past 100 years of development in the universities of Guangdong, Hong Kong and Macao. In these numerous collections of ancient books, there are many treasured collections. It is not only valuable for studying the history of China, but also for research. It is also very collectible, taking the "National Precious Ancient Books List" published by the State Council as an example (as of the fifth batch), more than 600 ancient books have been selected by the university libraries of Guangdong, Hong Kong and Macao, accounting for about a quarter of the total number of colleges and universities in the same country. It is an important area for the collection of historical ancient books in China.

B. The Status Quo and Problems of Ancient Books Protection in University Libraries in Guangdong, Hong Kong and Macao

First of all, the current professional library of the protection of ancient books in the university libraries of Guangdong, Hong Kong and Macao is insufficient. As a traditional craft, the repair of ancient books is low in colleges and universities, since occupation is unpopular, and work is

boring. The talents in the field of ancient books restoration have been dying and the loss has been severe. Many ancient books repairing schools have been lost.

Second, the digitalization of ancient books in universities in Guangdong, Hong Kong and Macao is not perfect. Although Guangdong, Hong Kong, Macao and Greater Bay Area are at the forefront of economic development in China, The initial stage is earlier, but the digital construction of university libraries is still in its infancy. The preservation and protection of classical books is greatly threatened. The treasures of these Chinese cultures are being threatened.

Third, the university libraries of Guangdong, Hong Kong, Macao and Greater Bay Area have paid insufficient attention to the protection of ancient books. At present, the storage conditions of ancient books in the university libraries of Guangdong, Hong Kong and Macao are poor. Most books have experienced aging and sourness. Many of the more precious ancient books are not able to be classified. Different from ordinary books for collection, the direct cause of these phenomena is that most university libraries in Greater Bay Area of Guangdong, Hong Kong and Macao cannot pay enough attention to the collection and maintenance of ancient books. Work systems and processes are not standardized enough.

III. THE NECESSITY OF DIGITALIZATION OF ANCIENT BOOKS IN UNIVERSITY LIBRARIES IN GUANGDONG, HONG KONG AND MACAO

A. An Overview of the Digital Construction of Ancient Books in University Libraries

The fundamental purpose of digital processing of the ancient books of university libraries is to use and protect ancient books. It is urgent to modernize and process these ancient books, even convert paper texts from ancient books into a modern literature database. To realize the process of sharing and sharing classical resources, it is also to bring the valuable knowledge contained in classical books to serve the society. The digitalization of the ancient books of the university libraries in Guangdong, Hong Kong and Macao has the following advantages:

First of all, it can help college libraries to effectively protect ancient books. Paper ancient books are a non-renewable cultural heritage. The process of its use is contrary to the purpose of protection. And digitizing ancient books will solve this problem perfectly. It can also help university libraries to fulfill their important responsibilities in the protection of ancient books.

Secondly, it can help colleges and universities in Guangdong, Hong Kong and Macao to build campus culture. Traditional culture is the cornerstone of the cultural heritage of colleges and universities. It is also an effective means of building campus culture. The digital construction of classical books can help colleges and universities to more effectively spread and promote Chinese traditional culture. It will bring unprecedented promotion to the construction of campus culture.

Thirdly, it can help the universities in Greater Bay Area of Guangdong, Hong Kong and Macao to improve the level of scientific research. Colleges and universities are based on teaching and educating people. Classical literature resources provide an important guarantee for the cultural construction of colleges and universities. The digital construction of the library makes the interactive circulation and retrieval of documents more convenient, and provides a more efficient consulting environment for cultural researchers and educators.

B. The Necessity of Digitalization of Ancient Books in University Libraries in Guangdong, Hong Kong and Macao

First of all, the digital construction of ancient books in college libraries can help the library under the limited space and practice restrictions. It is more responsive to the teachers and students of colleges and universities for the knowledge and resources of ancient books. Today, with the rapid development of the information society, only the informationization of ancient books is carried out. It is only to better personalize the information obtained by people.

Secondly, the digital construction of ancient books in college libraries can help university libraries to realize the modernization process. The digital construction of ancient books in university libraries can bring more diversified service methods and service means to people. While giving full play to the value of ancient resources it can also work with other digital programs in the library to realize the interaction, synchronization and sharing of information resources, and promote the modernization of university libraries.

