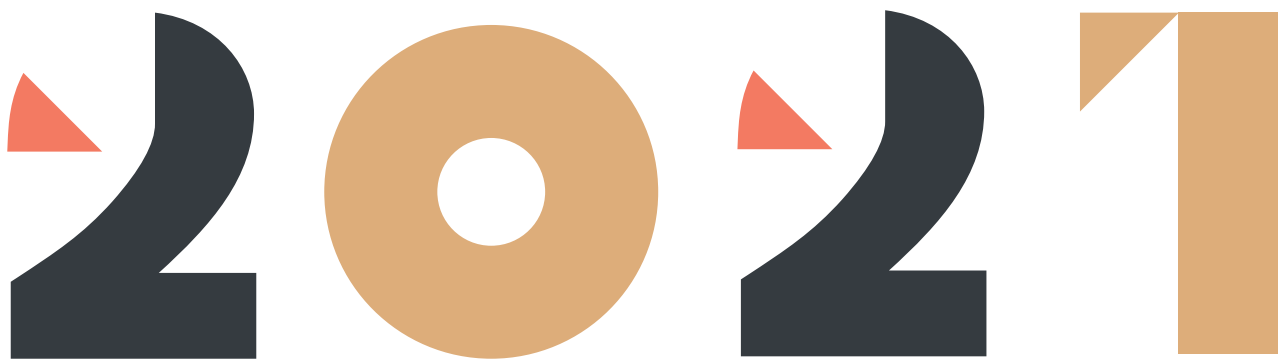


# NATIONAL LIBRARY OF KOREA ANNUAL REPORT 2021



# **NATIONAL LIBRARY OF KOREA ANNUAL REPORT 2021**



**NATIONAL LIBRARY  
OF KOREA  
ANNUAL REPORT  
2021**

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The logo for the year 2021 is displayed in a stylized font. The digits '2' and '2' are dark blue, while the '0' and '1' are a golden-yellow color. The '0' has a small dark blue circle in the center. The '1' has a small dark blue triangle at the top left. A thin horizontal golden-yellow line extends from the right side of the '1' across the top of the page.

2021

**NATIONAL LIBRARY  
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## Forward

The National Library of Korea makes this annual report available to the world which has recorded its key performances for the year covering 2021. Under the reorganization, the library publishes such a report in the hope of utilizing this annual report to establish the policies of Korea's library and develop the future services of all national libraries at different levels in addition to noting valuable historical archives and records.

The National Library of Korea is confident in serving its fundamental role to represent the nation actively leading the digital transformation era as best as the library can even amid the drawn-out process of COVID-19 which wreaked havoc in the previous years. Everyone may be aware of the importance of change and innovation, but the actual practice of implementing it remains an incredibly difficult practice. However, the National Library of Korea carries out our mission of collecting, holding, and connecting national information while maintaining the center of the rapidly and diversely changing knowledge and information ecosystem.

When arranging the performance of an organization, you must follow a process of introspection for development and growth. It is comprised of both inadequate and difficult achievements. The National Library of Korea continuously presents itself as the representative library of the nation with such stepping stone.

Hope you will continue to offer your valued interest and support.

**Suh Hye-Ran**

Chief Executive, National Library of Korea





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## Key Performance in 2021

### 1. Reorganization

#### 1.1. Background

The National Library of Korea has the obligation to acquire, register and preserve the materials of all libraries produced in Korea, and to pass them to the next generation as the library representing the nation, and as such contributes to establish a knowledge society as the current generation utilizes this valuable information. Such key roles are the 'Acquisition, Registration and Preservation of National Collections' and 'Public Service'.

The existing organization of the library was inefficient that the acquisition and cataloging of the online resource was conducted in 3 divisions (Material Acquisition Division, Metadata & Sustainable Access Division, Digital Planning Division) and public service was conducted in 2 divisions (Material Management Division, Digital Information Division).

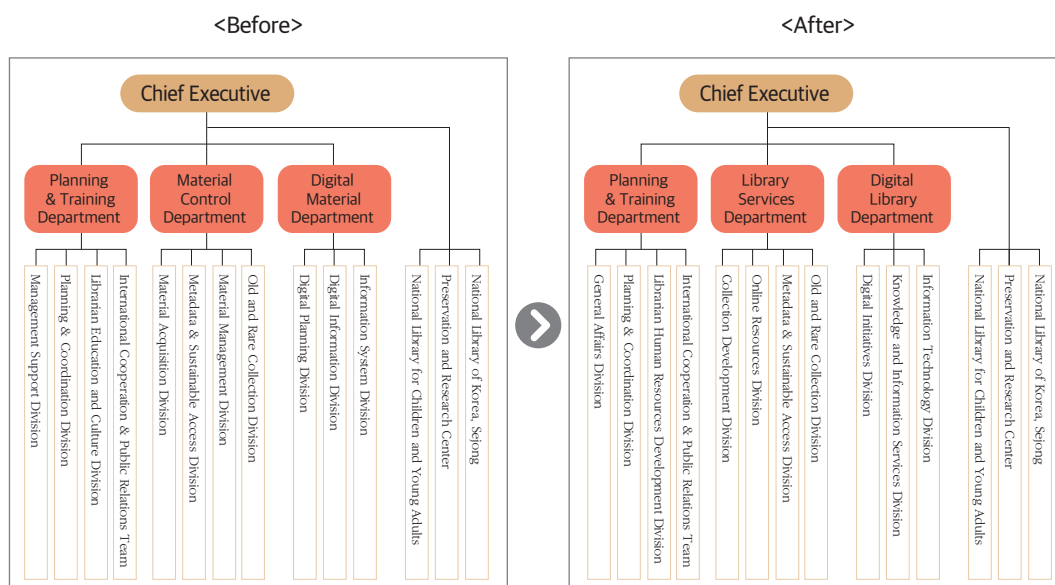
To improve such issue, the National Library of Korea carried out the reorganization process in September 2021 with the aim of unifying dispersed works to 1 division and remove the inefficient similarities and duplications from other works. In addition, it arranges the future-oriented base which can carry out new roles as well as strengthening the existing key roles of the library.

#### 1.2. Reorganization

The National Library of Korea maintains the existing organization of 3 departments, 10 divisions and 1 team 2 libraries and 6 divisions and 1 research center and promotes the reorganization of changing the name of the departments or divisions, unifying them and establishing new ones. Firstly, the names of the department and divisions are changed from the 'Material Control Department' and 'Digital Material Department' to the 'Library Services Department' and 'Digital Library Department' in the department unit and from the 'Management Support Division', 'Librarian Education and Culture Division', 'Material Acquisition Division', 'Digital Planning Division' and 'Information System Division' to the

‘General Affairs Division’, ‘Librarian Human Resources Development Division’, ‘Collection Development Division’, Digital Initiatives Division’ and the ‘Information Technology Division’ in the division unit, respectively. In addition, the ‘Online Resources Division’ is newly established and the ‘Material Management Division’ and ‘Digital Information Division’ are unified to the ‘Online Resources Division’ that leads to unifying the work of the online resource acquisition and registration and the online resources and offline material service. It is shown in <Table 1-1> as follows.

<Table 1-1> Reorganization



3 Departments & 10 Divisions & 1 Team, 2 Libraries & 6 Divisions, 1 Research Center

### 1.3. Role Adjustment

Individual organization and departments appropriately adjust their roles and functions for the efficient operation of the organization. The ‘Exhibition Projects’ in the Planning & Coordination Division and the ‘Library Cultural Events and Culture Promotion Program’ in the Librarian Human Resources Development Division (the former Librarian Education and Culture Division) are transferred to the International Cooperation & Public Relations Team. The ‘Exchange of Library Materials’ of the International Cooperation & Public Relations Team is transferred to the Collection Development Division (the former Material Acquisition Division). The ‘Online Resource’-related work dispersed to the Collection Development Division (the former Material Acquisition Division), the Metadata & Sustainable Access Division and the Digital Initiatives Division (the former Digital Planning Division) is unified to the newly established Online Resources Division. The former Material Management

Division and Digital Information 14 National Library of Korea Annual Report 2021 Division served the 'Offline Material Service' and 'Digital Material Service' which is unified to the Knowledge and Information Services Division.

#### 1.4. Intensive Work

The 'modern literature materials' work served by the Knowledge and Information Services Division (the former Material Management Division) is now transferred to the Old and Rare Collections Division and instead, expands its scope as the 'acquisition, registration, usage, explanation, research and others of modern materials'. In addition, the diverse works are established as follows : 'domestic and overseas cooperation for national collection development', 'the discovery of library data and the establishment and implementation of the conversion service of new technology', 'the research and development of the next-generation digital library' and 'the opening and sharing of the library's digitized materials'.

## 2. National Knowledge Resource Repository

### 2.1. The Collection of 13,000,000 volumes

The National Library of Korea inclusively acquires and preserves publications and all sorts of knowledge information issued in Korea, systematically arranges such information and provides them to the public as a national knowledge resource repository since it was established in 1945.

Under Article 20 (Legal Deposit of Library Materials) of the 「Library Act」, the library collects a total of 366,617 volumes of 144,762 general books, 29,006 non-books, 45,030 official publications, 3,193 grey literatures, 60,912 theses and dissertations, 83,714 periodical publications (books and non-books) published (produced) in Korea as legal deposit copies and provides reasonable compensation for materials for sale according to the compensation procedures of the library materials.

In particular, to promote legal deposit of official publications the library actively promoted legal deposit by conducting survey on the current status of publications targeted on affiliates of the Ministry of Culture, Sports and Tourism and consults legal deposits for the public organizations of the Korea Culture & Tourism Institute and others under the Ministry of Culture, Sports and Tourism. It leads the way in raising the awareness of the legal deposit and acquisition of official publications and strengthens both communication and cooperation to collect the materials of humanities, culture and arts on time.

Also, the library amends and publishes the 「Collection Development Guidelines」 to provide the standards of collection development and preservation management that includes the affiliation changes of the National Library for the Disabled and the results of 'A Research on the Collection Development Policies for Foreign Materials' and others. The library has a plan that continuously amends the collection development guidelines suitable to the environmental changes of the library materials in the future.

The National Library of Korea collects the diverse materials published and produced at home and overseas by purchase to dutifully fulfill the role as a national knowledge information center. In 2021, the library purchases and registers 9,199 volumes out of 26,471 volumes of the academic research materials published in foreign countries on the basis of recommendations from the members of foreign materials recommendation (274 people) to support research and search activities of the public and purchases and registers 1,291 general books and 1,620 periodical publications through the public offering for the uncollected materials in Korea as one of the projects to expand national collections.

In addition, the library has selected and collected the foreign government publications, academic journals, diverse statistics, international organization publications and others through exchange and deposit with domestic and overseas key libraries, international academic and research institutes and international organizations, collected 930 books, 1,043 periodical publications and 605 non-books by exchange and deposit of international materials in 2021.

The National Library of Korea receives donations of the previously uncollected materials before and after the implementation of the 「Library Act」 in 1965 as the national library which collects materials published in Korea and passes and preserves them for the benefit of the next generation.

In 2021, the library received donation of a total of 61,286 volumes that registers 18,481 volumes to the collection of the National Library of Korea with the aim of permanently preserving them and re-donated 35,537 volumes to 44 libraries including small libraries, military libraries and other institutions with low finance. Additionally, the library attracts individual collections that discovers and collects the rare materials of continuity, scripts, Daedongyo-jido (大東輿地圖) and others.

The National Library of Korea originally held the collection of 280,000 volumes in 1945 and since then it has increased the collection to 5,000,000 volumes and 10,000,000 volumes in 2004 and 2015, respectively, and as a result, achieved 13,000,000 volumes in 2021 to mark the 76th anniversary after opening. It is the fruit of the mission that the National Library of Korea has collected the intellectual and cultural heritages of Korea without any exception, has preserved them and has passed them to the next generation.

While celebrating the achievement of 13,000,000 volumes, the library restores and digitizes the 'Librarian's Daily Log (司書部日誌)' of the historical materials discovered in

the repository of the National Library of Korea and publishes the 『Librarian's Daily Log (司書部日誌)』 with explanation.

The 『Librarian's Daily Log (司書部日誌)』 is a daily work log in which the librarians of the National Library of Korea conduct and record their works from post-liberation to 1954. The 『Librarian's Daily Log (explanation)』 is published to celebrate the achievement of 13,000,000 volumes that includes the logs that cover the year of 1948.

This librarian's daily log is recorded without ever missing a day under the expert eye of the 5 directors of 5 divisions under the Librarian Department centered on the Chief Executive Lee Jae-Uk and Vice-Chief Executive Park Bong-Seok (head of the librarian department) to resolutely maintain the librarian mission without being emotionally stirred in the face of the fiercest political status and the Korean War in the space of liberation after 1945, which is a highly valuable historical material for the future-oriented library development.



[Fig. 2-1] 『Librarian's Daily Log (司書部日誌)』 to Celebrate the Achievement of 13,000,000 Volumes

## 2.2. The Achievement of the Digital Collection of 18,000,000 volumes

The National Library of Korea has attempted to expand the national digital collection through the digitization project which is the legal deposit and acquisition of online resources, OASIS (Online Archiving & Searching Internet Sources), the discovery of overseas materials of Korea, the database construction of the materials collected and others, and as a result, has achieved the digital collection of 18,000,000 volumes as of December 2021. The current collection of online resources is shown in <Table 2-1> and <Table 2-2> as follows.

<Table 2-1> The Current Collection of Online Resources by Acquisition

(As of Dec. 31, 2021 / In a Volume)

Collected Source	Legal Deposit	Donation	Self-Production	Self- Acquisition	Total
Volume	582,895	3,106,974	10,212,340	4,272,705	18,174,914

\* Self-Production = Materials independently produced by the National Library of Korea through the digitized project and others

<Table 2-2> The Current Collection of Online Resources by Material Type

(As of Dec. 31, 2021 / In a Volume)

E-book	E-Journal	E-Newspaper	Audio	Video	Image
1,218,757	5,065,692	1,803	510,281	45,677	232,307
Website	Digitized Materials	Overseas Archive	Old and Rare Materials	Alternative Material for the Disabled	Total
886,088	10,104,898	40,359	17,983	51,069	18,174,914

The National Library of Korea receives legal deposit copies and acquires the online resources with ISBN and ISSN and the digital materials of the government publications issued by the governmental organizations under the Presidential decree as well as the national and local organizations under Article 20 (Legal Deposit of the Library Materials) of the 「Library Act」 amended and implemented in 2016. The library acquired 151,788 volumes of e-books, e-journals, audio books, official publications, theses and dissertations and others through legal deposit in 2021.

<Table 2-3> The Legal Deposit Status of Online Resources in 2021

(As of Dec. 31, 2021 / In a Volume)

E-book	E-Journal	Official Publication	Thesis	Audio	Total
23,406	64,025	27,019	32,883	4,455	151,788

Out of the legal deposit-required materials, the library selects and acquires the materials with high value of preservation from the online resources served in Korea under Article 20-2 (Collection of Online Materials) of the 「Library Act」. The library acquired 264,331 volumes of e-books, e-journals, videos, images, websites, alternative materials for the disabled and others in 2021.

<Table 2-4> The Acquisition Status of the Online Resources in 2021

(As of Dec. 31, 2021 / In a Volume)

Source	Type	Volume
Donation	E-Book	321
	E-Journal	25,303
Self-Collection	E-Book	21,037
	E-Journal	47,592
	Audio	25,348
	Video	9,205
	Image	19
	Website	128,438
	Alternative Material for the Disabled	7,068
Total		264,331

In addition, the National Library of Korea establishes and operates the ‘Book Receipt Support Center of the National Library of Korea’ on the first floor of the Forest of Wisdom in the Pajubookcity, Gyeonggi-do from July to December 2021 to promote legal deposit of online resources. The plan is to consult legal deposits of e-books and notify the importance of legal deposit of online resources to publishers who entered Pajubookcity. The National Library of Korea attempts to build a legal deposit system of online resources by continuously cooperating with diverse publishers and relevant organizations and actively promoting it in the future.



[Fig. 2-2] Book Receipt Support Center of the National Library of Korea



### 2.3. The Discovery of the Overseas Archives of Korea

The National Library of Korea searches and acquires the materials related to Korea situated in foreign countries and establishes the Korean studies research information infrastructure. The library has intensively collected the Korea-related documents from the public documents of the government acquired and preserved by the U.S. NARA (National Archives and Records Administration) since 2004. Such materials are utilized as the first materials when researching the relations of Korea and neighboring countries as well as the situation on the Korean Peninsula in the modern and contemporary period.

In 2021, the library expanded the scope to acquire materials to Russian State Library. The library aims to collect materials issued by the Koryo saram from 1910 to 1960 and 3,000 books published in North Korea and will collect them for the next three (3) years. The library digitized and acquired the 150,000 pages of textbooks such as 『Joseoneodokbon』, 『Korean Grammar』 in 2021 and will open them by registering and cataloging them in 2022.

The materials collected by the former Soviet Union of Russia and Central Asia are classified as confidential and secured, which makes it difficult for an individual researcher to search and acquire for materials unless conventional agreements are signed between the countries. In particular, the Russian State Library collects the largest collection of books published in North Korea in the modern and contemporary period and places high value on acquiring and utilizing them. The library has devised a plan of follow-up research including explanation focusing on the materials with which we can comprehend the lifestyle and culture of a Koryo-saram society in Yunhaju of Russia in the 1930s.

The overseas archives of Korea are provided on the website of the National Library of Korea (<https://www.nl.go.kr>).



[Fig. 2-3] The textbook and magazine cover acquired in 2021



## 2.4. The Registration of the National Scientific Heritage

『Donguibogam』 (25 volumes) and 『Jasaneobo』 (1 volume) collected by the National Library of Korea are respectively registered as the history of science and technology-3-2 (2020) and -7 (2020) of the national scientific heritage hosted by the National Science Museum under the Ministry of Science and ICT.

The registration system of the national key science and technology materials registers and preserves the materials required to be passed down to the next generation because of their high historical and educational values on science and technology since it was first implemented in 2019.

(The History of Science and Technology) 『Donguibogam』\* is fundamental to Korean medicine as an ethnic medicine against Chinese medicine that is recognized as the value of medical history and education and registered as the national key science and technology.

\* The Naesabon(內賜本) preserved in the Odaesan National History Archives from February 1614 has been preserved in relatively good condition. It was listed in UNESCO's Memory of the World Register in July 2009 and promoted from a treasure to a national treasure in 2015.

(The History of Science and Technology) 『Jasaneobo』 is an encyclopedia of fishes that firstly attempts to scientifically categorize Korean fishes and was transcribed in 1946. Although it was too late to document the production timing, what is available is the original information of the collector, transcriber, editor and others recognized as having intrinsic value on the history of the ocean and science and education and registered as the national scientific heritage.

The National Library of Korea will discover and utilize the value of this old and rare collection, permanently preserve it and pass it on to the next generation in the future.



[Fig. 2-4] The Ceremony of the Registration Certificate and Plaque of the National Scientific Heritage in the second half of 2020 (February 2021)



[Fig. 2-5] The Registration Plaques of the National Key Science and Technology Material (『Jasaneobo』 and 『Donguibogam』 from the left side)

## 2.5. The Promotion of the Donation Culture for the Old and Rare Collection

The National Library of Korea actively attracts individuals and families to donate for the benefit of the old and rare collection and stably manages them in the scientific preservation system that strives to pass valuable cultural heritages to the next generation.

Such efforts to bring together all the old and rare collections previously dispersed all over the country to be housed in the National Library of Korea, led to an increase by 130% against that of the previous year (1,638 volumes) by receiving donations of a total of 3,762 volumes from 31 organizations including 1,208 volumes from Onjae Collection (Onjae Park Seon-Soo, 1821 ~ 1899), 1,775 volumes from Woosan Collection (professor Hong Yun-Pyo) and others in 2021.

The old and rare collection is the precious documentary heritage our ancestors left and the valuable materials of history they lived. The library treats the donors who decide on the beautiful ‘donation’ to share with people through invitational events (plaque unveiling ceremony), collection donation exhibitions, academic events, translations into the Korean language, press release, and others as well as leaving a lasting impression for all.

The bibliography of the donated materials is provided on the website of the National Library of Korea and KORCIS (Korean Old and Rare Collection Information System) and is digitized for the easy usage of individuals and researchers and contributes to create diverse cultural contents.



