

■ *Taiwan e-Learning & Digital Archives Program (2009~2012) –Digitization of Core Taiwan Studies Resources Program*

The National Central Library (NCL) proposed the "Digitization of Core Taiwan Studies Resources Program" on the foundation of the first phase of the National Digital Archives Program (NDAP) to augment source material as core resources for Taiwan studies.

1. Program Objective

1) Promote digital content on Taiwan's culture, society, and natural environment: Collection items planned for digitization will include local documents, artistic and cultural posters, periodicals, newspapers, and major books, bronze and stone rubbings, classic Buddhist and Daoist manuscripts, Lunar New Year paintings and other resources from Taiwan that present a diverse view of Taiwanese culture and society.

2) Enhance the quality and scale of the national digital archive materials with an aim of adding value: Subject databases and image database can be jointly produced into CD/DVD application products for instructional or research use. The library also plans to cooperate with producers of creative products to publish value-added products.

3) Increase opportunities and channels for public participation in digital archives: Apart from government agency plans and open submission request plans, the library will assist cross-organization cooperation with public and private organizations and private archives.

4) Promote digital archive work experience and work standards: The library will assist with the formulation or promotion of general principles for digital scanning, metadata format standards and digital image quality restriction standards.

5) Promote resource and experience sharing to

reduce the cost of building digital archives

2. Project Implementation Strategy and Content

1) Establishment of a Taiwan Studies Subject Database: The NCL will utilize the results of the first phase of the NDAP and try to secure copyright authorization for the use of various source materials. Various databases with bilingual fields will be established within five years on the basis of resources on Taiwan's 319 townships. The library will also build subject databases independently or in cooperation with outside experts and scholars. In addition, the library will integrate other Taiwan study subsystems to provide related source material and additional reading material for local studies at various school levels; expand online resources for Taiwan studies; and promote personalized services on designated topics so as to encourage interest in Taiwan studies.

2) Digitizing Taiwan local documents: The NCL will continue to digitally convert Taiwan-related resources in its collection and about 100 types of core academic journals published in the Taiwan area. It also plans to cooperate with domestic libraries, providers of literary and historical information, and collection organizations. In recent years, the library has also been actively seeking out difficult-to-obtain local artistic, cultural and historical resources, posters and other materials for digitization.

3) Digitizing important books and documents, classic Buddhist and Daoist manuscripts, bronze and stone rubbings, Lunar New Year prints, and other valuable Taiwan resources in the NCL collection: On the basis of the digital content established in the first phase, the NCL will continue to digitally convert important books and documents, classic Buddhist and Daoist manuscripts, bronze and stone rubbings, Lunar New Year prints, and other Taiwan resources in its

collection. These digital resources will be published as CD/DVD products for public use. The library will also cooperate with producers of creative products to publish value-added products.

4) Digitizing Taiwan periodicals:

On the basis of the digital content established in the first phase, the NCL will complete within five years the digital conversion of about 500 types of periodical and about 20 types of newspaper published in the Taiwan area.

3. Anticipated Benefits

The anticipated benefits of the program are as follows:

1) Academic Benefit

1. Producing a catalog on Taiwan studies resources
2. Providing an important source material for local studies instruction
3. Providing online access to resources in the NCL Special Collection
4. Increasing awareness of Taiwan in conjunction with government policies; enhancing technical and experience sharing and exchange related to various digital archive plans and fostering talent in digital archiving
5. Significantly reducing use of original materials to enhance collection preservation
6. Enhancing the preservation of heavily used periodicals and newspapers and providing major libraries with wider access to these materials

2) Economic Benefits

1. Promote business investment, create substantive business opportunities, and create job opportunities
2. Digitization collection results can provide a foundation for the development of

Taiwan's knowledge economy.

3) Social Influence

1. Enable integrated searches of NCL databases and other databases and extend the scope of digital services
2. Promote an integrated platform for periodical delivery services to facilitate and increase public access to these resources
3. Provide digital image resources on Taiwan local documents, provide source material for local studies, and reduce the urban-rural digital divide.

Special Report

■ *National Central Library Web Archive Taiwan Project*

Network resources have become an important channel of information in our present day. Its richness and diversities can provide the general public with their need to search for information and for the academic world, research and references. It is therefore necessary to carry out the preservation of website content from the point of view of resource conservation and assistance to scholarly research. Today, "web archive" has become a task undertaken by national libraries of countries in documents conservation. In the process of carrying out national documents conservation, "web archive" is an important responsibility that cannot be ignored. Considering the above-mentioned reasons, the National Central Library, in the year 2007, started to establish the National Central Library Web Archive Pilot System.

The System regularly collects website materials and according to the time of collection establishes specific conservation edition saving it