Thirdly, the digital construction of ancient books in college libraries can help the universities in the Greater Bay Area of Guangdong, Hong Kong and Macao to achieve cultural sharing and classical knowledge sharing among them. It can help Guangdong, Hong Kong, Macao and Greater Bay Area achieving regional cultural development and construction, in order to realize the construction of the original ecological protection system of ancient books in the region.

IV. THE CONSTRUCTION OF DIGITAL RESOURCES FOR ANCIENT BOOKS OF UNIVERSITY LIBRARIES IN GREATER BAY AREA, GUANGDONG, HONG KONG AND MACAO

As a kind of precious literature, most of the ancient books in the Greater Bay Area of Guangdong, Hong Kong and Macao are collected by major university libraries in the region. In view of this actual situation, it is necessary to formulate the corresponding digital resources sharing construction of ancient books. Interconnected, scientifically coordinated, shared and shared, the university libraries should take the expansion of social and cultural resources as a fundamental requirement, overall plan the material resources of major universities, financial and human resources and realize the digital construction of university libraries in Guangdong, Hong Kong and Macau.

A. Self-implementation of Digital Construction of Ancient Books Resources

University libraries, in combination with their own collection advantages, digitally process their own ancient books resources and documents. Colleges and universities need to configure the corresponding computer hardware for the requirements required in the digitization process, NAS storage, application, scanners, digital video cameras, and related system software, etc. And storing the digital documents after reading, organize, archive and manage, in this process, professional digital system management personnel should be used to operate in order to avoid mistakes in document entry.

B. The Digitization of Ancient Books Should Be Carried out in Cooperation

The digital construction of ancient books in college libraries should be combined with the guidelines and policies for the sharing of resources within the region. All university libraries must realize the sharing of ancient books and resources, and conduct business collaboration with IT service providers in the region, to realize the digital construction of ancient books in the Greater Bay Area of Guangdong, Hong Kong and Macao. Universities must also integrate their own resource strength and external technology with its own technical equipment and means to cooperate and build together with IT service providers.

C. Combining Network Literature Resources to Optimize the Digital Construction of Ancient Books

The digitization of ancient books resources in colleges and universities is the basis for the digital construction of ancient books in college libraries. But not all, colleges and universities also need to combine network information resources as supplementary resources for the digital construction of ancient books. This is also an important source of information for information services. University libraries should build an information service platform in the digitalization of ancient books. Supported by authoritative and recognized online ancient resources at home and abroad, establishing hyperlinks on local websites to promote the rational flow of ancient information resources, users can interact with any system anytime, anywhere, and truly realize information exchange and resource sharing.

D. Strengthening the Construction of Digital Talent Team in University Libraries

The digital construction of ancient books in college libraries is a systematic project. It requires professional talent to be able to achieve it. As the key to the construction of digital projects affecting ancient books, the quality of the talent team directly determines the success of the digital resource sharing construction of ancient books in college libraries. Therefore, university libraries should strengthen the team building of digital talents. In applications with modern information technology capabilities, at the same time, it is necessary to have the corresponding talents of ancient books and finishing skills. The construction of digital resources for ancient books is a complicated and important task.

University libraries need to continuously improve the business ability and cultural level of the digital talent team. Only in this way can the digital construction of the ancient books in Greater Bay Area of Guangdong, Hong Kong and Macao be guaranteed.

V. CONCLUSION

The regional economic integration construction and cultural integration construction of Guangdong, Hong Kong, Macao and Greater Bay Area are inseparable. In order to better demonstrate the cultural cooperation and economic cooperation of Guangdong, Hong Kong and Macao Greater Bay Area, it is necessary to strengthen regional cultural construction. In the background of Guangdong, Hong Kong, Macao and Greater Bay Area, the construction of ancient books resource sharing in college libraries can help to achieve better cultural communication and cultural propaganda in the region. Therefore, the digital construction of the ancient books of university libraries is particularly important. At the same time, it is also an important development direction for the construction and sharing of cultural resources in the Greater Bay Area of Guangdong, Hong Kong and Macao.

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