[Fig. 2-6] The Plaque Unveiling Ceremony for the Donator of the Old and Rare Collection (April 2021)

### 3. National Bibliography

#### 3.1. National Bibliography 2030

The National Library of Korea establishes the 「National Bibliography 2030」 with a medium-and long-term plan that converts from a traditional MARC (Machine Readable Cataloging) to a new bibliographic structure based on the linked data in June 2021. It has 3 goals as follows. First, it efficiently creates and manages the national bibliography by grafting new IT that is required to utilize immense data on the web as well as data produced by libraries, museums, galleries, archives, culture and heritage organizations, publications, distributors, and others. Second, it smoothly accepts and easily describes all types of analogue and digital resources housed by the National Library of Korea from the list that includes the new types of future resources as well as the specific types of the existing resources. Third, it increases the visibility of the national knowledge information on the web and the additional value as core data linking and fusing diverse data.

Such goals are promoted by the following 5 methods. First, it applies the latest ISBD (International Standard Bibliographic Description) model<sup>1)</sup> and organizes the standardized system of bibliography. In particular, it strengthens the title authority control<sup>2)</sup> required to

1) It is a LRM (Library Reference Model) produced by IFLA (International Federation of Library Associations and Institutions) in 2017 that unifies the existing bibliography-authority-subject concept model and considers the environment of the linked data if amended.

2) The National Library of Korea first established 「Authority Data Description Guidelines of the National Library of Korea – Uniform Title (draft)」 in June 2021, and has since developed the authority data automation system for the uniform titles to conclude by the end of the year and pilot it to translations.

identify and describe the work and seeks the alternative to replace the basic heading.

Second, it develops and applies a new bibliographic language based on the linked data and identifiers to overcome the limits of the traditional MARC. Thus, it reviews to apply the BIBFRAME (BIBliographic FRAMEwork) 2.0<sup>3)</sup> developed by the US Library of Congress and has set a plan to develop the catalogue language suitable for the domestic library environment.

Third, it searches the controlled vocabularies including the subject, personal names and corporate names and titles which are in the bibliography and establishes and opens the glossary to the linked data to apply a new bibliographic language.

Fourth, it establishes the working group with the domestic libraries and relevant organizations that jointly reviews and promotes the plan to stably convert the bibliography at a national level.

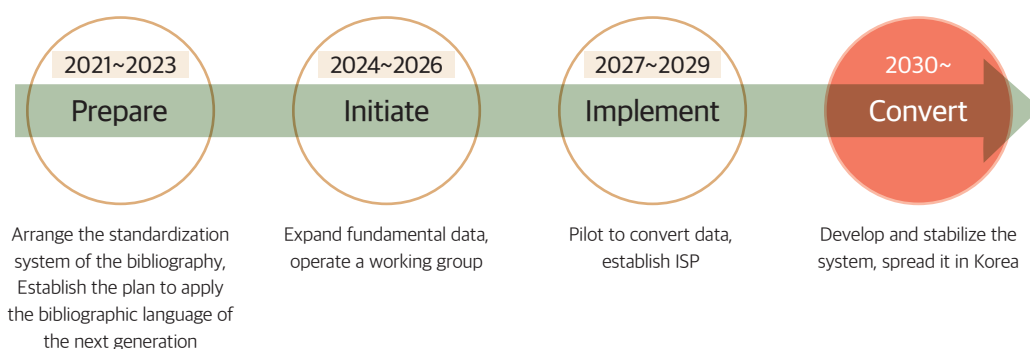
Fifth, it operates the educational program so that domestic librarians deeply understand the changing bibliographic environment and skillfully utilizes the new metadata and bibliographic language.

In addition, it is promoted by the 3 strategies as follows. Phase 1 (2021~2023) improves the standardization system to convert the bibliographic structure. It establishes the authority data of the uniform titles and arranges the plan to apply the Korean bibliographic language of the next generation. Even if a new bibliographic language is initiated, the library continues and provides KORMARC (Korean Machine Readable Cataloging) and additionally amends KORMARC for a unified bibliography and authority control during this period.

Phase 2 (2024~2026) arranges the base to initiate a new bibliographic language that establishes the glossary based on the linked data and operates the working group to convert the bibliography with domestic libraries. Finally, Phase 3 (2027~2029) intensively prepares the conversion that arranges the plan to convert data by thoroughly analyzing the results which converts the existing data to a new bibliographic language and establishes the ISP (Information Strategy Planning) to develop the system.

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3) It is a standard language of the next generation to input and exchange the bibliography suitable to the web after the MARC (Machine Readable Cataloging) that is mainly applied in the English-American countries of the US, UK, Germany, and others.



[Fig. 3-1] Phase-by-Phase Promotion Strategy of the National Bibliography 2030

### 3.2. Reinforcement of International Standard Identification System

Diverse content is created, shared and blended all over the world amid the acceleration of the global digital environment and the progression of the era of big data. In such digital transformation, what specifically identifies the creation and the creator is particularly important to accurately search and use information and link data. Accordingly, ISNI-KOREA under the National Library of Korea operates the international standard identification system of the ISBN (International Standard Book Number), ISSN (International Standard Serial Number), ISNI (International Standard Name Identifier) and others. In 2021, the National Library of Korea reinforces the data interoperability of the international standard identification system and improves its quality that promotes the ISBN and ISSN operation, expands ISNI-KOREA and arranges the base to share the intelligent data and designates the domestic executive secretariats for ISO/TC46.

First, the National Library of Korea publishes the 『Trend Report for Serial Web Content ISBN』 and analyzes the latest fast-growing domestic and overseas webtoon and web novel markets and researches the international ISBN agency and the opinions of domestic web content. So, the webtoons and web novels that receive the ISBN are special cases for Korea only and the library draws the results required for improvements suitable for the international standard and ISBN operation purpose. Such a result is drawn from the four (4) meetings that shares these trends and discusses the follow-up plan and direction with the web content-related ministry and departments, associations, companies and others such as the KWIA (Korea Webtoon Industry Association), KWNIA (Korea Web Novel Industry Association), KCC (Korea Copyright Commission), KEPA (Korea Electronic Publishing Association), Kakao, Munpia and others as well as the Ministry of Culture, Sports and Tourism.

In addition, the library conducts 「A study on the linkage and effect of ISBN/ISSN and legal deposit」 to research the relevance between the ISBN/ISSN issuance and legal

deposit. This study is shown as follows: based on the surveys for the libraries of OECD member countries and the data analysis of the IPA and WIPO, the ISBN issuance under the National Library is 70% higher than under the private library and, based on the perception survey for domestic publishers, the higher the perception of legal deposit is, the higher the rate of legal deposit is based on the ISBN issuance. Therefore, it implies that if the ISBN issuance and legal deposit is linked, then the publisher improves the perception for the legal deposit and the rate of legal deposit is then increased.

Second, in 2016, the National Library of Korea concluded the agreement with the ISNI International Agency to specifically identify the domestic creators and to link their creations and has operated an ISNI-KOREA consortium based on mutual cooperation with 14 agencies for academy, music, film, publishing, copyright and others as the Korea ISNI registration agency. Then, in 2021, the library concluded the consortium agreement with KISTEP(Korea Institute of S&T Evaluation and Planning) and arranged the fundamentals to the new ISNI issuance linked with the NRI(National Researcher Information) and jointly utilize the researcher and research data.

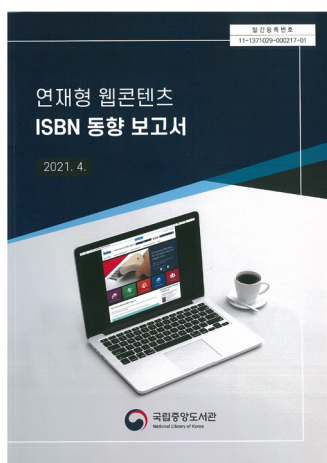
In addition, the library conducts the research service of 「The plan to establish the ISNI-based intelligent data sharing system」 from June to December as one of the plans to upgrade the ISNI-KOREA data quality. So, it draws the fundamentals to the intelligent sharing system that develops the data augmentation operating system and intelligent system linked with diverse external data such as Wikipedia, conducts the data cleaning of the cooperation agencies and others.

Furthermore, the library translates the 『ISNI News』 published by the ISNI International Agency, posts it on the website and distributes it to consortium agencies, researchers, creators 5 times in total. This news is available to share the international trends, understand the issues and public relations.

Third, since the National Library of Korea was first designated as the Korean executive secretariat for the library and information field of the ISO/TC46 in 2008 that has discovered the trends of the international standards related to SC4(Technical Interoperability), SC8(Quality-Static and performance evaluation), SC9(Identification and description) and has operated the domestic committees. In 2021, the library renews the term of the executive secretariat and plays the role to execute Korea's voting right for establishing and amending the international standard, to collect the Korea's opinions on the survey of the international standard for 3 years until October 26, 2024.

The library attends the ISO/TC46 general meeting and online meetings from May 12, 2021 to May 20, 2021 and shares the trends of the international standard and the information to establish a new standard that endeavors enhance the global position as the national library which leads the standardization of a literary and information field.





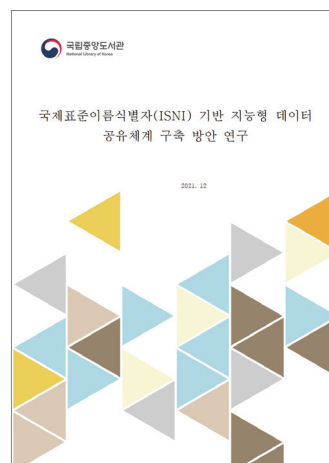
[Fig. 3-2]

『Trend Report for the Serial Web Content ISBN』



[Fig. 3-3]

『A study on the linkage and effects of the ISBN/ISSN and legal deposit』



[Fig. 3-4]

『The plan to establish the ISNI-based intelligent data sharing system』

### 3.3 The Amendment of the Online Resource Cataloging Guidelines

The National Library of Korea uses the MODS (Metadata Object Description Schema) 3.7 version of the Library of Congress for online resources that applies KCR (Korean Cataloging Rules) 4th edition and KDC (Korean Decimal Classification) 6th edition. The creation method is based on the metadata creation projects and the library has prepared the data quality control system in 2017 and operated the independent creation by utilizing internal human resources. In 2021, the library creates a total of 258,299 metadata for digital resources from 195,512 metadata sourced from creation projects and 62,787 metadata gathered from independent creation that serves them on the website of the National Library of Korea.



[Fig. 3-5] Online Resource Cataloging Guidelines

In 2021, the library amends the online resource cataloging guidelines. It consists of 11 kinds of e-books, official publications (single/serial), theses and dissertations, audio books, multimedia, overseas archives, webtoons, e-journals, academic journals and others. According to the existing offline resource guidelines, the library arranges the online resource guidelines and amends the items of the related information suitable to the class that properly link the resources created. And, the library amends the display rules on the website of the online resources and re-arranges the keywords that encourage an increase in the efficiency and accuracy of searching on the website.

In addition, the library improves the guidelines to enter the author information based on the diverse cases of searching for an author that increase the diversity and accuracy for an author in online resources and actively utilizes the authority data of the National Library of Korea. Finally, the library adds audio books, webtoons and the websites of new media to the renewed guidelines that improves the resource control and the resource utilization of the users.

According to the development of new media and IT, the National library of Korea prepares and re-arranges the value for the type of a new resource and creates it on time if new media materials are acquired. And the library adds the 'interactive resource' to the value of a resource type and includes the resources of the 'VR (Virtual Reality)' and 'AR (Augmented Reality)' that utilizes it and serves the 『VR Library: Beyond Reading』 of VR resource on the website of the National Library of Korea.

## 4. Promotion to Establish the National Library of Korea Data Preservation Center

The main building (including digital library and deposit building) of the National Library of Korea can store approximately 15,000,000 books, but as of December 2021, actually stores 13,470,000 books so is already saturated by 89.9%. If it is forecasted that books annually increase by approximately 470,000 books, the building will be saturated by 100% in 2023. Such space issues of stacks and the status to acquire, preserve and accept the diverse media of knowledge and information has led to establish the preservation stacks.

And, in August 2018, the library arranged 3 employees (one head (grade 5), one librarian (grade 6), one administrative assistant (grade 7)) of the Management Support Division (current General Affairs Division) as the support staff to the TF team of the National Library of the Korea Data Preservation Center. In June 2019, the library changed the responsible division to the Preservation and Research Center in which one head (grade 5) who was previously assigned for promotion to establish the center and one responsible



librarian (grade 6) conducted the project.

In February 2021, the TF team consisted of six (6) employees of one (1) responsible librarian and five (5) employees assigned for additional posts (one head [grade 4], two heads [grade 5], one technology assistant [grade 7], one curator), but added one support staff (industrial and technical posts) in 2021 and will add one staff (technical post – grade 6) according to the ‘requirements on required staff’ in 2022.

In 2021, the library conducted 「The comprehensive operation plan to establish the National Library of the Korea Data Preservation Center」 that systematically arranged the master plan from the beginning phase. It includes the organization, human resource plan, detailed operation plan, space plan etc. utilized as the basic resource required from its construction to opening. The promotion to establish the National Library of Korea Data Preservation Center progressed by concluding the MOU (March 2019), applied the project for the preliminary feasibility survey (December 2019), conducted the preliminary feasibility survey (from February to November 2020), passed the survey, and then transferred the ownership of the buildings (February 2021).

The library concluded the MOU with relevant agencies (libraries, Gangwon-do, organization committee) in March 2019, conducted 「The comprehensive plan and preliminary feasibility survey study to establish the National Library of the Korea Data Preservation Center」 in April 2019, and conducted 2 services of 「The IBC facilities analysis and the calculation of its remodeling cost」 in August 2019. As a result, the library applied to deliberate the project targeted to the preliminary feasibility survey of the Ministry of Economy and Finance that accepted its urgency and the details of the plan from the Ministry of Economy and Finance, and was selected as a target project.

The preliminary feasibility survey was conducted from February to November 2020. The library conducted the ‘onsite presentation’ for the construction area of the IBC (International Broadcast Center) to the KDI (Korea Development Institute) of the inspection agency, 3 written responses for KDI’s questions, the meeting to report the results of economic analysis such as the BC analysis (cost-benefit analysis), and the meeting to report the results of political assessment to assess the effects of job creation, living conditions, safety, the environment etc. On November 27, the final result of the preliminary feasibility survey was passed to 61 billion won for the whole project cost, B/C 0.93 and AHP 0.639. Then, the organizing committee of Olympic Winter Games, PyeongChang 2018 and PyeongChang 2018 Paralympic Winter Games donated the IBC building to the National Library of Korea.

In March 2021, 「The notification on the master plan for the construction to establish the National Library of Korea Data Preservation Center (MSCT Notice No. 2021-0019)」 was registered to the gazette according to Article 69 (5) of the Construction Technology Promotion Act in March 2021. The library promoted the ‘service of international competition’ by arranging the plan to execute the competition, prepared the guidelines,

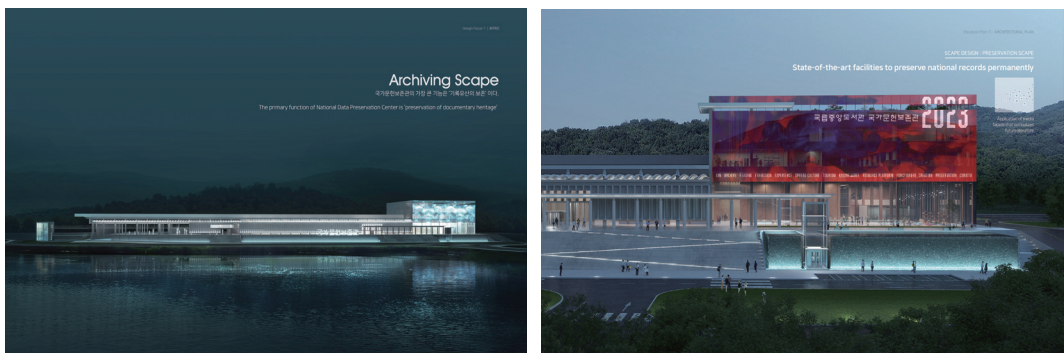
supported the operation of the operating committee advisory committee, and review committee, progressed and managed the competition, promoted it, to the exhibited works, published, concluded the agreement with the winner, and others.

The winner is the TIMELESS CORRIDOR of Shinhan Architects & Engineers (joint participation with D&B Architecture Design Group) that designs the National Library of the Korea Data Preservation Center to the space for communication between the resources and people as well as passing from the past, present to the future. It is assessed as the design to faithfully realize the purpose to establish the center. In addition, the positive design for resources and the environment is appropriate to the remodeling purpose and the restrained facade and simple human traffic are assessed, positively reflected to the operation after establishing it.

► Overview for the establishment of the National Library of Korea Data Preservation Center

- (Period / location) from 2021 to 2024 (design for 450 days, construction for 720 days) / Daegwallyeong-myeon, Pyeongchang-gun
- (Scale) land area : 145,287m<sup>2</sup>, floor area : 51,024m<sup>2</sup>[36,882m<sup>2</sup>(phase 1)]
- (Method) Utilize IBC which is the facility of the Olympic Winter Games PyeongChang 2018, Phase 2\* progress

\* Phase 2 (14,142m<sup>2</sup>) district will be remodeled after saturating the preservation space of phase 1 (2053).



[Fig. 4-1] The Image of the Winner of the International Competition for the National Library of the Korea Data Preservation Center

## 5. The Preservation and Restoration of Library Materials

The National Library of Korea carries out the scientific preservation and restoration treatment for 226,318 books to prolong the life expectancy of the rare materials collected by the library and to guarantee its permanent preservation in 2021.

The library checks the preservation condition of the binding, acidification, deterioration, etc. for 6,267 books and 1 item of 1,967 categories of rare materials and grades them according to their condition to establish the systematic preservation and management system of the rare books. Also, the library carries out the preservation treatment for the 『Librarian's Daily Log』 of 1948 and 83 past photo albums of the library including the history of the National Library of Korea.



[Fig. 5-1] The Preservation Treatment of the Library's Historical Materials

The library perfectly performs the dry cleaning for 20,000 items of the old books such as 『Hakcheonyujip』 of Woosan Collection and the KDCP general materials and produces preservation boxes for newspapers and stores 500 items. Also, the library performs the deacidification treatment for 92,893 items of 『Deabalhea』 and others to prolong the preservation period for the materials that require the quick preservation treatment because of its rapid acidification, and additionally conducts the deacidification treatment for 1,572 books entrusted from the three (3) agencies of Namsan Public Library. The library performs the disinfection treatment for the 100,249 items of 『Jahuneonhae』 old book and others in order to prevent the donation materials, purchase materials and other factors previously exposed to the external environment from being deteriorated by mold, microorganism, and others.

The library performs the leaf-casting treatment to restore the 8 volumes of the 『Kyungsung Ilbo』 published from 1925 to 1927 by utilizing Korean papers (hanji) that expands the margins of the newspapers, re-binds them and stores them in the box. The leaf-casting which is a mechanical pulp repair process for the deteriorated part analyzes the condition, produces the fiber suitable to the thickness of the newspaper with similar material, and strengthens the missing areas.



[Fig. 5-2] The Preservation Treatment of 「Kyungsung Ilbo」 (1926)

The library performs the preservation treatment for the records, video tapes, cassette tapes of the analogue media from visual and audio materials or digitizes them, then stores them on our server. The library also checks on the condition of the contents, errors, sound sources and others and performs the rewinding, cleaning, chemical protection treatments in order to complete the preservation treatment for the 4,100 items of the video tapes (『Midnight Discussion』, 1998) and cassette tapes (『Housing』, 1993).

The library disperses the 656 rolls of microfilm reproduced to prepare for the deterioration of the important materials such as rare newspapers and others affected by natural disasters into the National Library of Korea, Sejong and performs the washing treatment for 1,500 rolls of 「Gwanggaeto Stele (高句麗好太王碑)」(M古3-1999-10) and others to preserve the microfilm in the long term.

Digital media is used to perform the preservation treatment for floppy disks and optimal media and, in 2021, the library checked the condition of 650 items and performed their preservation treatment for them. The library checks the external and internal conditions of the errors, surface scratches and others for optimal media and captures the forensic images of the floppy disks' contents for the long-term preservation because FFD (floppy disk drive) is discontinued.

In addition, the library carries out an analysis of the digital format to drive and utilize the saved materials and develops the extraction tool which automatically analyzes the internal structure of the digital format for the digitized visual and audio materials which automatically extracts the technical metadata of the digitized video and audio format including the video format, codec and others. The library applies the results to the long-term preservation methodology and applies for a patent, then completes the patent registration in the second half of the year.

In 2021, the library changes the old existing disinfection equipment (purchased in 2002) to the latest equipment that can disinfect 90,000 items to a maximal 140,000 a year. The latest equipment comprises the infection-prevention function to sterilize the virus as well as preventing the deterioration by microorganism and pests that helps to strengthen the infection prevention. In addition, the library introduces the natural disinfectants and the hybrid equipment of an eco-friendly environmental control, improves the disinfecting

effect and establishes the harmless disinfection system for materials to materials, human bodies and the environment. Therefore, the library guarantees the proper preservation treatment capacity against the volumes to be treated by expanding the external inflow of the donations and others, increasing the volumes of the collection (increased to 500,000 books a year) and improves the permanent preservation of the collection.



[Fig. 5-3] New Eco-friendly Disinfection Equipment for Materials

## 6. Reinforcement of the Digital Services and Information Services

### 6.1. 3-Year Plan on the Digital Services

The National Library of Korea establishes the 「National Library of Korea's 3-Year Plan on Digital services (2021~2023)」 to preemptively respond to the change of the library's policy environment according to the advance of digital technology and COVID-19 and to contribute to the cultural life of the people. So, the library organizes and operates the TF team that selects the 5 key tasks and fifteen (15) sub-tasks with the vision of 'The center of the digital ecosystem' through the expert meetings, department reviews and others.

This plan will be scheduled with the medium and long-term development plan of the National Library of Korea and practices optimal leadership as the representative library of the country that expands the scope and online services of the national digital collection, provides the data-centered service, innovates and leads the library service for the betterment of society.

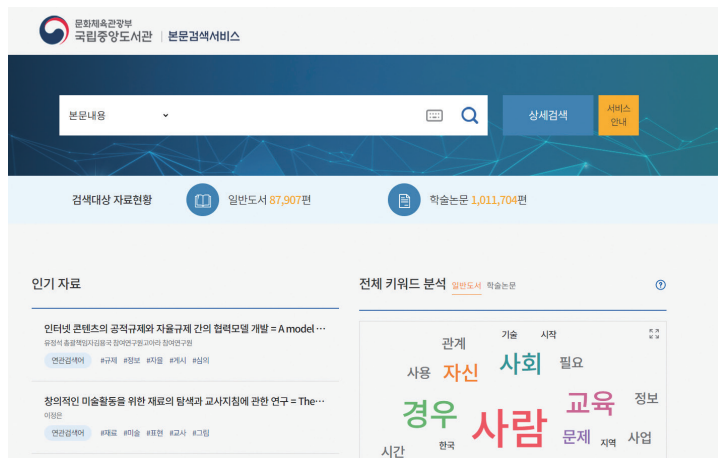
<Table 6-1> 3-Year Plan on the Digital Services

Vision	The Center of the Digital Ecosystem	
Strategies	1. [Collective] 2. [Connective] 3. [Curatorial] 4. [Collaborative] 5. [Creative]	Collect knowledge and memory Connect diversity Coordinate a curatorial collection Collaborate the library with the world Create the library of tomorrow
	[5 Key Tasks and 15 Sub-Tasks]	
	1. [The Library of Knowledge and Memory] Expand the Korean Memory Service	1-1. Establish the 'Korean Memory'.
		1-2. Expand the 'OASIS' of web-resource archiving
		1-3. Establish the sharing knowledge information resource archives
	2. [Digital Tolerance] Expand the Ontact (Online-Contact) Service	2-1. Establish and operate the e-book service of the library
		2-2. Establish and operate the 'On-Naru (draft) of the National Library of Korea'
		2-3. Strengthen digital literacy
	3. [Data Onboarding] Develop the data curation service	3-1. Create data resources and promote utilization
		3-2. Develop the data service
		3-3. Establish the National Library of Korea Data Preservation Center
	4. [Boundaryless Library] Activate the sharing platform of the digital service	4-1. Strengthen the sharing platform service of the national knowledge and information resource
		4-2. Establish the policy information portal and expand the service
		4-3. Establish and expand the EADL(East Asia Digital library)
	5. [Library New Deal] Practice the service leadership of the future library	5-1. Research and develop the new technology-based digital service
		5-2. Establish and operate the next-generation library system
		5-3. Develop the professionalism and leadership of the digital service

## 6.2. Establishment of the Pilot Service to Search Body Texts

The National Library of Korea performs the project to establish the pilot service to search body texts in 2021 that activates the utilization of the complete digital full text with the plan to share and cooperate for the digital knowledge and culture heritage. It can access the full text for a search and the pages included the content with the keyword search of the text content and is displayed on the integrated viewer. It is subject to the digital full-text PDF (approximately 370,000 items) and OCR (Optical Character Recognition) PDF (approximately 10,000 items) of general books and academic materials published from 2011 to 2015 and can be searched body texts as follows: acquire the original-text PDF, extract the text file, analyze the morpheme of the text file, process the data index of the next file. The library will open the pilot service to search body texts (<https://nl.go.kr/NLFP>) targeted to the offline users of the library at the end of March 2022.





[Fig. 6-1] The Main Page of the Pilot Service to Search Body Texts

### 6.3. The Establishment of the Statistical Information System

The National Library of Korea establishes the statistical information service systematically connected with the diverse information systems of the main building, digital library, the National Library for Children and Young Adults and the National Library of Korea, Sejong in 2021 that can acquire and analyze the statistical data by applying the latest statistical technology as the data created and managed gradually increases.

The statistic information system sets the data-based decision-making environment by applying the latest statistical analysis technology and visualization technology and provides the dashboard which can effectively monitor the operating system in real time and the diverse statistical functions for individual services. It will be scheduled as the pilot service for the statistical information system which can visually display the multidimensional analysis results of the data and roughly analyze the external and internal data in February 2022.



[Fig. 6-2] Real-Time Operating Environment Monitoring Screen of the Statistical Information System

## 7. Immersive Library

The library opens the ‘Immersive Library’ of an experience hall which experiences new library content by applying the latest immersive technology in the permanent exhibition hall on the 3rd floor below ground of the digital library in March 2021. The National Library of Korea reproduces the content service for the library only by combining the knowledge information resources housed by the library and immersive technology which all people can enjoy and experience diverse digital information and technologies as the demand for new media has recently increased through all aspects of culture.

The immersive library consists of 4 contents and provides the library-specialized content apart from the other organizations in terms of its materials and experience. First, the materials are the old and rare books of the national treasures and the treasures from the collection for which people find it uneasy to connect with the real materials in ordinary times. Second, the experience to ‘reproduce the search and knowledge’ which searches for the information and discovers the endless relations between the searched information that is provided as multidimensional content.



[Fig. 7-1] Immersive Library (Main)

### • Storage Experience

When the users enter into the immersive library, they face the 300-inch large display with 6.7m in width and 1.9m in height. The display is derived from the imagination for the question of ‘what is the high-tech storage of the future?’. It displays the future storage which is both realistic and immense on a large screen through 3D images with a sense of space that the users can roughly estimate the volume of knowledge and information the National Library of Korea has acquired. In addition, a user searches for any information on the large screen that shares and allows collaboration with other users.



### • The Future of Searching

Intelligent furniture with modern beauty placed in the middle of immersive library which the visitors can sit on while experiencing the futuristic searching sitting. If a user sits on the table finished by natural materials and touches of marble, a user can visit the information suitable for the recommended keywords from the huge library content and related content. A user adds the desirable materials beyond the existing limit to open digital information consisting of mouses, keyboards and monitors to 'MY LIBRARY' and checks them in one go or shares them with other users on the large screen. It realizes the ultimate goal of the library search which evolves to 'find the hidden data and collaborate with others' by analyzing the diverse data relations between the materials.

### • Interactive Map

The old maps housed by the library are restored to the super-resolution images and reproduced to the immersive content as follows: 『Sooseonjeondo(首善全圖)』 (estimated in 1840s) is the old Seoul and 『Mokjangjido (牧場地圖)』(1678) is a ranch which breeds horses to offer to the King. If a user enlarges or reduces a screen, he or she can compare the old Seoul with the current one and if a user touches the horses which seem to move around the ranch, he or she can view the diverse information for a horse in the 17th century (the Joseon Dynasty).

### • Digital Book

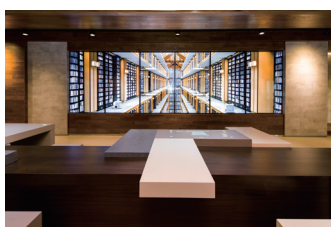
The digital book realizes the contents of a book on a printed book by utilizing the projection mapping technology, that displays the translation of Chinese letters or animation according to its interaction if a user turns or touches a page. It provides the experience beyond the simple information service that realizes a large book comprised of the special material with the texture similar to a printed book and then adds the immersive technology to the book. The old books that the users can experience in a digital-book format are 『Donguibogam (東醫寶鑑)』(1613) and 『Comprehensive Illustrated Manual of Martial arts (武藝圖譜通志)』(1790) listed in UNESCO's Memory of the World Register as well as the collection housed by the National Library of Korea. It delivers lively information that adds the full texts, interpretations and the animation effects of illustrations to the old book scanned with a high resolution.

Out of them, the library arranges the 'VR Library' that is the reading experience content of VR (virtual reality) developed as a new library service according to an online contact-free era. If a user utilizes the VR tool and runs a program, he or she can read a desirable book in a desirable place and also listen to an audio book. A user can experience new reading content in the distinct surroundings of the lawn plaza in the National Library of

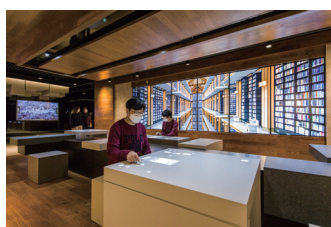
Korea, the royal library ‘Gyeongbokgung Jibokjae’, taking in the sea view, etc. which all unfold before the user’s eyes.

The library establishes the advanced reservation system to prevent COVID-19 infectious diseases and to build the environment for a better exhibition and operates it through advance reservation. Since the library first opened the interactive library on March 23, 2021, a total of 3,423 people has visited it. The library operates the programs to promote the immersive library and holds the events 4 times (quarterly).

In the first quarter, the library holds the event to certify the visit to the ‘Special Exhibition on Immersive Library & Future Library’ targeted to older adults and the generation MZ. In the second quarter, the library progresses with the lecture of ‘Record Beautiful Korean Land Name to Chinese Characters’ with the theme ‘Sooseonjeondo’ comprised of the content of the ‘immersive library’ and the Korean land name related to the old place name of Seoul by using the video conference platform ZOOM in real-time online. In the third and fourth quarters, the library performs the family visit event of the ‘immersive library’ and the video-quizz event of the ‘immersive library’, respectively and attempts to improve the awareness of the immersive library and to maximize the effect of the video promotion.



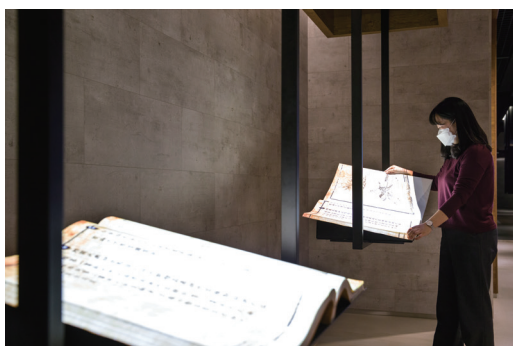
Storage Experience



The Future of Searching



Interactive Map



Digital Book



VR Library

[Fig. 7-2] Immersive Library Content

## 8. COVID-19

### 8.1. User Service

The National Library of Korea temporarily closed (December 08, 2020 ~ January 18, 2021) as the operation of Seoul's national and public cultural facilities was suspended in response to the social distancing stage being upgraded. The library re-opened on January 19, 2021, then operated the advanced reservation system according to the government's social distancing guidelines to prevent the spread of infectious diseases and to minimize the inconvenience for users to use materials, limit and expand the number of users from 30% to 100%, and was flexibly operated. The library adjusted the hours to use the library from 10 am to 5 pm, disinfected furniture of desks, chairs etc. and prevented infection. And the library performed the 'same-day reservation' to use the materials from May and reduced the waiting times as users visit the library and use the materials that they reserved.

<Table 8-1> The Offline Use Status of the Library

(As of Dec. 31, 2021)

Building	Users	Average Daily Users	Open Days
Main Building	94,611	304	311
Digital Library	54,607	182	300

\* The digital library is temporarily closed (the safety check of facilities): August 27~September 06

The library provided the domestic and overseas database online by expanding from 42 categories to 49 categories compared to the previous year so that users can use e-books, newspapers, journals, academic journals and others at home without directly visiting the library. The new database are the broadcasts and the performance of the 'MBC Archive' and others and the library served the online content on the website of the 'Home Library Service' and supported the online cultural life of people.

The main building and digital library arranged the distancing seats to prevent infections, set the acrylic partition and periodically ventilated and disinfected the area before and after operating. Also, the library posted the hygiene promotional materials to prevent any infection such as wearing a mask and others and arranged the commodities to prevent infection such as hand sanitizers and others for the benefit of the users.

The National Library of Korea organized the 「TF to Improve the Use Service of the National Library of Korea」 on October 20 that adds the changes of the environment to use knowledge and information by accelerating the digital and contact-less conversion. A total of 18 employees that consists of the manager of the Knowledge and Information Services Division appointed as the team manager and the staff of the relevant divisions, discussed in 3 meetings that drew the proper operation plan and use of the service improvements

according to the environment changes of the library.

The National Library of Korea, Sejong flexibly provided the library service according to the COVID-19 and temporary closure. It performed the advanced reservation system to accept the appropriate visitors according to the distancing stage for the COVID-19 status and loaned a total of 375,858 books to 109,981 users. And it additionally set up the large book disinfector which can disinfect 200 books at once and strengthened the disinfected books. It combined the area to lend materials which had previously been separately operated on the first and second floors to the Humanities & Arts Collections on the first floor and re-organized and operated the existing seminar rooms to the humanities & arts community room.

It operated the online (ZOOM and YouTube)-based reading culture program which are a series of regular lectures, humanities connected by science, humanities with explanation etc. in which a total of 3,509 people participated in the program.

It operated the advanced reservation to loan books to minimize the service gap for the temporary closure period (August ~ December) according to the safety diagnosis of the library building and loaned a total of 87,839 books to 27,028 users. Also, it introduced the self-service ID card issuance kiosk to issue a library card and added a self-service book loan kiosk (Smart Book Gallery) and improved the contact-free service out of the library hours.

It replaces the on-the-spot experience which was difficult to operate because of COVID-19 and the temporary closure with online VR (virtual reality) experience.



[Fig. 8-1]  
The Book Loan Service in  
Advanced Reservations



[Fig. 8-2]  
Self-Service ID  
Card Issuance  
Kiosk



[Fig. 8-3]  
Self-Service Book Loan Kiosk  
(Smart Book Gallery)

## 8.2. The Participation in National Disaster Archives and International Cooperative Archives

The National Library of Korea has performed the OAIS (Online Archiving & Searching Internet Sources) that acquire and preserves the expendable web resources to the national digital knowledge and culture heritages under Article 20-2 (Collection of the Online Materials) of the 「Library Act」. The library has acquired the individual websites which have the value to be preserved as well as the key agencies' websites in Korea from 2004 selectively acquired for the web materials related to the national disasters and events and key issues and themes and established them all as part of the theme collection. And the library has combined to collect the comprehensive website for 1,100,000 national domains to prevent the loss of a large quantity of web materials of the times from 2016.

Up to 2021, the library acquires and preserves a total of 2,210,000 web materials of 880,000 websites and 1,330,000 other web materials, categorizes them to 152 national disasters and events and themes and provides them on the OASIS website (<https://oasis.go.kr>).

In particular, the library has established the national disaster archives to acquire and preserve the web records related to the key disasters of the country without any omissions from 2015 that preserved a total of 80,000 disaster records for the 40 key national disasters of the Sampoong Department Store Collapse in 1995, the Sinking of MV Sewol, MERS epidemic, COVID-19 pandemic etc. In 2020, the library established the COVID-19 disaster archives by intensively acquiring the web materials for the medical, scientific, social, and economic changes of the government and related organizations that occurred from the beginning of COVID-19 to the consistent efforts to prevent its spread and acquired 14,000 web materials of COVID-19- related websites, news, press releases, blogs etc. until 2021.

In addition, the library participated in the international cooperation collection of COVID-19 of IIPC (International Internet Preservation Consortium) which has been a member from 2008 to strengthen the international cooperation system as well as sharing the archive-related knowledge with the countries all over the world.

The National Library of Korea devised a plan to continuously acquire and preserve the relevant web materials until the COVID-19 pandemic subsided, and will establish the cross-national 'COVID-19 Archives' which acquires diverse web, video and audio materials and records of the COVID-19 era and passes them on to the next generation.



[Fig. 8-4] OASIS Disaster Archives

## 9. Data Provision

### 9.1. The Pilot for the Original Texts of the Old and Rare Books

The National Library of Korea promoted the pilot service which additionally provides the original texts of the old and rare books as well as the existing text images that increases the utilization of the documentary heritages (old books, old and rare books, etc.) mainly written with Chinese characters and improves its access.

1 curator performed the tasks of entering the texts of the Old and Rare Collection Division and 2.5 young interns related to public data edited and proofread the designated cultural heritages and rare books of (a National Treasure) 『Sipchilsachan gogeu mtongyo (十七史纂古今通要)』 and others collected by the National Library of Korea from May to December 2021. Also, it compared the direct input method of the original texts with an AI automatic text model which has recently been developed.



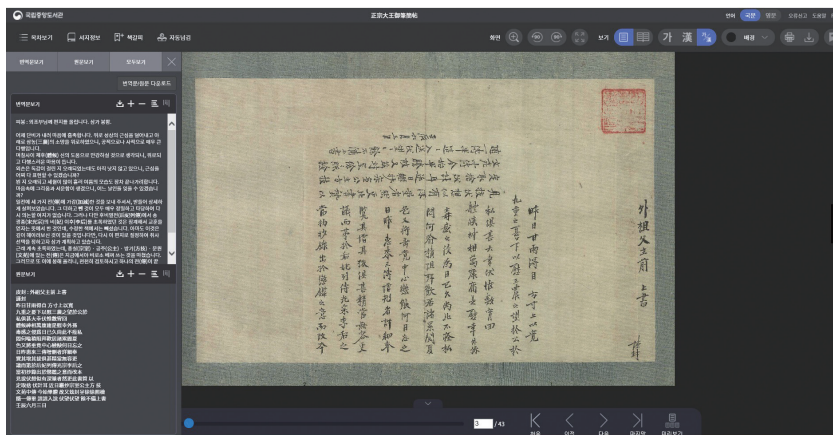
&lt;Table 9-1&gt; Direct Input of the Original Texts VS. AI Model

Item	Direct Input	AI	
		Old Diplomatic Documents	Old Uigwe (儀軌)
Advantage	• Input and proofreading at once (if an expert entered)	<ul style="list-style-type: none"> <li>• Reduction of the time and cost</li> <li>• Images and texts on the same screen</li> </ul>	
Disadvantage	<ul style="list-style-type: none"> <li>• Long time and high cost</li> <li>• High fatigue due to the separate image and text screens</li> </ul>	<ul style="list-style-type: none"> <li>• Non-recognition for overlapped and faint texts</li> <li>• Additional proofreading according to the accuracy</li> </ul>	
Lead Time	<ul style="list-style-type: none"> <li>• 20 minutes a page</li> <li>• Under 4,000 characters a day</li> </ul>	<ul style="list-style-type: none"> <li>• 6 minutes a page</li> <li>• Under 14,000 characters a day</li> </ul>	<ul style="list-style-type: none"> <li>• 15 minutes a page</li> <li>• Under 5,500 characters a day</li> </ul>
Cost (based on 20,000 characters in a book)	1,145,753 won	327,358 won	833,275 won

As a result, it is shown that an AI model is more economical than the direct input for the original texts of the old and rare books, but an AI model requires the old and rare books with diverse formats and the learning data with large original texts. The pilot established the original texts for the 10 books in 9 types such as 『Sipchilsachan Gogeumtonggyo (十七史纂古今通要)』 and others, and established the text image, original texts and its translation (Korean) for the (rare book) 『Album of King Jeongjo's Autographs (正宗大王御筆簡帖)』. The academic paper results are served on the KORCIS website (<https://www.nl.go.kr/korcis>).

&lt;Table 9-2&gt; The List of the Old and Rare Books for the Pilot Project

No.	Call No.	Title	Book	Remarks
1	古貴0237-15 (National Treasure 148-2)	Sipchilsachan Gogeumtonggyo (十七史纂古今通要)	1	
2	한貴古朝43-가174 (Treasure 710-3)	Dongin-Ji-Moon-Saryuk (東人之文四六)	1	
3	일산古貴9907-1 (Registered Cultural Heritage 529-1)	Jeonbo jangjeong (電報章程)	1	
4	古貴1211-1	Yuseokjileiron (儒釋質疑論)	1	
5	古貴0231-6	Album of King Jeongjo's Autographs (正宗大王御筆簡帖)	1	Including the Korean version
6	古貴3611-5	Donginsiwha(東人詩話)	2	
7	古753-1	Jasaneobo(茲山魚譜)	1	
8	성호古1574-6	Backgaui (百家衣)	1	
9	성호古3649-186	Mulheonjapjeo (勿軒雜著)	1	



[Fig. 9-1] KORCIS's Original Text Service

## 9.2. Participation in the joint declaration on the open access of the research support and public academic information service agencies

The National Library of Korea participated in the joint declaration to promote the domestic open access with Korea's key research support and public academic information service agencies on August 13, 2021. This joint declaration was concluded between the National Assembly Library, Korean Federation of Science & Technology Societies(KOFST), Korea Institute of Science and Technology Information(KISTI), Korea Education and Research Information Service(KERIS), National Research Foundation of Korea(NRF) including the National Library of Korea.

This joint declaration is meaningful as it is the first declaration at a national level to take effect after the '2021 Korean National Open Access Policy Forum' held on June 2021. With the joint goal of providing 'open access', the agencies sought to ally and cooperate in the promotion of 10 items including the mandatory provision of academic papers produced by public funds, convert academic journals to open access, participate in international open access efforts etc.

The joint declaration on open access is the first public official declaration that the 6 agencies of Korea's key research support and public academic information service ally and cooperate to practically progress with the domestic open access policy and will have positive effect on realizing open access in Korea.

## 9.3. The Establishment of the Open Access Policy of the National Library of Korea

The library participated in the joint declaration in August 2021, then established the 'OA (Open Access) Policy of the National Library of Korea' as the follow-up action plan.



The policy is suitable for the unique characteristics and roles of the national library which differs from universities, research institutes and funders that acquire and preserve the domestic OA knowledge and information materials, provide domestic and overseas OA knowledge and information materials for academic research and the policy information service, participate in domestic and overseas activities and perform various research to spread OA.

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< Key Contents >

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□ (Preamble) The Mission and OA of the National Library of Korea

- Support the principle of the publicness of OA knowledge and information materials

□ (Policy Declaration) The OA Policy Declaration of the National Library of Korea

- Acquire and preserve Korea's OA knowledge and the information materials without any omission as the national library
- Contribute to the systematic offering, use and expansion of the domestic and overseas OA academic and research materials.
- Distribute the institutional repository and support to preserve and use the research performance through the repository
- Support to share the self-archiving and research materials through the Korea Journal Copyright Information
- Cooperate with the interested parties to actively share the OA materials
- Share the materials published by the National Library of Korea and the research materials of the staff by the OA
- Perform the diverse activities and continuous research to spread the OA

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This policy statement which displays the intention to share and support the domestic and overseas OA of the library is meaningful to specify the position of the library for the OA and will be affected to the plan to contribute to the spread of OA in Korea and to the follow-up task plan.

## 10. Strengthening of the Research Capacity

### 10.1. Publishing of the Issue Paper

The National Library of Korea promoted to publish the 『Issue Paper of the National Library of Korea』 to share the research performance for the field of literary and information science and the issues of the library's key projects and to improve the research capacity of the employees in 2021. It is an online material that is published including research performance derived from the task-related research groups, the latest policies, and the material research, trend analysis and others for the long-term challenges in PDF format.

In 2021, the library published a total of 8 issue papers awarded to the authors of Vol.1 ‘The library’s online service and privacy’ and Vol.6 ‘The current status and development plan for the library’s digital media literacy education’ selected by review. These materials have been made available on the website of the National Library of Korea so that everyone can use them.

<Table 10-1> The Publication Status of the 『Issue Paper of the National Library of Korea』

Vol.	Title	Author
1	The library’s online service and privacy	Choi Yoon-Kyung
2	The post-COVID-19 operation strategy of the national library	Kim Jeong-Eun, Kang Hye-Seon
3	The library operation in the metaverse era	Jeong Jae-Won
4	The establishment and operation cases and development direction of the library makerspace	Kim Hyeon-Seong
5	The digital preservation strategy for visual and audio materials in the new media era	Park So-Yeon, Lee Yeon-Su
6	The current status and development plan for the library’s digital media literacy education	Choi Won-Sil
7	The new approach for the characteristics and scope of the old and rare books	Ok Young-Jung, Lee Hye-Eun, Yoo Choon-Dong, Kim Hyo-Kyung
8	The Library’s statistics analysis service plan	Jeong Hui-Cheon, Sa Eui-Kyung

## 10.2. The Operation of the Research Groups

The National Library of Korea operated the ‘Research Groups of the National Library of Korea’ to creatively perform the task with self-directed learning and to strengthen the professionalism of the public service. In 2021, 3 research groups which are the ‘Research Group on the Registration System of the National Key Library Materials’, the ‘Research Society on the History of the National Library of Korea’ and the ‘Research Group on the Data and Text Analysis of the Library’ performed the research by utilizing the diverse methods of searches and research, the special lectures of the experts, free discussions etc. from February to November. In December, the library reported the final result and selected the ‘Research Group on the Registration System of the National Key Library Materials’ as the best research group, and published 『NLK’s Research Group Result Report』 as a report that shared it in the library and utilized the reference for tasks.

<Table 10-2> The Research Groups of The National Library of Korea in 2021

Group or Society	Purpose	Key Research Result
Research Group on the Registration System of the National Key Library Materials	Review the sub-criteria to introduce the 'Registration System of the National Key Library Materials' of the amendment (draft) of the Library Act suggested from the research service	<ul style="list-style-type: none"> <li>• Search for similar domestic and overseas system and the key material status for the domestic and overseas key libraries</li> <li>• Suggest the registration system (draft) and regulations (draft) for the registration system of the national key library materials</li> </ul>
Research Society on the History of the National Library of Korea	Consider the history of the National Library of Korea based on the research on Lee Jae-Uk, the Director of the National Library of Korea	<ul style="list-style-type: none"> <li>• Research the pre- and post-liberation status at the time when the National Library of Korea was opened</li> <li>• Search, translate and transcribe the works on Lee Jae-Uk before and after liberation.</li> </ul>
Research Group on the Data and Text Analysis of the Library	Research the theory to quantitatively analyze and interpret the regular and irregular data housed by the library and the plan to apply it to the library service	<ul style="list-style-type: none"> <li>• Practice the programming languages and diverse tools to process the text data</li> <li>• Perform the pilot research utilizing library-related text data</li> </ul>

## 11. Domestic and Overseas Cooperation

### 11.1. The Exchange and MOU Conclusion with Overseas Libraries

The National Library of Korea has carried out the regular business exchange that shares the technology and experiences of the library and promotes mutual cooperation overseas with the national libraries of China and Japan from 1997 onwards and Russia and numerous other national libraries from 2007. In 2021, the library cancelled its business exchange with the National Library of China and Russian State Library (RSL) due to the spread of COVID-19 and performed such exchanges with the National Diet Library, Japan (Chief Executive Yoshinaga Motonobu) via online video conferencing.

The online business exchange between the National Library of Korea and Japan focused on the topic of the 'digital transformation of the national library and its response plan' to prepare for the post-coronavirus era on Thursday, October 28, 2021. It commenced with the greetings of the 2 library's chief executives and presented the operation strategy of both countries in the post-coronavirus era from the 'keynote report'.

First, it shared the visions of both countries from the perspective of Japan being the Digital Transformation of the National Diet Library, Japan from 2021 to 2025 (presented by Yoshie Uwabo, Planning Manager of the General Affairs Department) and Korea the Operation Strategy of the National Library in the Post-coronavirus Era (presented by Choi Won-Seok, the Manager of the Planning and Coordination Division of the Planning and

Training Department). The ‘topic presentation’ exchanged the opinions for the expertise, technology and policy of the 2 libraries from the Preparation for the Digital Transformation of the National Library of Korea – Strategy and Promotion Plan (presented by Kwon Jeong-Im, Deputy Director, Knowledge and Information Services Division of the Digital Library Department, the National Library of Korea) and the Latest Trends on Digital Transformation (Hisanori Tanaka, Head of the Digital Information Department, the National Diet Library, Japan)



[Fig. 11-1] The Online Business Exchange between the National Libraries of Korea and Japan

In 2021, the library selected the University of Sheffield as a new organization of WOK (Window on Korea) to promote Korean Studies and expand the range of international cooperation and provided a total of 6,430 books (items) to 20 existing and new organizations who installed the WOK. Also, the library supported the cultural events (Korean Studies lecture, Korean Cooking class, and others) connected with the local Korean Culture Center to 5 WOKs in Freie Universitaet Berlin, Universidad de Malaga etc.

The National Library for Children and Young Adults invited Eric CHIN, Singapore General Counsel, Legal Division, National Library Board as the presenter of the 13th International Symposium on the Library Service for Children and Young Adults, 2021 (October 6, 2021) and carried out (replaced) the Korea-Singapore exchange in 2021. Eric CHIN shared the knowledge and information for the latest trends of Singapore’s publishers and libraries with the topic of the ‘Copyright reform to expand access to the digital collection’ After the presentation, a Q&A session was arranged to communicate with domestic and overseas librarians and the library’s staff.

As the National Library of Korea newly concluded the MOU with the Qatar National Library (Chief Executive Sohair F. Wastawy) and the National and University Library in Zagreb (Chief Executive Ivanka Stričević) in 2021, the library established the cooperation relationship with 19 organizations in 17 countries and 1 international organization. The keynote of the MOU shares the information and experiences, exchanges and visiting

employees, exchanges publications and shares the knowledge and information materials. Through this MOU, the library arranges the fundamentals to strengthen international cooperation and exchange as well as to share information and experiences with the Qatar National Library and the National and University Library in Zagreb.

<Table 11-1> The MOU Conclusion with Overseas Libraries

No.	Country	Data	Effective Period	Library
1	Japan	July 16, 1997	Permanent	National Diet Library, Japan
2	China	November 28, 2003	Permanent	National library of China
3	Russia	May 20, 20005	4 years, automatic renewal	Russian State Library
4	Czech	September 2, 2005 August 17, 2007	4 years, automatic renewal 2 years, automatic renewal	National Library of the Czech Republic
5	UK	August 23, 2006	3 years, renewal by mutual agreement	The British Library
6	Republic of South Africa	August 23, 2006	4 years, automatic renewal	National Library of South Africa
7	Egypt	August 24, 2006	3 years, automatic renewal	Egyptian National Library and Archives
8	Egypt	December 5, 2006	5 years, automatic renewal	Bibliotheca Alexandrina
9	Tunisia	December 2, 2006	4 years, automatic renewal	National Library of Tunisia
10	UN	May 11, 2007	Permanent	UNWTO ST-EP
11	Morocco	August 12, 2008	4 years, automatic renewal	National Library of Morocco
12	Vietnam	April 20, 2009	4 years, automatic renewal	National Library of Vietnam
13	Mongolia	November 12, 2009	4 years, automatic renewal	National Library of Mongolia
14	Iran	March 10, 2010	4 years, automatic renewal	National Library and Archive of Iran
15	France	December 9, 2011	2 years, automatic renewal	National Library of France
16	Indonesia	May 28, 2012	3 years, renewal by mutual agreement	National Library of Indonesia
17	Tajikistan	April 24, 2014	4 years, renewal by mutual agreement	National Library of Tajikistan
18	Russia	November 14, 2019	3 years, automatic renewal	The National Library of Russia
19	Qatar	June 22, 2021	Permanent	Qatar National Library
20	Croatia	July 5, 2021	3 years, automatic renewal	National and University Library in Zagreb

## 11.2. IFLA Standing Committee Member

Since the National library of Korea became a member of the IFLA (International Federation Library Association) in 1969, the library has continuously participated in the annual general assembly of the IFLA and WLIC (World Library and Information Congress) and actively exchanged with overseas libraries.

As of the end of December 2021, the library has joined up with 23 professional divisions of the National Libraries in division and others from the IFLA's divisions and 5 employees of the library have been newly elected as a standing committee member of the IFLA's divisions which are Government Libraries (Kim Hyeon-Ju, Assistant Deputy Director), Gov Info and Official Publications (Kim Hye-Rin, Assistant Deputy Director), Preservation and Conservation (Jeong Hui-Su, Curator), Information Technology (Lee Yeon-Su, Curator), Literacy and Reading (Kim Hyeon-Ok, Assistant Deputy Director), and others in 2021 who have participated in an individual standing committee meeting and projects.

<Table 11-2> IFLA Standing Committee Members

Section	Division	Joining	Standing Committee Member	Term
Library Types	1. Library Types	○	Park Ju-Ok	2019~2023
	2. Academic and Research Libraries			
	3. Library and Research Services for Parliaments			
	4. Government Libraries	○	Kim Hyeon-Ju	2021~2025
	5. Social Science Libraries			
	7. Science and Technology Libraries			
	8. Public Libraries	○		
	11. School Libraries			
	28. Health and Biosciences libraries			
	30. Art libraries			
	31. Libraries Service People with Print Disabilities	○		
	46. Metropolitan libraries			
	48. Law Libraries			
Library Collections	14. Acquisition and Collection Development	○		
	15. Document Delivery and Resource Sharing	○		
	16. Serials and Other Continuing	○		
	17. Gov Infor and Official Publications	○	Kim Hye-Rin	2021~2025
	18. Rare Books and Special Collections	○		
	19. Preservation and Conservation	○	Jeong Hui-Su	2021~2025
	35. Audiovisual and Multimedia			
	37. Local History and Genealogy	○		
	39. News Media			
	49. Environment, Sustainability and Libraries			

Section	Division	Joining	Standing Committee Member	Term
Library Services	9. Library Service to People with Special Needs	○		
	10. Libraries for Children and Young Adults	○	Park Su-Hyeon	2019~2023
	12. Bibliography	○		
	13. Cataloguing	○		
	21. Information Technology	○	Lee Yeon-Su	2021~2025
	29. Subject Analysis and Access	○		
	32. Library Services to Multicultural Populations	○		
	33. Literacy and Reading	○	Kim Hyeon-Ok	2021~2025
	36. Reference and Information Services	○		
	42. Information Literacy			
	47. Knowledge Management			
	50. Indigenous Matters			
Support of the Profession	20. Library Buildings and Equipment			
	22. Statistics and Evaluation			
	23. Education and Training	○		
	24. Library Theory and Research	○	Kim Jeong-Eun	2019~2023
	34. Management and Marketing			
	40. Management of Library Associations			
Regions	43. Continuing Professional Development and Workplace Learning			
	25. Africa			
	26. Asia and Oceania	○		
	27. Latin America and Caribbean			

\* Existing Member: 3 people (2019~2023) / New Member: 5 people (2021~2025)

### 11.3. The Cooperation Seminar to Commemorate the 76<sup>th</sup> Anniversary of the Opening of the National Library of Korea

The library held the ‘Cooperation Seminar to Commemorate the 76<sup>th</sup> Anniversary of the Opening of the National Library of Korea’ to commemorate the 76<sup>th</sup> anniversary of the opening and live streamed it via the library’s YouTube channel.

This seminar progressed with the cultural event performed by the K-Philharmonic Orchestra which was then followed by the commemorative speech of Suh Hye-Ran, Chief Executive, National Library of Korea and the congratulatory remarks offered by key

figures who included Shin Ki-Nam, Chairperson, Presidential Committee on the Library and Information Policy of Korea, Hyun Jin-Kwon, Chief of Librarians, National Assembly Library, and Yu Sang-Jae, President, Supreme Court Library of Korea

In particular, this year ran with the commemorative video to achieve the collection of 13,000,000 volumes and introduced the 'Librarian's Daily Log'. The National Library of Korea restored the 『Librarian's Daily Log (司書部日誌)』 of the historical material to commemorate the achievement of the collection of 13,000,000 volumes, then digitized, explained and published the 『Librarian's Daily Log (explanation)』 of a commemorative book. It is comprised of a total of 7 books such as the business daily log written by the librarian department of the National Library of Korea from 1945 to 1954. The 『Librarian's Daily Log (explanation)』 published in this year is the log for the year covering 1948 which has been reborn as the commemorative book to achieve the collection of 13,000,000 volumes for which the National Library of Korea provided the materials and the Library Research Society of Korea meticulously planned.

Then, this seminar gave awards to the top people for cooperative business and to the individual projects of the National Library of Korea, held a special lecture and presented the best practice of the awarded organizations.

This seminar linked the 76<sup>th</sup> anniversary opening ceremony to the 'Cooperation Seminar of the National Library of Korea' with the YouTube channel and attracted the participation and responses from large selection of the library's people. In addition, it was an opportunity to promote the history and performance of the National Library of Korea and assures its new leap from the ceremony to achieve the collection of 13,000,000 volumes.

<Table 11-3> The Contents of the Cooperation Seminar to Commemorate the 76<sup>th</sup> Anniversary of the Opening

Program	Contents
Culture event before the ceremony	K-Philharmonic Orchestra
Commemorative speech	Suh Hye-Ran, Chief Executive, National Library of Korea
Congratulatory remarks	<ul style="list-style-type: none"> <li>• On-site : Shin Ki-Nam, Chairperson, the Presidential Committee on Library and Information Policy of Korea</li> <li>• Video : Hyun Jin-Kwon, Chief of Librarians, National Assembly Library, Yu Sang-Jae, President, the Supreme Court Library of Korea</li> </ul>
Video	Run the commemorative video for the achievement of the collection of 13,000,000 volumes and introduce the 『Librarian's Daily Log (司書部日誌)』
Award	<ul style="list-style-type: none"> <li>• Top people <ul style="list-style-type: none"> <li>- Cooperation business, Ask a Librarian, OAK</li> </ul> </li> <li>• Contest <ul style="list-style-type: none"> <li>- The ideas and best practices to innovate the library</li> <li>- The best practices and ideas to utilize the library's big data</li> <li>- The character of citizen participation in the press corps</li> </ul> </li> </ul>



Program	Contents
Special lecture	<ul style="list-style-type: none"> <li>Attract the Generation MZ - 5 keywords of the MZ trend (Jeong Eun-Woo / the head of Planning and Innovation Center, UNIV TOMORROW)</li> </ul>
Best practice presentation	<ul style="list-style-type: none"> <li>Public library - the establishment of a win-win reading ecosystem culture by cooperating between local book stores and publishers (Busan Metropolitan Simin Library)</li> <li>Wise Library Teacher Life : Focused on the required environment life (Mandeok Middle School)</li> <li>Library Marketing that Utilizes Gamification in the Metaverse Era (Mapo Lifelong Learning Center)</li> </ul>



[Fig. 11-2] The Cooperation Seminar to Commemorate the 76<sup>th</sup> Anniversary of the Opening

#### 11.4. Co-Hosting of ICoASL 2021

The National Library of Korea (NAPI : National Association for Policy Information) held the '7th International Conference of Asian Special Libraries' (hereafter referred to as ICoASL 2021) in collaboration with KSLA (Korea Special Library Association), KISTI (Korea Institute of Science and Technology Information) on Wednesday, November 24, 2021 at 13:00~16:00.

ICoASL which is the international conference hosted by SLA (Special Libraries Association) Asia Community biennially held since it was first held in Delhi, India in 2008. It was held for a second time in Korea after 2015 that was originally planned to be held

at the International Conference Hall of the National Library of Korea, but eventually the decision was made to hold live-streaming due to the severity of the Asian countries' COVID-19 status. 222 librarians from the Asia special libraries participated in this live-streaming conference and 122 librarians who found it difficult to participate at the time because of the time difference participated in the conference via a catch-up service.

ICoASL 2021 presented the topic of 'Envisioning the future of the Library in the Post-Coronavirus Era' which included the representative speech from participant countries, the keynote lecture of the experts, and an excellent paper session of Asia's special librarians.

It began as the inauguration of Suh Hye-Ran, Chief Executive, National Library of Korea, followed by the greetings from co-chairman Kim Jae-Soo President, the Korea Institute of Science and Technology Information, and the congratulatory remarks given by Shin Ki-Nam, Chairperson, the Presidential Committee on Library and Information Policy of Korea, Hyun Jin-Kwon, Chief of Librarians, National Assembly Library, and Nam Young-Joon, Chairperson, the Korean Library Association. Also, the representative speeches were live-streamed from the participant countries of India, Indonesia, the Philippines and others as well as the congratulatory messages of Debal C Kar, President, Asia Community of SLA.

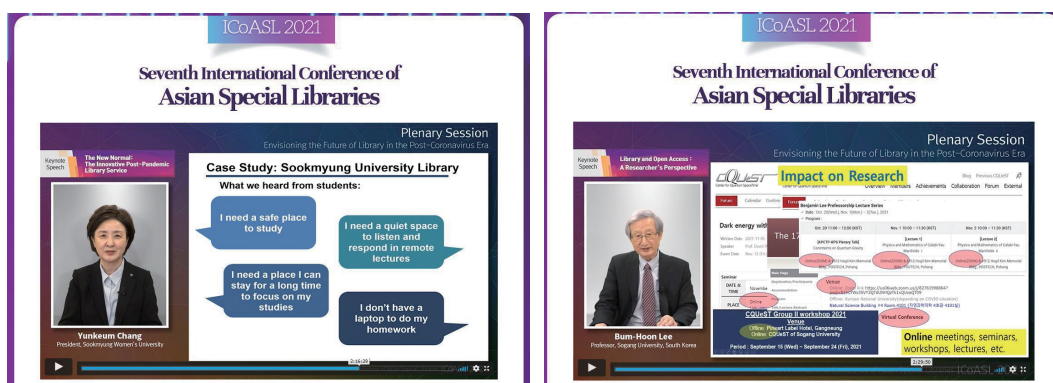
The opening event was followed by the lectures of the domestic and overseas eminent scholars for the agenda related to the library of COVID-19, the digital transformation, and others and the progressive future etc. Following on from that was the plenary session by keynote speakers indicating the 'Libraries trends after the pandemic,' by Catherine Lavallée-Welch, President-elect, Special Libraries Association, 'The New Normal: The Innovation Post-Pandemic library Service,' by Chang Yun-Keum, President, Sookmyung Women's University, and 'Library and Open Access: A Researcher's Perspective' of Lee Bum-Hoon, Professor, Sogang University, South Korea.



The inauguration of Suh Hye-Ran, Chief Executive, the National Library of Korea



The Theme Presentation of Catherine Lavallée-Welch, President-elect, Special Libraries Association



The Theme Presentation of Chang Yun-Keum, President, Sookmyung Women's University

The Theme Presentation of Lee Bum-Hoon, Professor, Sogang University, South Korea

[Fig. 11-3] ICoASL 2021

The selection of the excellent papers of the Asian countries by ICoASL 2021 are posted on the conference website for all participants to download and read. In particular, the 29 excellent papers of the 'Library transformation through the Open Virtual Literacy(OVL) during the Covid-19 Pandemic' and others are posted on the website that shares the latest information and discussion for Asia's special libraries.

The excellent papers include the 'Case Study on Sharing and Cooperation on East Asian Digital Resources: Focusing in the East Asia Digital Library(EADL) pilot service' Kim Hye-Ryeon, Deputy Director, Digital Initiatives Division and 'The Changing Experiences of the Researchers in the Pandemic: Survey in Research Behavior during the COVID-19 Pandemic at the National Library of Korea' which is the joint paper of Kim Jeong-Eun, Deputy Director, Planning & Coordination Division and Park Ji-Won, Assistant Deputy Director, Policy Material Division.

ICoASL 2021 led the performance from the librarians of Asia's special libraries of India, Indonesia, Philippines and others as well as Korea who all actively participated and positively shared their experiences in responding to COVID-19 and the latest information, and provided an opportunity to cooperate with each other, overcome COVID-19 and assure mutual cooperation between the wonderful communities of Asia's libraries. In addition, as it connected Asia's library communities to create an integrated community and provided a place to encourage its community to blossom, it assessed the benefits of upgrading the global position of Korea's library community.

## 11.5. The Workshops and Seminars for Librarian Education

The National Library of Korea which is the education and training institute for the library's employees changed the existing face-to-face education to contact-free education to prevent the spread of the COVID-19 infection in 2021 that newly planned and operated the educational workshops and seminars by utilizing the diverse online platforms of the online conferencing programs, YouTube, metaverse and others.

The Capacity Development Seminar of the Librarian (May 28, 2021) had the topic of 'In the COVID-19 Pandemic Era, The Opportunity of Digital Transformation' that invited the senior Korean librarians of the University of the Chicago Library and San Jose Public Library as a lecturer, shared the change and response cases of the overseas libraries, and arranged an online Q&A session with the librarian of the University of Chicago Library in real time.

In addition, it included a special lecture on 'The Role and Capacity of the Representative Library of the Country in the COVID-19 Pandemic Era' by Suh Hye-Ran, Chief Executive, National Library of Korea and 'In the Ontact (Online-Contact) Era, How to change and What libraries need to do to lead the digital transformation' of the online discussion performed by Lee Jee-Yeon, Professor, Yonsei University Department of the Library and Information Science that arranged an opportunity which considered the role and value of the library in the contact-free era.

<Table 11-4> The Schedule of the Capacity Development Seminar of Librarians 2021

Timetable		Description
09:10 ~ 09:30	20'	Entrance and Seminar Introduction
09:30 ~ 10:00	30'	<ul style="list-style-type: none"> <li>• [Special Lecture] The Role and Capacity of the Representative Library of the Country in the COVID-19 Pandemic Era <ul style="list-style-type: none"> <li>▶ Suh Hye-Ran (Chief Executive, National Library of Korea)</li> </ul> </li> </ul>
10:00 ~ 11:30	90'	<ul style="list-style-type: none"> <li>• [Overseas Case 1] The Current Status and Change of US University Libraries in the COVID-19 Period <ul style="list-style-type: none"> <li>▶ Park Ji-Yeong (Librarian, the University of Chicago Library)</li> </ul> </li> </ul>
11:30 ~ 13:00	90'	<ul style="list-style-type: none"> <li>• [Culture Lecture] The Cure and Healing for Librarians <ul style="list-style-type: none"> <li>▶ Ha Jee-Hyun (Professor, Konkuk University, the Author of Psychiatrist's Library)</li> </ul> </li> </ul>
13:00 ~ 14:00	60'	Rest & Lunch
14:00 ~ 15:30	90'	<ul style="list-style-type: none"> <li>• [Overseas Case 2] The COVID-19 Response Cases of US Public Libraries <ul style="list-style-type: none"> <li>▶ Lee Eun-Jin (Librarian, San Jose Public Library)</li> </ul> </li> </ul>
15:30 ~ 17:00	90'	<ul style="list-style-type: none"> <li>• [Comprehensive Discussion] <ul style="list-style-type: none"> <li>▶ Moderator : Lee Jee-Yeon, Professor, Yonsei University Department of Library and Information Science</li> <li>▶ Panel : Lee Jung-Soo (Chief Executive, Seoul Metropolitan Library), Chang Durk-Hyun (Professor, Library, Archive and Information Studies, Pusan National University)</li> </ul> </li> </ul>
17:00 ~ 17:10	10'	Completion Ceremony

‘The 8<sup>th</sup> Librarian Meeting - 15 Minutes to Change the Library’ (September 28, 2021) which is a representative seminar of the National Library of Korea that has received attention as emotional education drew the communication and empathy between librarians all over the country from 2014. This year, the meeting was held online for the first time and minimized the on-site participants according to the COVID-19 disinfection guidelines and live-streamed by the YouTube channel of the National Library of Korea, displaying the possibility to sufficiently exchange people and develop empathy.

In particular, the ‘Library Video Contest’ first planned earlier in the year received the video in which the librarians directly produced the materials of the ‘libraries, books and librarians’ in advance, opened them on site on the day of this workshop and awarded the prize of the chief executive of the National Library of Korea via a real-time voting. A total of 9 videos which highlighted the additional talents of the librarians were shown: the video which drew on the librarians’ daily life such as ‘Should I wear the mascot costume 2 days after receiving the Janssen vaccine?’ and the video in which the library becomes a friend.

<Table 11-5> The 8<sup>th</sup> Librarian Meeting - 15 Minutes to Change the Library

Timetable		Description
10:00~10:30	30’	Introduction and Ceremony
10:30~12:00	90’	<ul style="list-style-type: none"> <li>• [Special Lecture] How does beauty begin?  ▶ Jeon Won-Kyung (Professor, Sejong Cyber University)</li> </ul>
12:00~13:00	60’	Lunch
13:00~15:30	150’	<ul style="list-style-type: none"> <li>• [Video Presentation] Challenge, the Video I Produced</li> <li>• [Case Presentation] A Librarian, My Story</li> <li>• [Award Ceremony] The Awards of the Video Winners (The prize of the Chief Executive, The National Library of Korea)</li> </ul>
15:30~17:00	90’	<ul style="list-style-type: none"> <li>• [A Meeting with an Author] ‘Complete Happiness’, Author Jeong Yoo-Jeong</li> </ul>
17:00~17:30	30’	Completion Ceremony

‘Library Leadership (CEO) Workshop’ (October 23, 2021) was operated by utilizing the metaverse meaning the 3D surreal world and online learning platforms. The library leaders (chief executive) solved and presented the hidden problems in the virtual world expanded via games and others in the metaverse platforms of ‘ZEPETO’ and ‘Gather.town’. On the remote learning platform, they listened to a special lecture on ‘Digital Transformation and Coaching Leadership’ by Professor Lee Chan, Seoul National University and intensively discussed the communication strategy to resolve the generational conflict within the organization. This workshop is significantly meaningful as the library leaders from all over the country received the participation-focused education in the virtual world of the metaverse and the online learning platform.





[Fig. 11-4] Library Leadership (CEO) Workshop - Metaverse

## 12. Strengthening the Service for Children and Young Adults

### 12.1. The Expansion of the Young Adult Programs Linked to the Free School Year System

The library operated the 'Young Adults! Find the Future in a Library' program by fully implementing the free school year system. This program provided creative activities and others focused on the interesting exploration and experience that young adults can search for their chosen careers in a library. The library planned programs with the topics related to the young adult's jobs such as 'The Future Jobs Meeting in a Library', 'The Global Citizen Education for Young Adults', 'Book Talk, Meeting with an Author' and others as well as the creative programs related to Industry 4.0.

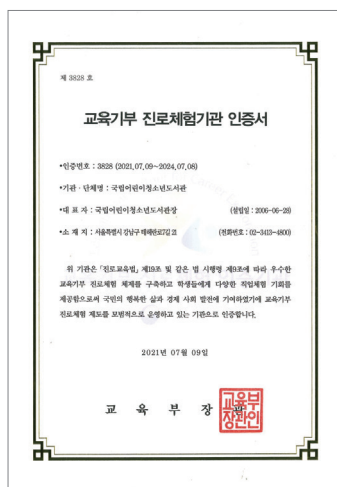


[Fig. 12-1] Young Adult Programs and Posters Linked to the Free School Year System

In 2021, the library fully reorganized the existing offline programs to online programs so as to continue during COVID-19 and expand and operate the programs for middle schools all over the country as well as in metropolitan areas. In particular, the library included islands and mountainous areas with relatively small opportunities to connect with

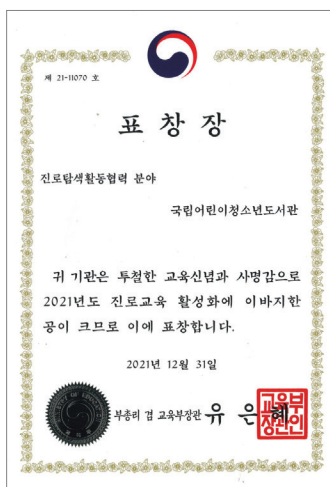
career programs such as ‘Yokji Middle School’ and others, selected 28 schools all over the country and operated career programs for a total of 538 young adults who participated in diverse programs.

In the previous July, the National Library for Children and Young Adults carried out the programs linked to the free school year system that was selected as the Educational Partner for the Career Experience. The ‘Certification System for the Educational Partner for Career Experience’ is a system which discovers and manages the institutes providing the high-quality opportunities of career experiences to young adults under the 「Career Education Act」 that is effective for 3 years. In addition, the National Library for Children and Young Adults and the program staff received a commendation for the program linked to the free school year system from the ‘Career Education Commendation 2021’ of the Ministry of Education at the end of this year.



[Fig. 12-2]

Education Donation Certificate



[Fig. 12-3]

Career Education Commendation

## 12.2. The installation of the Cho Dae-Hyun Collection of the Children’s Book Writer

The National Library for Children and Young Adults received donations for the rare materials on a children and young adult field housed by individuals from 2006 and installed and operated the individual collection to preserve and pass them to the national literature materials and to provide them with research materials.

In 2021, the National Library for Children and Young Adults registered 2,279 books (items) of the materials related to children and young adult literature donated by the children’s book writer Cho Dae-Hyun (曹大鉉), installed the Cho Dae-Hyun collection in resource rooms and held the donation ceremony on August 9.

The donation materials included the rare materials which elicit an understanding of the

publishing and printing culture in 1970s that the illustration of an artist Kim Jung included in the first fairy tales the 『House of Mirrors』(1972, Gyeongjisa) by the writer Cho Dae-Hyun, the paper mold of 『Beombawigol's Hawk』 published by the letterpress printing in 1976 and the copper plate of illustrations used for printing illustrations in printing houses and others. It also received the donation of the modern and contemporary children's literature as well as the writer's handwriting manuscripts and the scrapbook related to children's literature.

Writer Cho Dae-Hyun is the representative doyen of Korean children's literature who created fairy tales for 50 years and started his literary career with 『Yeongi's Dream』 a fairy tale selected from the Seoul Shinmun literary contest in 1966. He won the prize at the Korean Children's Literature Award in 1976, from Socheon Children's Literary Award in 1992, Bang Jung-hwan Children's Literary Award in 1996, Cho Yeon-Hyeon Literary Award in 2013, and others. He has approximately 40 fairy tales in his books of 『Beombawigol's Hawk』(1976, Gyeongjisa), 『A Hillbilly on the Asphalt』(1992, Daekyo) and others.

In the research materials room, a total of 7 individual collections which have contributed to developing Korean children's literature from the 『Kang So-Cheon Collection』, 『Bark Hong-Guen Collection』, 『Yoon Suk-Joong Collection』 in 2006, 『Ma Hae-Song Collection』 in 2011, 『Cho Heun-Pa Collection』 in 2012, 『Hong Seong-Chan Collection』 in 2017 to the 『Cho Dae-Hyun Collection』 in 2021 are installed that are utilized for the benefit of diverse academic research.



[Fig. 12-4] Presenting the Appreciation Plaque to Writer Cho Dae-Hyun (曹大鉉) and Installing his individual collection



### 12.3. The Immersive Playground for Children and Young Adults

The National Library for Children and Young Adults develops diverse contents and programs by adding the high-tech immersive technology in which children and young adults are familiar to the technology of Industry 4.0 and develop the integrated thinking ability and creativity.

The ‘Interactive Storytelling’ is a program which applies virtual reality technology to the storytelling that children can experience as a hero or heroine in a fairy tale. In 2021, <Dinosaur> and the <Universe> of 5-side and 3D immersive contents are produced by collaborating with the Electronics and Telecommunications Research Institute as the multi-party collaboration project (2019~2022) from the R&D project of the Ministry of Culture, Sports and Tourism. The library produced content from the traditional fairy tale <The Red Fan and the Blue Fan> content (Korean/English) and distributed it to participating organizations. A total of 70 organizations participated in the interactive storytelling in 2021.

The ‘MR Fantastic Fairy Tale’ is the fused and complex content of a fairytale based on mixed reality first developed for the first time in Korea. Children and young adults wear HoloLens, interact with characters and materials in a fairy tale, directly lead the story and perform the linked theme activities. The library produced 2 contents of <One Summer’s Day> and <A Nymph of a Lamp> that provides more distinct experience opportunities than the AR/VR content.

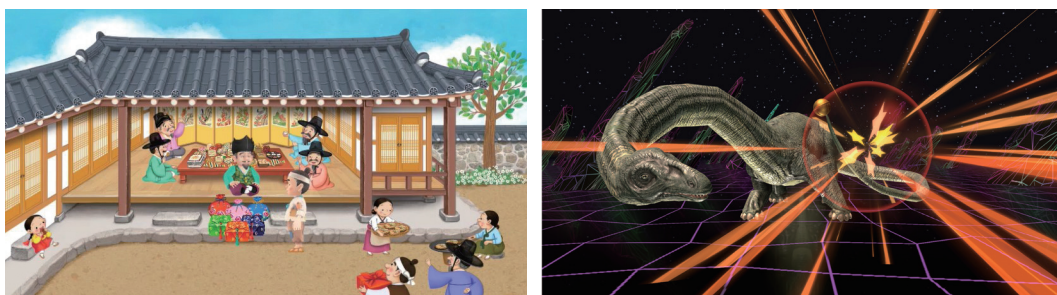
The ‘AR Mission’ which is a hands-on program for individual teams by utilizing the Beacon location recognition and AR technology additionally developed 2 contents. Based on the world’s greatest novels (8 books) such as 『The Old Man and the Sea』 and Korean classic novels (8 books) such as 『The Life of Ms. Park』, diverse ages perform the adventurous missions from key scenes that newly approach the books and are keenly interested in them.

Also, the ‘AR Fairy Tale’ which can be enjoyed on a large display is additionally developed. In 2021, the library produced 『Heungbu and Nolbu』, 『The Golden Ax and the Silber Ax』, 『The Fox and the Grapes』. AR fairy tales progress with the story under the interaction if Kinect recognizes the movement of the user. Children feel the pleasure of the physical activities and can experience the content of a fairy tale.

Out of them, the library developed and distributed the application of the ‘XR Book Game’ which realizes the excellent picture book through the use of digital immersive technology. 『One Summer’s Day』 (written by Ko Hye-Jin) applies XR (extended reality) that provides an immersive reading and experience after reading it in 6 languages (Korea/English/Chinese/Vietnamese/Thai/Mongolian).

As a result, the National Library for Children and Young Adults encompasses the latest immersive technology of VR, AR, MR and others and operates the ‘immersive playground’ realizing a total of 10 contents.

In the future, the National Library for Children and Young Adults shares the experience which applies new technology in advance and promotes the plan to distribute contents developed with the aim of many children and young adults enjoying and utilizing them.



[Fig. 12-5] Interactive Storytelling Content: <The Red Fan and the Blue Fan> and <Dinosaur>



[Fig. 12-6]

'MR Fantastic Fairy Tale' of a  
MR Fairy Tale Content



[Fig. 12-7]

'AR Mission' of an AR Interactive Program



**NATIONAL LIBRARY  
OF KOREA  
ANNUAL REPORT  
2021**





# Reference

1. The Key Business Plan in 2021
2. Division-Based Work Allotment 2021
3. Facilities
4. Employees
5. Statistics
6. Key Daily Log

## 1. The Key Business Plan in 2021

### 1.1 Policy Goal

The Nation's Representative Library Which Enriches the Life of People

#### 1.1.1 Promotion Goal

- Strengthen the position as the representative library of the country
- Promote the value of knowledge and information utilizing the latest technology
- Realize an active and friendly library service

### 1.2 Promotion Goal for an Individual Project

#### 1.2.1 Promotion Task 1: A library which collects and connects knowledge

1) Continuously discover the national knowledge resources with the best competitiveness

- Strengthen the comprehensive acquisition of national knowledge resources
  - Expand the comprehensive acquisition of national literature
  - Arrange the legal deposit regulation and guidelines and strengthen the national collection development policy
  - Strengthen the promotion to activate the legal deposit and encourage the cooperation of publishers and distributors
- Discover the national knowledge resources with competitiveness
  - Discover and acquire the Korea-related materials in foreign countries
  - Strategically acquire the policy and research information and humanities, culture, arts materials

- Discover K-content and acquire the specialized materials of diverse formats
- The acquisition of Korea's old and rare books and strengthen the utilization
  - Strengthen the acquiring ability of the domestic and overseas old and rare books
  - Discover the value of old and rare books and strengthen the utilization
  - Improve the access for old and rare books by establishing the AI-based automatic original texts
  - Strengthen the affiliate cooperation of old and rare books

## 2) Standardize the data of national bibliographies and upgrade the quality

- Standardize the data of national bibliographies and strengthen the international sharing activities
  - Standardize the data of national bibliographies
  - Internationalize the data of national bibliographies
- Upgrade the quality of national bibliographies
  - Provide the standard bibliography and improve the searching convenience by establishing the high-quality national bibliographies
  - Control the quality of the data of national bibliographies
- Strengthen to identify and connect data
  - Establish the national authority data and strengthen the utilization
  - Operate the registration ISNI and strengthen the cooperation
  - Operate ISBN and ISSN

## 3) Strengthen the preservation system of national knowledge resources

- Establish the preservation system of the national knowledge resources
  - Systematically manage and operate the national knowledge resources
  - Strengthen the scientific preservation and restoration process
- Improve the role as the nation's representative preservation and restoration center
  - Strengthen the role as a representative organization to preserve and restore materials
  - Establish the strategy of digital preservation and develop its technology

## 1.2.2 Promotion Task 2 : A library which connects knowledge and people

### 1) Establish the library culture to recover the community solidarity

- Establish a safe and convenient using environment
  - Improve a service environment for the safety of users
  - Establish the continuous disinfection and response cooperation between libraries
  - Operate the advanced reservation system to use the proper people and simplify the using procedure
- Recover the community solidarity and spread the value of the reading culture
  - Recover the community solidarity through participatory reading
  - Promote a diverse culture event to spread the leisure culture

### 2) Provide the next-generation knowledge and information service focusing on users

- Provide the convergence service of high-tech and knowledge and information
  - Open a 'New Media Experience Hall' of the space to utilize new technology convergence content (February)
  - Develop new technology convergence content and spread the service
  - Provide AI-based information service and programs
- Specialize children and young adult service
  - Operate and support the reading culture program for children and young adults
  - Support the researcher for children and young adults and strengthen the librarian capacity specializing in children and young adults
- Support the information service for vulnerable groups
  - Activate the library service for the elderly
  - Provide the multicultural service for foreigners residing in Korea

### 3) Support policy research and strengthen the specialized service

- Provide the academic research support service to improve their research abilities
  - Operate the CDRS (Collaborative Digital Reference Service) and Chaekbada (national mutual book service)
  - Develop and provide academic research support service
- Provide a positive and reliable policy information service
  - Provide a high-quality policy information service

- Strengthen a 'POINT Policy Information Portal' service in the contact-free era
- Strengthen the role of the policy hub of policy information organizations
- Serve the materials specialized to humanities, culture and arts fields
  - Provide the materials of humanities, culture and arts fields

### 1.2.3 Promotion Task 3: an intelligent library which opens the future

#### 1) Accelerate national literature to digital transformation

- Establish the national digital collection and serve the curation
  - Accelerate national literature to digital transformation
  - Comprehensively acquire the ccTLD (Country Code Top Level Domain) website (Web Archiving, OASIS) and web materials
  - Establish digital curation for individual themes
- Advance the digital archive system and preservation system
  - Establish the next-generation integrated data management system (2nd)
  - Establish the plan to store the high-resolution master files of the library
  - Designate digital information resources and strengthen a separate preservation system

#### 2) Strengthen a data-based intelligent service

- Research and develop the next-generation library service
  - Establish and manage a 「3-Year Plan on Digital Services (2021~2023)」
  - Develop the next-generation intelligent library service
  - Apply new technology to improve library work efficiency
- Strengthen the data-focused intelligent information service
  - Establish the system to analyze and utilize the big data of a library and encourage sharing of them
  - Expand to utilize data by developing the body-text search system for the digital full-text
- Arrange the operating system of a library based on statistics
  - Establish the medium and long-term ISP (Information Strategy Planning) to build the statistics system of a library (March)
  - Establish the pilot of a statistical information system by utilizing AI, big data and others (November)



### 3) Realize a boundaryless library

- Share and cooperate the digital resources for a boundaryless library
  - Expand disclosable digital resources
  - Establish the cooperation system to share digital resources
- Strengthen to link the information systems of libraries all over the country
  - Arrange the information system to freely use between libraries all over the country
  - Promote to convert the library system to Cloud for a stable service
  - Develop an integrated viewer which allows users to conveniently view diverse materials

### 1.2.4 Promotion Task 4: a library which improves and practices its capacity as the Nation's representative library

#### 1) Guarantee leadership as the nation's representative library

- Strengthen the systemic base
  - Promote to amend the acts of the 「Library Act」 and others according to social change
  - Introduce the system to obtain outstanding human resources
- Expand the scope of the organization and arrange the development plan
  - Promote the establishment of the National Library of the Korea Data Preservation Center (Pyeongchang) to complete the preservation responsibility of national literature
  - Arrange the establishment of the National Library HRD Center (draft) for specialized education
- Improve the competitiveness through the innovation of organizational management
  - Encourage the improvement of the efficiency and productivity of the business
  - Re-arrange the organization to perform the diverse special roles

#### 2) Develop the leading human resources of a library

- Strengthen the capacity of internal employees
  - Support domestic and overseas research activities to strengthen the capacity to respond to current issues
  - Expand diverse and specialized employee education and training

- Strengthen the hub functions of HR specialized education
  - Innovate the operating base as an education and training organization specialized in the human resources of a library
  - Cultivate the experts to respond to library changes
  - Establish the contact-less education environment by utilizing the digital platforms
  - Expand to the virtuous circle of the education performance by substantializing the education assessment system

### 3) Strengthen and promote the sustainable cooperation system between libraries

- Promote continuous cooperation between libraries
  - Strengthen mutual cooperation with the affiliates of national libraries and others
  - Expand to exchange with overseas libraries for international conferences and others
  - Expand a new Korean Wave (Hallyu) by supporting Korean studies in foreign countries
- Pursue an endless communicating library
  - Diversify the communication channels to improve the image as the nation's representative library
  - Promote a library through VR-based distinctive contents

## 2. Division-Based Work Allotment 2021

Division	Work Allotment
General Affairs Division	<ol style="list-style-type: none"> <li>1. Security and official seal &amp; storage</li> <li>2. The receiving &amp; dispatching, control, publication and preservation of documents</li> <li>3. Matters related to the public official's personal management of the appointment, service, training, pension and others</li> <li>4. Audit, rewards and punishment and inspections</li> <li>5. The receipt and treatment of general civil petitions</li> <li>6. Matters related to the on-duty orders and overtime orders</li> <li>7. Matters related to the parking lot and vehicle operation</li> <li>8. Matters related to the designation of the closed dates</li> <li>9. Matters related to the certificate issuance</li> <li>10. Matters related to the operation of a workplace civil defense unit</li> <li>11. Matters related to employee welfare</li> <li>12. Matters related to the contract, expenditures and settlement of accounts</li> <li>13. Matters related to the purchase and commodity management</li> <li>14. Matters related to the state property management</li> <li>15. Affairs related to salary payments</li> <li>16. Other accounting and relevant affairs</li> <li>17. Matters related to the appointment and dismissal of public officials in the accounting service</li> <li>18. The management, landscaping, cleaning and firefighting of the office facilities</li> <li>19. Matters related to the facility maintenance</li> <li>20. Matters related to the facility construction</li> <li>21. The management of irregular workers in the public sector (facility and beautification)</li> <li>22. Matters uncontrolled by other divisions</li> </ol>
Planning & Coordination Division	<ol style="list-style-type: none"> <li>1. The establishment and promotion of the medium and long-term development plan of the National Library of Korea</li> <li>2. The establishment and promotion of the action plan to develop the library</li> <li>3. Instruction, support and cooperation for domestic libraries</li> <li>4. The establishment, adjustment and review analysis of the key business plans</li> <li>5. Matters related to the legislation, amendment and repealing of the laws</li> <li>6. Matters related to the legislation, amendment and repealing of the regulations in a library</li> <li>7. Matters related to the national assembly and public parties</li> <li>8. Matters related to the formulation and allocation of the revenue and expenditure budget</li> <li>9. Overall control of the affairs related to the library's self-statistics of the comprehensive report on statistics and others</li> <li>10. Matters related to the operation of the library cooperation network</li> <li>11. Matters related to the instruction and support for the library cooperation network project</li> <li>12. The management for the organization and prescribed number of the employees and organizational innovation</li> <li>13. The preparation of the internal executive council</li> <li>14. The affairs related to the branch libraries of the National Library of Korea</li> <li>15. Overall control of the affairs to improve the user's satisfaction of the National Library of Korea (including affiliated agencies)</li> <li>16. Matters related to the development and management of the library policy research</li> <li>17. Matters related to publishing the 「Library」 journal, an annual report and the history of the development of the library</li> </ol>

Division	Work Allotment
Planning & Coordination Division	18. Matters related to strengthening the self-research of the library and the research capacity of the employees 19. Matters related to the exchange and cooperation with academic societies.
Librarian Human Resources Development Division	1. The establishment and implementation of the plan for librarian education and training plan 2. The establishment of the medium and long-term plan for librarian education and training plan 3. The development of the librarian education and training course and the publication of the educational materials 4. Training for the employees of the diverse libraries 5. Matters on the overseas training of public officials in the librarians' post 6. The survey and analysis of the demand for education and training 7. The maintenance of school management and the statistics for education and training results 8. The management and operation of the education center and educational instruments and materials 9. The acquisition and exchange of the research materials for education and training 10. Matters related to the on-the-job training of a library for undergraduate students 11. The operation of the education course to develop the capacity of internal employees.
International Cooperation & Public Relations Team	1. The overall control and adjustment of the library's international affairs 2. The affairs on the exchange and cooperation with overseas libraries 3. The support of the activities of international library organizations and international conferences 4. Matters related to the exchange and cooperation between the South Korea-North Korea libraries 5. The establishment and implementation of the comprehensive plan for the library PR 6. Support the domestic and overseas media coverage and PR activities 7. The publication and distribution of PR publications 8. The installation and management of WOK (Window on Korea) in foreign countries 9. Affairs related to the operation of the global network for Korean studies librarians 10. Affairs related to the library tour 11. Affairs related to the operation of the online PR such as SNS and others, honorary reporters, and citizen participatory reporters 12. Overall control over the affairs related to exhibitions 13. Matters related to the operation of cultural events and the cultural promotion programs of the library
Collection Development Division	1. Matters related to the establishment and overall control of collection development policy 2. Matters related to the composition and operation of the collection development committee 3. Matters related to the acquisition and rewards and certificate issuance for the legal deposit for library materials 4. Matters related to the acquisition and rewards and certificate issuance for library materials 5. Matters related to the acquisition of grey literature of official publications, etc. 6. Matters related to the material research required for legal deposit 7. Matters related to the pressure and follow-up process for unperformed legal deposit 8. Matters related to the designation and cancelation as special materials 9. Matters related to the donation and acquisition of library materials 10. Matters related to the review to install an individual collection

Division	Work Allotment
Collection Development Division	<ol style="list-style-type: none"> <li>11. Matters related to the acquisition of Korea-related overseas materials and overseas academic materials published in foreign countries</li> <li>12. Matters on the purchase for domestic materials uncollected, the materials which cannot repair and restore due to damage and others</li> <li>13. Matters related to the composition and operation of the library material deliberation committee</li> <li>14. Matters related to the acquisition statistics of library materials</li> <li>15. Matters related to the binding of serial publications</li> <li>16. Matters related to the material research, acquisition, and dispatching for international exchange</li> <li>17. Matters related to the acquisition of the international organization and overseas donation materials</li> <li>18. Matters related to the support of Korea-related materials for overseas libraries and Korean studies research institutions</li> <li>19. Matters related to the agreement to exchange international materials</li> <li>20. Matters related to the statistics production for acquisition and dispatching to exchange international materials</li> <li>21. The support and management for the material operation of the National Library for Children and Young Adults</li> <li>22. Matters uncontrolled by other divisions in the department</li> <li>23. Matters related to the registration number management of library materials</li> <li>24. Matters related to the register production of library materials</li> <li>25. Matters related to the registration statistics of library materials</li> <li>26. The operation and management of the controlling stack's materials</li> <li>27. The management of the stacks for available books</li> <li>28. The collection management for controlling materials</li> <li>29. The operation and management of special materials (books)</li> <li>30. Affairs related to the request to repair or bind polluted and damaged materials and their cataloging</li> </ol>
Online Resources Division	<ol style="list-style-type: none"> <li>1. The establishment and implementation of the online resource acquisition plan</li> <li>2. Matters related to the acquisition and rewards and certificate issuance for the legal deposit of online resources</li> <li>3. Matters related to the acquisition and rewards and certificate issuance for online materials</li> <li>4. Matters related to the acquisition of the digital files for official publications</li> <li>5. Matters related to the material research required for legal deposit</li> <li>6. Matters related to the pressure and follow-up process for an unperformed legal deposit</li> <li>7. The research and acquisition for the library materials of new formats produced by changing the IT environment</li> <li>8. Matters related to the donation-based acquisition of online resources</li> <li>9. The digitization and acquisition and registration of Korea-related materials in foreign countries</li> <li>10. Matters related to the composition and operation of library material review committee (Online Resources Division)</li> <li>11. Matters related to the acquisition statistics of online resources</li> <li>12. Matters related to the registration number management of online resources</li> <li>13. Matters related to the register production of online resources</li> <li>14. Matters related to the registration statistics of online resources</li> <li>15. Matters related to the assignment of classification numbers</li> <li>16. Matters related to the production of cataloging data</li> </ol>

Division	Work Allotment
Online Resources Division	<ul style="list-style-type: none"> <li>17. Matters related to the assignment of subjects</li> <li>18. Matters related to the production of covers and list data</li> <li>19. Matters related to the online resource cataloging guidelines</li> <li>20. Matters related to the research for the online resource cataloging</li> <li>21. Matters related to the management and cataloging statics for the register for online resources</li> <li>22. Matters related to the deletion of online resources</li> <li>23. Matters related to the preservation of online resources</li> </ul>
Metadata & Sustainable Access Division	<ul style="list-style-type: none"> <li>1. Matters related to the assignment of classification numbers</li> <li>2. Matters related to the production of cataloging data</li> <li>3. Matters related to the assignment of subjects</li> <li>4. Matters related to the production of the authority data</li> <li>5. Matters related to the production of covers and list data</li> <li>6. Matters related to the management of subject headings</li> <li>7. Matters related to the standardization of the classification and cataloging</li> <li>8. Matters related to the research to catalogue library materials</li> <li>9. Matters related to the management and cataloging statics for the register of library materials</li> <li>10. Matters related to the seal such as seals, registration number seals, a library stamp on the side of books and its tools</li> <li>11. Matters related to the attachment of the label for call numbers</li> <li>12. Matters related to the data input and tag attachment of RFID (Radio Frequency Identification)</li> <li>13. Matters related to the deletion of library materials</li> <li>14. Matters related to the establishment of the index and list DB for the articles of the serial publications</li> <li>15. Matters related to the publication and distribution of a national bibliography</li> <li>16. Matters related to the establishment and operation of KOLIS • NET (Korean Library Information System Network)</li> <li>17. Matters related to ISO/TC 46 activities</li> <li>18. Matters related to the domestic and overseas exchange for the standardization of bibliographic records</li> <li>19. Matters related to the ISBN arrangement and registration</li> <li>20. Matters related to the ISBN education and promotion</li> <li>21. Matters related to the operation of the Korea ISBN &amp; ISSN Steering Committee</li> <li>22. Matters related to the cooperation of the international ISBN center</li> <li>23. Matters related to the ISSN arrangement and registration</li> <li>24. Matters related to the ISSN education and promotion</li> <li>25. Matters related to the cooperation of the ISSN International center</li> <li>26. Matters related to the ISNI arrangement and registration</li> <li>27. Matters related to the ISNI education and promotion</li> <li>28. Matter related to the composition and operation of ISNI's domestic consortium</li> <li>29. Matters related to the cooperation of the ISNI International agency</li> </ul>
Old and Rare Collection Division	<ul style="list-style-type: none"> <li>1. Matters related to the acquisition of old and rare books</li> <li>2. Matters related to the research, phototypography, and digitization of domestic and overseas old and rare books</li> <li>3. Matters related to the designation and management as cultural assets and rare books from old and rare books</li> </ul>

Division	Work Allotment
Old and Rare Collection Division	<ol style="list-style-type: none"> <li>4. Matters related to the operation of the old book committee</li> <li>5. Matters related to the registration and cataloging of old and rare books</li> <li>6. Matters related to the installation and operation of the individual collection for old and rare books</li> <li>7. Matters related to the explanation research and the academic exchange of old and rare books and the publication related to materials</li> <li>8. Matters related to the research and standardization for the cataloging rules of old and rare books</li> <li>9. Matters related to the cultural event of the exhibitions and lectures for old and rare books</li> <li>10. Matters related to the establishment and operation of KORCIS (Korean Old and Rare Collection Information System)</li> <li>11. Matters related to the business cooperation with a domestic and overseas institution related to old and rare books</li> <li>12. Matters related to the operation of the Korea Old Books Preservation Council</li> <li>13. Matters related to the operation of the Old &amp; Rare Collection / Maps &amp; Geography</li> <li>14. Matters related to the preservation, stack management and operation, and collection management for old and rare books</li> <li>15. Matters related to the acquisition, registration, usage, explanation, and research of the modern materials</li> <li>16. Matters related to the operation of the Modern Korean Literature Information System</li> <li>17. The operation and management of modern materials</li> </ol>
Digital Initiatives Division	<ol style="list-style-type: none"> <li>1. The establishment of the digital library development plan</li> <li>2. The cooperation and support of the activities to share domestic and overseas online materials</li> <li>3. The cooperation of domestic and overseas digital libraries and the affairs of international agencies</li> <li>4. The planning and operation of the national digital library and digital information portal</li> <li>5. The standardization and technology distribution to digitize libraries</li> <li>6. The establishment of the original text database of materials housed by the library</li> <li>7. The establishment and operation of the material management system and linked system of the National Library of Korea</li> <li>8. The research and development of the next-generation library service</li> <li>9. The establishment and operation of the repository of the National Library of Korea</li> <li>10. The expansion and management of shared works such as orphaned works and others</li> <li>11. The discovery of library data and the establishment and operation of a digital collection</li> <li>12. The establishment and implementation of the promotion strategies for the new technology convergence service</li> <li>13. Matters uncontrolled by other divisions in the department</li> </ol>
Knowledge and Information Services Division	<ol style="list-style-type: none"> <li>1. The planning, operation, and management of the user service for the resource rooms of the main building and digital library</li> <li>2. Matters related to the use of the controlling materials and the reference service</li> <li>3. The development and distribution of the user service</li> <li>4. The development for users and the assessment of the user service</li> <li>5. The business development and planning for the research and information service</li> <li>6. The provision and management of the online service for knowledge and information materials</li> <li>7. The planning and operation of collaborative digital reference service (ask the librarians)</li> </ol>

Division	Work Allotment
Knowledge and Information Services Division	<ol style="list-style-type: none"> <li>8. The operation and management of the national mutual book service (Chaekbada)</li> <li>9. The operation of books recommended by librarians</li> <li>10. The development and operation of education programs for the library's users</li> <li>11. The available material management for individual resource rooms such as the loan, return, arrangement, and others of the controlling materials of the relevant materials, etc.</li> <li>12. The affairs related to the request of polluted and damaged materials and their cataloging</li> <li>13. The operation of an After-hours Service</li> <li>14. Matters related to the overtime spent in the resource rooms in the main building and digital library</li> <li>15. The domestic and overseas mailing service after copying the materials</li> <li>16. The statistics management for using the library</li> <li>17. Matters related to the voluntary activities of the library</li> <li>18. Affairs related to the treatment of the user requests and complaints for the resource rooms and digital library</li> <li>19. The operation of the material stack for reading (serials and government publications, newspapers, and non-books)</li> <li>20. The transfer of the material of the previous year from the stacks of the resource rooms</li> </ol>
Information Technology Division	<ol style="list-style-type: none"> <li>1. The establishment and promotion of the library informatization implementation plan</li> <li>2. The establishment and operation of the library's information system</li> <li>3. Matters related to the introduction and distribution of the software to informatize the library</li> <li>4. The establishment and operation of the integrated backup center</li> <li>4. Matters related to the establishment and operation of the information computer network for libraries all over the country</li> <li>6. The establishment, management, and operation of the digital library</li> <li>7. The establishment, management, and operation of the long-term preservation system of digital materials</li> <li>8. The research, analysis, and technical support of the new technology for library informatization</li> <li>9. The management and operation of the library computing equipment</li> <li>10. Matters related to e-approval and office automation</li> <li>11. Matters related to the information security and privacy</li> <li>12. Others matters related to library informatization</li> </ol>
National Library for Children and Young Adults (Administration Division)	<ol style="list-style-type: none"> <li>1. Security and official seal &amp; storage</li> <li>2. The receiving &amp; dispatching, control, publication, and preservation of documents</li> <li>3. Matters related to the public official's personal management of the service, education and training, and others</li> <li>4. The management for the organization and prescribed number of employees and organizational innovation</li> <li>5. Matters related to national assembly and public parties</li> <li>6. Matters related to the legislation, amendment, and repealing of regulations in a library</li> <li>7. Audit, rewards and punishment, and inspections</li> <li>8. Affairs related to the requests and complaints of users</li> <li>9. Matters related to the on-duty order and overtime order</li> <li>10. Matters related to the management of vehicles and parking lots</li> <li>11. Matters related to the certificate issuance</li> <li>12. Matters related to employee welfare</li> <li>13. Matters related to the formulation and allocation of the revenue and expenditure budget</li> </ol>



Division	Work Allotment
National Library for Children and Young Adults (Administration Division)	<ul style="list-style-type: none"> <li>14. Matters related to the contract, expenditures, and the settlement of accounts</li> <li>15. Matters related to the state property and commodity management</li> <li>16. The management of the office facilities, landscaping, cleaning, and firefighting, etc.</li> <li>17. Matters related to the facility construction</li> <li>18. Matters related to the management of the facility service companies</li> <li>19. Matters uncontrolled by other divisions</li> </ul>
National Library for Children and Young Adults (Planning and Cooperation Division)	<ul style="list-style-type: none"> <li>1. Matters related to the establishment and promotion of the development and master plan for the National Library for Children and Young Adults</li> <li>2. The research and support for the reading promotion of the National Library for Children and Young Adults</li> <li>3. The establishment of the cooperation system between domestic libraries for children and young adults</li> <li>4. Matters related to the cooperation between the domestic libraries for children and young adults and its relevant agencies and groups</li> <li>5. Matters related to the exchange and cooperation between overseas libraries for children and young adults and its relevant agencies and groups</li> <li>6. Matters related to the development and operation of the program to strengthen the responsible librarians for children and young adults</li> <li>7. The publication and distribution of publications</li> <li>8. Matters related to the establishment and operation of the exhibition plan</li> <li>9. Matters related to the promotion of the National Library for Children and Young Adults</li> <li>10. Matters related to the support of the National Library for Children and Young Adults and its relevant groups</li> <li>11. The establishment, adjustment, review analysis of key business plans</li> </ul>
National Library for Children and Young Adults (Library Service Division)	<ul style="list-style-type: none"> <li>1. The operation and management of materials rooms (stacks)</li> <li>2. The provision on the use of materials and the information service</li> <li>3. The development of the information resources and provision of the reference service related to children and young adults</li> <li>4. The development and operation of the programs for the National Library for Children and Young Adults</li> <li>5. The collection development and purchase for the domestic and overseas materials for children and young adults</li> <li>6. Matters related to the cataloging which have purchased the domestic and overseas materials</li> <li>7. The installation and operation of the individual collection in the National Library for Children and Young Adults</li> <li>8. The website operation and management of the National Library for Children and Young Adults</li> <li>9. The management and operation of the library computer system</li> <li>10. The research to improve the user's satisfaction</li> <li>11. Matters related to the operation of the library tour and volunteers</li> </ul>
Preservation and Research Center	<ul style="list-style-type: none"> <li>1. The establishment of the master plan and medium and long-term development plan of the material preservation</li> <li>2. The status survey, research, publication, and distribution for the material preservation of domestic and overseas libraries</li> <li>3. Matters related to the preparation of the act, criteria, and guidelines for material preservation</li> <li>4. Matters related to the scientific preservation and restoration of materials housed such as books, non-books, visual and audio media, electronic media, and others</li> </ul>

Division	Work Allotment
Preservation and Research Center	<ol style="list-style-type: none"> <li>5. Matters related to the preservation and restoration research of library materials and the technology development</li> <li>6. Matters related to the operation of the preservation treatment facilities such as deacidification, disinfection, and others</li> <li>7. Matters related to the preservation management for the original materials of rare books (general books), books, and non-books</li> <li>8. Matters related to the management and operation of the preservation stacks of the digital library</li> <li>9. Matters related to the collection check of the housed materials</li> <li>10. Matters related to the environment check and management for all the preservation stacks of the library</li> <li>11. Matters related to the diverse support and cooperation of the entrusted preservation, preservation treatment, technical support, practices, and others to jointly preserve the national knowledge and information resources</li> <li>12. Matters related to the preservation research and standardization for online and offline materials</li> <li>13. Matters related to the material binding</li> <li>14. Matters related to the Memory Museum</li> </ol>
National Library of Korea, Sejong (Planning and Management Division)	<ol style="list-style-type: none"> <li>1. The establishment, adjustment, review analysis of the key business plans</li> <li>2. The establishment and implementation of the PR's comprehensive plan</li> <li>3. Matters related to the national assembly and regulations</li> <li>4. Budgets, accounting, and the settlement of accounts</li> <li>5. Matters related to the state property and commodity management</li> <li>6. Security and official seal management</li> <li>7. The receiving &amp; dispatching, control, publication, and preservation of documents</li> <li>8. Matters related to the public official's personal management of the appointment, service, education and training, and others</li> <li>9. The management and protection of the office and facilities</li> <li>10. Matters uncontrolled by other divisions in the department</li> </ol>
National Library of Korea, Sejong (Policy Material Division)	<ol style="list-style-type: none"> <li>1. The establishment and implementation of the collection development plan</li> <li>2. The acquisition, purchase, donation, registration, and others of the domestic and overseas policy materials and the materials regarding general people, children, and disabled people</li> <li>3. Register and statistics management</li> <li>4. Matters related to the classification, cataloging, removal, and others</li> <li>5. The establishment and adjustment of the master plan for the policy and information service</li> <li>6. The network operation between the agencies to share the policy and information</li> <li>7. Matters related to the establishment and operation of the database for the policy and information system</li> <li>8. Matters related to the management of the stacks which are entrusted along with the stored policy materials and the use of the entrusted materials</li> <li>9. The establishment and operation of the sources of the policy information service</li> <li>10. The planning, provision, and management of the online service of the information resources for policy materials</li> <li>11. The user development and use service assessment for the policy materials</li> <li>12. The establishment and operation of the website and mobile service</li> <li>13. The operation of the library information system and network</li> <li>14. Other affairs related to the library informatization</li> </ol>

Division	Work Allotment
National Library of Korea, Sejong (Public Service Division)	<ol style="list-style-type: none"> <li>1. The operation, management, and planning of collections</li> <li>2. The development and distribution of the user service</li> <li>3. Affairs to share the controlling materials</li> <li>4. Matters related to the overtime for using the collections</li> <li>5. The provision on the use of materials and the information service</li> <li>6. The operation and management of the stacks</li> <li>7. The management and operation of volunteers</li> <li>8. The support of the library tour and filming</li> <li>9. The management of membership and the operation of the loan out of the library</li> <li>10. The research to improve the user's satisfaction</li> <li>11. The establishment and operation of the using advisory committee</li> <li>12. The development and operation of the reading and cultural programs</li> <li>13. The cooperation and support between local communities in Sejong-si</li> <li>14. The support of schools, kindergartens, and daycare centers and the planning and operation of the library-linked programs</li> </ol>

## 3. Facilities

### 3.1. Facility Scale

Category	Lot Size	Building Floor Space	Stack Space	Resource Room Space	Floors	Completion
Main Building	65,845m <sup>2</sup>	34,773m <sup>2</sup>	13,279m <sup>2</sup>	6,686m <sup>2</sup>	7 floors above ground / 1 floor below ground	May 1988
Librarian Training Center		8,199m <sup>2</sup>	-	-	2 floors above ground / 1 floor below ground	May 1988
Deposit Building		16,540m <sup>2</sup>	7,902m <sup>2</sup>	-	2 floors above ground / 4 floors below ground	July 2000
Digital Library		38,211m <sup>2</sup>	12,623m <sup>2</sup>	3,661m <sup>2</sup>	3 floors above ground / 5 floors below ground	June 2009
Sub Total	65,845m <sup>2</sup>	97,723m <sup>2</sup>	33,804m <sup>2</sup>	10,347m <sup>2</sup>		

Category	Lot Size	Building Floor Space	Stack Space	Resource Room Space	Floors	Completion
National Library for Children and Young Adults	20,091m <sup>2</sup>	8,253m <sup>2</sup>	1,492m <sup>2</sup>	1,184m <sup>2</sup>	4 floors above ground / 2 floors below ground	June 1981
National Library of Korea, Sejong	29,817m <sup>2</sup>	21,079m <sup>2</sup>	5,091m <sup>2</sup>	4,008m <sup>2</sup>	4 floors above ground / 2 floors below ground	June 2013

### 3.2 Main Building

Facility	Location	Area(m <sup>2</sup> )	Rooms	Subsidiary Facilities
Resource Room	2F ~ 5F	5,826	5	Copy room (3F, 4F) Electronic monitors (8) Microfilm readers (7)
Accessible Room for the Disabled (Jeong-bo Nu-ri-teo)	1F	324	1	Assistive technology devices
Information Center on North Korea	5F	535	1	
Stack Room	B1F, 3F, 4F, 5F, 7F	13,279	11	Freight elevator (2) Dumbwaiters (4)
Gallery	1F	330	1	
Locker Room	1F	136	1	RFID locker (680)
Yeolin Madang (open square)	1F	1,055	-	
Moonhwa Maru (cultural space)	2F	671	1	
Lounge	2F	176	1	
Office	3F ~ 6F	2,366	11	Chief Executive Office, Head Office, Division Offices
National Library for the Disabled	6F	658	1	
Others	B1F ~ 7F	9,417		Rest room, stair, passage, warehouses, etc.
Total		34,773		

### 3.3 Librarian Training Center

Facility	Location	Area(m <sup>2</sup> )	Rooms	Subsidiary Facilities
International Conference Hall	1F	647	1	Equipment and facilities: simultaneous interpretation booth, sound box, stage setting, lighting system, beam projector
Restaurant	1F	672	2	general restaurant, VIP room
Kitchen	1F	256	1	Kitchen, kitchen appliances
Convenience Store	1F	198	1	ATM
Lecture Room	2F	693	8	Major equipment: video projector (LCD), OHP, video monitors, VTRs, visual presenters, screen, slide projector, internet, lockers
Seminar Room	2F	129	1	Major equipment: video projector (LCD), video monitors, VTRs, screen, internet
Group Study Room	2F	119	6	Equipment and facilities: PC, laser printer, Rooms air-conditioner, lockers, closets
Computer Training rooms	2F	324	2	PC: i5-4590(CPU-3.3GHz, 4GB Ram, SSD 120GB, HDD-500GB) high speed internet network, headsets, S/W: Win7, MS Office2016, Hangul 2014
Educational Support rooms	2F	52	2	Broadcast facilities
Office	2F	129	1	
Others	B1F ~ 2F	4,980		Electrical room, mechanical room, rest room, passage, warehouse
Total		8,199		

### 3.4 Deposit Building

Facility	Location	Area(m <sup>2</sup> )	Subsidiary Facilities
Old Book Stacks	B4F	1,666	Wooden shelves (303), scroll racks (3)
Rare Book Stacks	B4F	559	Wooden shelves, drawers, old map storage boxes, newspaper storage boxes, temperature and humidity control panel in stacks, special entry doors
General Stacks	B1F ~ B3F	5,676	Mobile racks (1,606)
Disinfection Room	1F	45	Disinfection facility (2)
Daycare Center		334	
Office	1F ~ 2F	1,525	Individual division offices
Preservation and Research Center	2F	1,245	
Others	B4F ~ 2F	5,490	Preparation room, utility room, rest room, passage
Total		16,540	

### 3.5 Digital Library

Facility	Location	Area(m <sup>2</sup> )	Subsidiary Facilities
Lobby	B2F~B3F	1,478	Memory Museum, User ID Issuance Room, etc.
Locker Room	B3F	155	780 lockers
Experience Hall	B3F	245	Exhibition Hall, Preparation Room
Conference Room	B3F	175	Beam Projector, Roll Screen, AV Equipment
Digital Resources and Reading Space	B2F	2,772	Digital area, seminar room, laptops and mobile devices area, multimedia area
		889	Media editing lab, studio, cultural auditorium
Media Education Room	B2F	71	Desk and chair for meeting
Stacks	B3F	834	Mobile racks (non-book stacks)
	B3F ~ B5F	11,789	Mobile racks (general stacks)
Digital Book Cafe	B1F	194	
Office	B2F ~ 3F	589	Office of head of department, division offices
Underground Parking Lot	B2F ~ B5F	6,076	217 cars (5 cars for the disabled)
Others	B5F ~ 3F	12,386	Electrical room, mechanical room, rest room, passage, warehouse
Total		38,211	

### 3.6 National Library for Children and Young Adults

Facility	Location	Area(m <sup>2</sup> )	Rooms	Subsidiary Facilities
Office	1F ~ 4F	578.73	7	Director General Office, administration division, planning and cooperation division, library service division, stacks material office
Seminar room	4F	120.12	1	Preparation room
Auditorium	4F	287.15	1	Preparation room, control booth
AR picture book room	4F	127.07	1	Waiting room
Reading discussion room	4F	58.51	2	Reading discussion room (1,2)
The Children's Dokdo Island experience room (Liverary)	B1F	201.64	1	The Children's Dokdo Island experience room (Liverary)
Exhibition hall	2F	270	1	Preparation room

Facility	Location	Area(m <sup>2</sup> )	Rooms	Subsidiary Facilities
Material room	1F ~3F	1,587.25	4	Children's collection (picture book world, storytelling room) Dream makerspace (future space, dream space, creative space, laser equipment room), Hope Makers (space hope, space sangsang, interactive storytelling room) research materials room (individual collection, space for researchers)
Lobby	1F	402	1	Information desk, searching space
Stacks	1F ~ 4F	1,492.51	6	5 stacks room, 1 mobile rack room
Restaurant	B2F	225	1	Cafeteria
Kitchen	B2F	45	1	
Security Guard's Room	1F	36.45	1	
Cafe	1F	73.35	1	
Others	B2F ~ 4F	2,748.85		Electrical room, mechanical room, rest room, passage, warehouse
Total		8,253.63		

### 3.7 National Library of Korea, Sejong

Facility	Location	Area(m <sup>2</sup> )	Rooms	Subsidiary Facilities
Stacks	B2F	5,378.04	6	Library, DR center, computer room, machine room, electric room
Material room, Office	B1F	5,753.80	8	Library, children's collections (picture book room, narration room), storytelling experience room, administrative facility, parking lot
Material room	1F	3,399.12	7	Humanities and arts collections (accessible room for the disabled [Jeong-bo Nu-ri-teo], resources for adolescents) seminar rooms, exhibition room, audio-video room, cafe
Material room	2F	2,906.87	7	General collections (newspapers and periodicals, multimedia room), policy research room, policy-related collections,
Conference room, office	3F	1,970.74	9	Meeting room, classroom, education support room, chief librarian room, administrative facility
Cafeteria, staff lounge	4F	1,670.77	4	Cafeteria, staff lounge/ fitness center
Total		21,079.34		

## 4. Employees

(As of Dec. 31, 2021 / unit: person)

Category		Senior Grade Ga	Senior Grade Na	Grade 3.4	Grade 4	Grade 4.5	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Total
Total	Max.	1	4	1	14	3	36	87	77	59	31	313
	present	1	4	1	14	2	35	73	69	74.5	15	288.5
Administration	Max.	1	2	1	4	2	5	13	10	2	4	44
	present	1	2	1	4	1	5	7	6	12	3	42
Librarian	Max.		2		8	1	24	47	55	52	8	197
	present		2		8	1	24	42	50	50.5	2	179.5
Computer	Max.				1		4	9	6	2	0	22
	present				1		3	8	4	1	4	21
Facility	Max.							4	0		0	4
	present							1	3		1	5
Industry	Max.						1	2	5	1		9
	present						1	4	1	1		7
Broadcast Communication	Max.								0	1		1
	present								1	0		1
Security	Max.								1	1	9	11
	present								0	9	2	11
Driver	Max.										3	3
	present										3	3
Curator	Max.				1		2	11				14
	present				1		2	10				13
Management and Operation Group	Max.								0	0	7	7
	present								4	1	0	5
Special Career - Na	Max.							1				1
	present							1				1

※ Including the National Library for Children and Young Adults, Preservation and Research Center, and National Library of Korea, Sejong

※ The maximum persons for the series of multiple-class considers the present persons.



## 5. Statistics

### 5.1 Collection Status

(Dec. 31, 2021)

#### 5.1.1 Total Collection

(unit: book, item)

Category	Domestic Books	Foreign Books		Old Books	Non-Books	Total
		East Asian Books	Western Books			
Quantity	9,618,352	450,374	1,156,845	294,537	1,809,634	13,329,742

※ Including children's book and serial publications, the materials of the National Library of Korea, Sejong (excluding the digital (online) materials)

※ The change of the criteria for collection statistics (from registration to cataloging)

#### 5.1.2 Books and Periodicals

(unit: book, item)

Category	Books	Periodicals	Total
No. of Volumes	11,325,814	2,003,928	13,329,742

#### 5.1.3 Non-Book

(unit: item)

Category	Micro Materials	Recoding Materials	Visual & Audio Materials	Offline E-Materials	Map	Others	Total
No. of Volumes	331,438	377,550	630,864	148,199	113,149	208,434	1,809,634

※ Newly established the item of micro materials from 2021

#### 5.1.4 Online Resources

(unit: volume)

Category	Domestic	Overseas	Total
No. of Volumes	18,116,572	58,342	18,174,914

## 5.2 Collections

(Dec. 31, 2021)

### 5.2.1 Books and Non-Books

#### ① Classification

(unit: book, item)

Category	Korean Books	Japanese Books	Chinese Books	Western Books	Old Books	Non-Books	Total
No. of Books	9,618,352	337,651	112,723	1,156,845	294,537	1,809,634	13,329,742
Percentage (%)	72.2	2.5	0.8	8.7	2.2	13.6	100

#### ② Collection Method

(unit: book, item)

Category	Legal Deposit	Purchase	Donation	Exchange	Self-Production	Total
No. of Books	9,953,346	1,564,180	1,142,429	484,160	185,627	13,329,742
Percentage (%)	74.7	11.7	8.6	3.6	1.4	100

### 5.2.2 Online Resource

#### ① Collection Method

(unit: book, item)

Category	Legal Deposit	Donation	Self-Production	Self-Collection	Total
No. of Books	582,895	3,106,974	10,212,340	4,272,705	18,174,914
Percentage (%)	3.2	17.1	56.2	23.5	100

#### ② Material Type

(unit: volume)

Category	E-book	E-Journal	E-Newspaper	Audio	Video	Image
No. of Volumes	1,218,757	5,065,692	1,803	510,281	45,677	232,307
Percentage (%)	6.7	27.9	-	2.8	0.3	1.3
Category	Website	Digitized Materials	Overseas Archive	Overseas Old and Rare Materials	Alternative Material for the Disabled	Total
No. of Volumes	886,088	10,104,898	40,359	17,983	51,069	18,174,914
Percentage (%)	4.9	55.6	0.2	0.1	0.3	100

## 5.3 Material Acquisition

(Jan. 1 ~ Dec. 31, 2021)

### 5.3.1 Books

#### 1) Books

(unit: book)

Category	Legal Deposit	Purchase	Donation	Exchange	Self- produced	Total
Domestic Books	210,057	50,226	12,875	-	-	273,158
Foreign Books	17,700	16,330	2,317	930	-	37,277
Children's Books	26,140	13,008	2,163	137	-	41,448
Old Books	-	580	3,763	-	200	4,543
Total	253,897	80,144	21,118	1,067	200	356,426

#### 2) Non-Books

(unit: book)

Category	Legal Deposit	Purchase	Donation	Exchange	Total
Micro Materials	-	-	1	605	606
Recoding Materials	10,936	-	51	-	10,987
Visual & Audio Materials	17,374	128	371	-	17,873
Offline E-Materials	439	-	-	-	439
Map	150	-	-	-	150
Others	107	-	110	-	217
Total	29,006	128	533	605	30,272

### 5.3.2 Periodicals

#### 1) Books

(unit: book, volume)

Category	Legal Deposit	Purchase	Donation	Exchange	Self- produced	Total
Magazine	75,450	2,142	4,523	1,031	-	83,146
Newspaper	5,898	730	-	8	-	6,636
Total	81,348	2,872	4,523	1,039	-	89,782

## 2) Non-Books

(unit: book)

Category	Legal Deposit	Purchase	Exchange	Self- produced	Total
Micro Materials	-	106	-	-	106
Recoding Materials	423	-	-	-	423
Visual & Audio Materials	32	-	-	-	32
Offline E-Materials	1,872	-	4	-	1,876
Map	4	-	-	-	4
Others	35	-	-	-	35
Total	2,366	106	4	-	2,476

## 5.3.3 Online Resources

(unit: volume)

Category	Legal Deposit	Purchase	Donation	Self- Production	Self- Collection	Total
E-book	76,291	-	321	-	21,037	97,649
E-Journal	71,042	-	25,303	-	47,592	143,937
Audio	4,455	-	-	-	25,348	29,803
Video	-	-	-	-	9,205	9,205
Image	-	-	-	-	19	19
Website	-	-	-	-	128,438	128,438
Alternative Material for the Disabled	-	-	-	-	7,068	7,068
Digitized Materials	-	-	-	1,049,849	-	1,049,849
Overseas Archive	-	-	-	1,456	-	1,456
Overseas Old and Rare Materials	-	-	-	1,920	-	1,920
Total	151,788	0	25,624	1,053,225	238,707	1,469,344

## 5.4 Cataloging

(Jan. 1 ~ Dec. 31)

### 5.4.1 Books

#### 1) Books

(unit: book)

Category		Entries	Total
General Books	Domestic Books	264,160	292,897
	Foreign Books	28,737	
Children's Books	Domestic Books	44,798	56,882
	Foreign Books	12,084	
Old and Rare Books		6,837	6,837
Total			356,616

#### 2) Non-Books

(unit: item)

Category	Entries	Category	Entries
Micro Materials	634	Offline E-Materials	515
Recoding Materials	11,281	Map	151
Visual & Audio Materials	18,127	Others	-
Total			30,708

#### 3) Subjects

(unit: book, item)

Category			General	Philosophy	Religion	Social Science	Natural Science	Science Technology	Arts	Linguistics	Literature	History	Others	Total
Books	General Books	Domestic Books	9,920	10,181	11,691	75,472	6,665	53,582	18,362	6,624	59,466	12,197	-	264,160
		Overseas Books	1,419	1,654	518	10,024	489	2,220	6,337	1,564	2,396	2,116	-	28,737
	Children's Books	Domestic Books	1,897	1,136	651	4,707	7,290	1,377	1,406	4,338	18,515	3,481	-	44,798
		Overseas Books	45	164	68	598	365	703	501	322	9,071	247	-	12,084
	Old and Rare Books		102	413	4,829	1,232	66	70	33	85	-	7	-	6,837
	Total		13,383	13,548	17,757	92,033	14,875	57,952	26,639	12,933	89,448	18,048	-	356,616

Category		General	Philosophy	Religion	Social Science	Natural Science	Science Technology	Arts	Linguistics	Literature	History	Others	Total
Non-Book	Micro Materials	-	-	-	-	-	-	1	-	-	-	633	634
	Recoding Materials	1	-	-	4	-	-	11,228	28	8	12	-	11,281
	Visual & Audio Materials	1,325	828	44	5,572	1,005	1,273	4,638	48	924	2,470	-	18,127
	Offline E-Materials	34	4	6	169	-	214	54	-	-	34	-	515
	Map	-	-	-	2	-	104	-	-	-	45	-	151
	Others	-	-	-	-	-	-	-	-	-	-	-	-
	Total	1,360	832	50	5,747	1,005	1,591	15,921	76	932	2,561	633	30,708
Total		14,743	14,380	17,807	97,780	15,880	59,543	42,560	13,009	90,380	20,609	633	387,324

## 5.4.2 Periodicals

### 1) Books

(unit: book)

Category		Entries	Total
General Books	Domestic Books	83,184	89,361
	Foreign Books	6,177	
Children's Books	Domestic Books	1,627	1,685
	Foreign Books	58	
Old and Rare Books		-	-
Total			91,046

### 2) Non-Books

(unit: item)

Category	Entries	Category	Entries
Micro Materials	166	Offline E-Materials	1,691
Recoding Materials	417	Map	4
Visual & Audio Materials	141	Others	-
Total			2,419

### 3) Subjects

(unit: book, item)

Category			General	Philosophy	Religion	Social Science	Natural Science	Science Technology	Arts	Linguistics	Literature	History	Others	Total
Books	General Books	Domestic Books	8,548	775	5,187	31,741	1,241	19,662	5,192	1,032	5,851	3,955	-	83,184
		Overseas Books	1,354	61	150	1,538	25	602	1,879	109	126	333	-	6,177
	Children's Books	Domestic Books	341	-	463	505	102	2	13	20	181	-	-	1,627
		Overseas Books	-	-	50	8	-	-	-	-	-	-	-	58
	Old and Rare Books		-	-	-	-	-	-	-	-	-	-	-	-
	Total		10,243	836	5,850	33,792	1,368	20,266	7,084	1,161	6,158	4,288	-	91,046
	Non-Books	Micro Materials		108	-	-	58	-	-	-	-	-	-	-
Recoding Materials		-	-	72	240	-	-	-	105	-	-	-	417	
Visual & Audio Materials		10	-	4	25	-	102	-	-	-	-	-	141	
Offline E-Materials		54	-	6	503	38	805	8	254	-	23	-	1,691	
Map		-	-	-	-	-	-	-	-	-	4	-	4	
Others		-	-	-	-	-	-	-	-	-	-	-	-	
Total		172	-	82	826	38	907	8	359	-	27	-	2,419	
Total			10,415	836	5,932	34,618	1,406	21,173	7,092	1,520	6,158	4,315	-	93,465

### 5.4.3 Online Resources

(unit: volume)

Category	Entries	Category	Entries
E-book	88,780	Website	128,438
E-Journal	136,275	Digitized Materials	207,199
E-Newspaper	786	Overseas Archive	1,348
Audio	20,752	Overseas Old and Rare Materials	-
Video	9,074	Alternative Material for the Disabled	-
Image	1,284	Total	593,936

## 6. Key Daily Log

### ● January

Dec. 5, 2020 ~ Feb. 28, 2021	Supported the operation of the Winter Reading Class (102 <sup>nd</sup> ) for the libraries all over the country
Jan. 1 ~ 18	Temporarily closed according to the COVID-19 prevent guidelines (main building, National Library for Children and Young Adults)
Jan. 4	Established the operation plan for Librarian Education and Training 2021 - e-Learning
Jan. 5 ~ Feb. 28	Held the 'Full of Smiles' exhibition as the invitational exhibition in the National Library of Korea, Sejong
Jan. 19 ~ Jan. 28	Operated the 102nd Winter Reading Class in the National Library for Children and Young Adults
Jan. 19 ~ Feb. 3	Temporarily closed the National Library of Korea, Sejong according to the COVID-19 prevent guidelines
Jan. 27	Submitted the comprehensive plan for the human resources of the National Library of Korea
Jan. 28	Held the Advisory Committee Meeting of the National Library of Korea 2021

### ● February

Feb. 4	Submitted the land donation application of the IBC (International Broadcast Center)
Feb. 8	Transferred the affairs to establish the master plan of the National Association for Policy Information and the Policy Information Service
Feb. 18	Operated the online policy information-specialized librarian workshop in the National Library of Korea, Sejong (Feb.)
Feb. 23	Concluded the MOU for the ISNI Consortium between the National Library of Korea and KISTEP (Korea Institute of S&T Evaluation and Planning)
Feb. 23	Held the regular general meeting and seminar of the Library Service Council for Children and Young Adults
Feb. 24	Participated in the ceremony of the registration certificate and plaque of the national scientific heritage in the second half of 2020



## ● March

- Mar. 16 ~ Apr. 12 Received the application of new libraries to participate in the library big data project
- Mar. 16 ~ Jul. 7 Operated the 'Sejong academy <UM> for public officials in the first half of 2021'
- Mar. 17 Commenced with the re-building project of the KORCIS (Korean Old and Rare Collection Information System)
- Mar. 22 Established the operation plan on the on-the-job training of a library for undergraduate students in 2021 (Apr.~Aug.)
- Mar. 23 Opened the 'Immersive Library'
- Mar. 23 ~ June 27 Held the 'Korean Lyrics - Melodies of Life' exhibition in the National Library of Korea, Sejong
- Mar. 24 Held the 'Connect the history of knowledge' of an old and are book donation exhibition
- Mar. 25 ~ Nov. 30 Operated the '1318 bookworms' Library Occupation' program in the National Library for Children and Young Adults
- Mar. 30 Held the academic seminar and regular general meeting of the Korea Old Books Preservation Council
- Mar. 31 Requested the transfer of the temporary construction according to the land donation of the IBC (International Broadcast Center)
- Mar. 31 Operated the 'Humanities Connected by Science' program in the National Library of Korea, Sejong

## ● April

- Apr. 1 ~ Aug. 31 Held the 'Korean Picture Books Traveling the World' of a temporary exhibition in the National Library for Children and Young Adults
- Apr. 2 Composed and operated the 4<sup>th</sup> Material Selection Committee of the National Library of Korea, Sejong
- Apr. 5 Registered the gazette to notify the master plan for the establishment and construction of the National Library of Korea Data Preservation Center (Ministry of Culture, Sports and Tourism Notification No. 2021-0019)
- Apr. 12 Held the plaque unveiling ceremony for the donator of the old and rare collection in 2021
- Apr. 12 Concluded the contract to operate the National Digital

	Library (7 libraries)
Apr. 13 ~ Oct. 10	Promoted the 「Research on the Comprehensive Operation Plan of the National Library of Korea Data Preservation Center」
Apr. 13	Operated the 'Humanities with an Explanation' program in the National Library of Korea, Sejong
Apr. 15	Operated the online policy information-specialized librarian workshop in the National Library of Korea, Sejong (Apr.)
Apr. 16	Held the meeting of the digital library committee in the National Library of Korea
Apr. 16 ~ May 4	Issued the legal deposit certificate for the selection as the academic journal listed (candidate) in the NRF (National Research Foundation of Korea)
Apr. 16 ~ Jun. 12	Operated the first-half regular lectures in the National Library of Korea, Sejong
Apr. 26 ~ Nov. 30	Operated the 'Young Adults, Reading with a Library' as part of the reading culture program in the National Library for Children and Young Adults
Apr. 27 ~ May 31	Held 'The Live Library' special exhibition'
Apr. 27	Operated the 'Humanities with Explanation' program in the National Library of Korea, Sejong
Apr. 28	Operated the 'Humanities Connected by Science' program in the National Library of Korea, Sejong
Apr. 29 ~ Aug. 5	Held the International Competition for the National Library of the Korea Data Preservation Center

## ● May

May 3	Implemented the same-day reservation
May 3	Promoted the legal deposit of serial publications and requested cooperation for it
May 5 ~ May 31	Held the Competition for the Children's Day Library Big Party Contest 2021
May 5 ~ Jul. 31	Held the Competition for the Children's Day Online Library Big Party Contest 2021
May 6 ~ Oct. 20	Operated the free school year system program in the National Library of Korea, Sejong
May 14	Established the 「3-Year Plan on Digital Services (2021~2023)」
May 24	Installed an individual collection (Woosan Collection) and held the donation ceremony

May 25	Completed the precision safety inspection for the facilities of the National Library for Children and Young Adults
May 25	Operated the 'Humanities with an Explanation' program in the National Library of Korea, Sejong
May 26	Operated the 'Humanities Connected by Science' program in the National Library of Korea, Sejong
May 28	Held the 「1 <sup>st</sup> Library's Human Resource Development Seminar」 in 2021
May 28	Operated the 'Adult Book Club – Eoullim' in the National Library of Korea, Sejong
May 31 ~ Dec. 31	Held the 'Korean Ddakjibon Novels' exhibition

## ● June

Jun. 1 ~ Dec. 31	Held 'The Light of Hope, Lighthouse Tour' exhibition in the National Library of Korea, Sejong
Jun. 3	Promoted the project of the 「The Establishment of the Medium and Long-term Development Plan for Librarian Education and Training」 (Jun.~Oct.)
Jun. 4	Completed the repair and waterproof work for the outer wall panel of the rooftop of the National Library for Children and Young Adults
Jun. 11	Awarded the Competition for the Children's Day Library Big Party Contest 2021
Jun. 15 ~ Jun. 29	Operated the first-half regular lectures in the National Library of Korea, Sejong
Jun. 17 ~ Aug. 16	Run the Library Big Data Best Practice and Idea Contest 2021
Jun. 17	Operated the online policy information-specialized librarian workshop in the National Library of Korea, Sejong (Jun.)
Jun. 23	Held the 'Online Reading Coaching Workshop' for the public official book club
Jun. 24	Promoted the legal deposit of serial publications and requested cooperation for it
Jun. 25	Held the Interactive Storytelling worker workshop 2021
Jun. 28	Installed an individual collection (Onjae Collection) and held the donation ceremony
Jun. 28 ~ Aug. 31	Supported the operation of the Summer Reading Class (103 <sup>rd</sup> ) in the libraries all over the country

Jun. 28	Held the 1 <sup>st</sup> regular meeting of the Material Selection Committee of the National Library of Korea, Sejong 2021 (in writing)
Jun. 29	Operated the 'Humanities with an Explanation' program in the National Library of Korea, Sejong
Jun. 30	Held the 1st regular meeting of the authority and the ISNI agency council of university libraries
Jun. 30	Published the 『Old Books』 Vol. 15 by the Korea Old Books Preservation Council
Jun. 30	Operated the 'Humanities Connected by Science' program in the National Library of Korea, Sejong

## ● July

Jul. 1	Held the distribution agreement ceremony of OAK (Open Access Korea) Repository 2021
Jul. 1 ~ Aug. 13	Ran the 15 <sup>th</sup> Library Innovation Idea and Best Practice Contest
Jul. 1 ~ Jul. 31	Held the Children's Day Online Library Big Party Exhibition 2021
Jul. 7 ~ Dec. 29	Operated the 'Book Receipt Support Center of the National Library of Korea' (Pajubookcity)
Jul. 12 ~ Jul. 31	Held 'It's Okay to Come Over to Play' as part of the joint exhibition with the National Association for Policy Information
Jul. 13	Operated the 'Humanities with an Explanation' program in the National Library of Korea, Sejong
Jul. 19 ~ Aug. 25	Operated the 'Summer Special Lectures' in the National Library of Korea, Sejong
Jul. 22 ~ Nov. 3	Operated the 'My Friend, Library' program in the National Library of Korea, Sejong
Jul. 27	Promoted the legal deposit of serial publications and requested cooperation for it
Jul. 27	Operated the 'Humanities with an Explanation' program in the National Library of Korea, Sejong
Jul. 28	Operated the 'Humanities Connected by Science' program in the National Library of Korea, Sejong
Jul. 29 ~ Dec. 10	Operated the 「Please Me a Book」 as part of the children reading campaign in the National Library for Children and Young Adults

## ● August

Aug. 3 ~ Aug. 12	Operated the 103 <sup>rd</sup> Summer Reading Class in the National Library for Children and Young Adults
Aug. 4 ~ Sep. 30	Operated the 'Book Loan Service with an Advanced Reservation' according to the temporary closure of the National Library of Korea, Sejong
Aug. 4 ~	Operated the self-service ID card issuance
Aug. 9	Installed the Cho Dae-Hyun (曹大鉉) collection
Aug. 11	Promoted the project to develop e-learning librarian education content 2021 (Aug. ~ Dec.)
Aug. 11	Concluded the MOU between the National Library of Korea and the Institute for the Translation of Korean Classics
Aug. 13	Participated in the 「joint declaration on the open access of the research support and public academic information service agencies」
Aug. 20	Commenced with the design service to establish the National Library of Korea Data Preservation Center
Aug. 24	Operated the 'Humanities with Explanation' program in the National Library of Korea, Sejong
Aug. 25	Promoted the legal deposit of serial publications (independent magazines) and requested cooperation for it
Aug. 25	Operated the 'Humanities Connected by Science' program in the National Library of Korea, Sejong
Aug. 31	Cataloging and explanation of historical materials of the National Library of Korea

## ● September

Sep. 6 ~ Sep. 29	Operated the 'Autumn Special Lectures' in the National Library of Korea, Sejong
Sep. 6 ~ Oct. 30	Operated the 'second-half regular lectures' in the National Library of Korea, Sejong
Sep. 7 ~ Dec. 8	Operated the 'Sejong academy <UM> for public officials in the second half of 2021' in the National Library of Korea, Sejong
Sep. 8	Held the online joint workshop with the Korean Family Name Association
Sep. 9	Held the temporary meeting (in writing) of the National Association for Policy Information and performed the third amendment of the association's regulations

Sep. 9	Held the OAK (Open Access Korea) Repository Operating Agency Workshop 2021
Sep. 9 ~ Oct. 28	Operated the 'Adult Book Club - Eoullim' in the National Library of Korea, Sejong
Sep. 14	Promoted the legal deposit of serial publications and requested cooperation for it
Sep. 15 ~ Mar. 31, 2022	Held 'Belgium, the Country of Comics and the Smurfs' as part of the joint exhibition of the National Library for Children and Young Adults (Belgium Embassy in Korea)
Sep. 23 ~ Nov. 21	Held 'Modern Times, Read about Women and Young Man at That Time' as part of the planning exhibition
Sep. 24	Transfer modern literature (before 1945) according to the reorganization (Material Management Division → Old and Rare Collection Division)
Sep. 24 ~ Oct. 3	Held the online festival of the Future Dream Hope Factory of the National Library for Children and Young Adults
Sep. 28	Operated the 'Humanities with an Explanation' program in the National Library of Korea, Sejong
Sep. 28 ~ Oct. 26	Held the online book review contest in the National Library of Korea, Sejong
Sep. 29	Held the 「Librarian Meeting - 15 Minutes to Change the Library」 2021
Sep. 29	Operated the 'Humanities Connected by Science' program in the National Library of Korea, Sejong
Sep. 30	Held the 'Honey Book Talk' of the Reading Month event in the National Library of Korea, Sejong
Sep. 30	Held the general meeting of the National Association for Policy Information and composed the 4th steering committee

## **October**

Oct. 2	Expanded the 'Book Loan Service in the Advanced Reservation' of the National Library of Korea, Sejong
Oct. 6	Held the 13th International Symposium on the Library Service for Children and Young Adults : 'The Future Exists Where People Read - Libraries Creating the Future'
Oct. 11 ~ Oct. 27	Held the online overseas Korean studies librarian workshop
Oct. 12	Operated the 'Humanities with an Explanation' program in the National Library of Korea, Sejong

Oct, 14	Held the library big data utilization seminar
Oct, 19	Promoted the demand survey to establish the plan of the librarian education and training 2022
Oct, 19	Promoted the legal deposit of serial publications (academic journals) and requested cooperation for it
Oct, 20	Composed and operated the TF team to improve the user service of the National Library of Korea
Oct, 26	Held the 76th anniversary cooperation seminar in recognition of opening
Oct, 26	Designated as the domestic executive secretariats for ISO/TC46 (Oct, 26, 2021 ~ Oct, 26, 2024)
Oct, 26	Operated the 'Humanities with an Explanation' program in the National Library of Korea, Sejong
Oct, 26	Expanded the operation of the Self-Service Book Loan Service in the National Library of Korea, Sejong
Oct, 27	Operated the 'Humanities Connected by Science' program in the National Library of Korea, Sejong
Oct, 27	Held the 'Culture Month's Special Event' in the National Library of Korea, Sejong
Oct, 29	Published 『The new approach for the characteristics and scope of the old and rare books』 source book
Oct, 29	Held the online joint conference with The Institute of the Korea Bibliography

## November

Nov, 2	Established the 「Open Access Policy of the National Library of Korea」
Nov, 11	Held the developmental seminar of the National Digital Library
Nov, 12	Completed the re-building project of KORCIS (Korean Old and Rare Collection Information System)
Nov, 18	Held the Online 「OAK (Open Access Korea) Conference 2021」
Nov, 19	Selected the new agencies to install the WOK (Window on Korea) in 2021 (the University of Sheffield Library)
Nov, 24	Held ICoASL 2021
Nov, 26	Held the Korea Old Books Preservation Council workshop in the second half of 2021
Nov, 30	Held the library big data utilization education

## ● December

Dec. 6	Held the 'Professor Wondang Shim Woo Joon Donation Exhibition' of the old collection special exhibition
Dec. 7	Held the researcher workshop of the research information service 2021
Dec. 7	Completed the precision safety inspection for the facilities of the National Library for Children and Young Adults in the second half of this year
Dec. 8	Held the 2 <sup>nd</sup> regular meeting of the Material Selection Committee of the National Library of Korea, Sejong 2021 (in writing)
Dec. 8 ~ Dec. 10	Held the library big data expert education
Dec. 11	Completed the update of the drawings (construction) for the National Library for Children and Young Adults
Dec. 13 ~	Held the 'Book Review Contest's Prize Winner' exhibition in the National Library of Korea, Sejong (online)
Dec. 15	Produced the hanji phototypography books for 25 books of 1 Kind (3 sections, a total of 75 books) of Donguibogam (한貴古朝(68-3))*  <small>* Royal physician Heo Jun published as the royal clinic materials on the 5 years of Gwangheagun (1613), the National History Archive on Odaesan Mountain, National Treasure No. 319-1</small>
Dec. 16	Completed the necessary changes to install the old air conditioners and heaters in the National Library for Children and Young Adults (3F - Director Office, 4F - Library Service Division)
Dec. 17	Held the online 「Linked Open Data Conference (LODAC) 2021」
Dec. 22	Concluded the business agreement with NIA (National Information Society)
Dec. 24	Completed the construction to exchange the elevators of the lobby and stacks in the National Library for Children and Young Adults (Elevator 1 - Lobby, Elevator 2 - Stacks)
Dec. 29	Established the plan on librarian education and training 2022
Dec. 30	Produced and distributed the library big data application and use casebook



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