

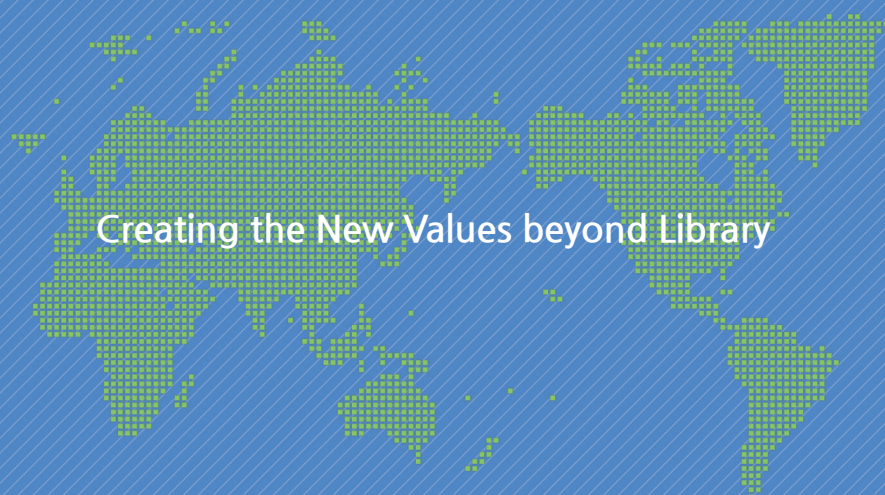


4th International Conference of Asian Special Libraries (ICoASL 2015)

—
Creating the New Values beyond Library
—

April 22-24, 2015
National Assembly Library, Seoul, Korea





Creating the New Values beyond Library

Supported by





Opening Address



It is my great privilege and pride to welcome you all on the behalf of the Asian Chapter, Special Libraries Association. I very warm heartedly like to extend a special welcome to our international guests especially as it is the first time for some of them to come to this beautiful destination of Seoul, Republic of Korea. We are greatly honoured by Ms. Jill Stand, President, SLA, who has so kindly agreed to grace this opening ceremony and to address us. We are very happy that the other dignitaries of the Korea have found time to be with us this morning and I welcome them warmly on behalf of the Asian Chapter, SLA.

ICoASL series has now a long journey of nearly 7 years with its launch in November 2008 in Delhi, India; and since then the Asian journey of ICoASL began with second ICoASL organised in February 2011 in Tokyo, Japan; third in April 2013 in Manila, Philippines. I am extremely happy and delighted today to address this fourth ICoASL as President of Asian Chapter and Chair Organizing Committee ICoASL 2015.

On an occasion like this, one is tempted to look back to the past for a moment, the glory of Asian Chapter of SLA started with its establishment in 1999 and during its 16 years of existence it has organized numerous events to engage the Asian Professionals together. It included international conferences, seminars, events, webinars and continual learning programmes in India, Japan, Pakistan, Philippines, Korea etc.

Till now there are 12 Presidents from Asian Chapter. These includes 5 are from India, 2 from Japan, 1 each from Hongkong, Nepal, Pakistan, Philippines and Singapore during the past years. This shows the diversity of leadership in Asian Chapter. Presently there are about 130 members of Asian Chapter from 13 countries. The members of Asian Chapter have been awarded with the prestigious award like Diversity Leadership Development Programme, Professional Award, Presidential Citation Award, Member Achievement Award, SLA Fellow and many more. I have been always proud to share that Asian Chapter has its awards to recognize and honour library leaders in Asia since 2009. Many awards- like Early Career Award, SLA Asian Librarian Award have been offered to information professionals in Asia.

One of the important forthcoming showcasing the Asian Chapter is “International Conference on Webometrics, Informetrics and Scientometrics” in association with COLLNET- 2015 during 26-28 November 2015 in Delhi, India. I take the opportunity to invite you all to attend the Collnet 2015.

On this occasion I would like to express our deep appreciation and gratitude to our organisers in Republic of Korea not only for agreeing to host the Conference. This, along with the Secretariat, has worked assiduously and with remarkable devotion and competence to making all the preparations and arrangements required for the Conference. On behalf of all of us here, may I take the liberty of thanking our host country for the warm hospitality we are being shown. Put together, all of this is so essential to the process of effective communication on such an occasion.

We have a heavy agenda before us for the next two days. Let us set ourselves to the tasks ahead of us full of hope, confidence and determination - hope and confidence in the ability of all of us to fulfil the grave mutual responsibilities and we have assumed, the determination to live up to the expectations of those whom we represent to uphold, and implement the principles and objectives of the Convention.

I also open the forum for submitting the bid for organizing the fifth ICoASL in 2017, please submit your request to us.

I welcome you all once again.

Thank you all.

Dr. P K Jain

President-Asian Chapter, SLA
Librarian
Institute of Economic Growth, Delhi, India

■ Welcome Address



I sincerely welcome you all from 30 countries.

Korea Special Library Association (KSLA) is pleased to hold the 4th International Conference of Asian Special Libraries (ICoASL 2015) in Korea, in association with SLA Asian Chapter, Korea Institute of Science and Technology Information (KISTI) and National Assembly Library.

Libraries have existed along with the human history and have kept cooperative world networks, thereby shaping the global common identity.

These days we are at the forefront of digital era where everything is going digital. Internet is connecting between contents and people, replacing traditional libraries. Thus, Libraries are facing new changes of opportunities, challenges, and innovations. To ensure the sustainability of library future, we need to establish our global identity and make it firmer than ever.

These environments led KSLA to hold ICoASL 2015 under the theme, “Creating the New Values beyond Library”. I hope that all the library professionals who participated in this conference, would have an opportunity to share knowledge and experience and finally find new values of the libraries. Furthermore, we invited 4 librarians in the developing countries, Bangladesh, Myanmar, and Vietnam, to go along with us for the future.

I cordially thanks all the attendees, especially speakers and paper & poster presenters. I dare say that you all will make this conference a success.

Lastly, I really appreciate Conference Secretariat for his every endeavor, Korea Tourism Organization and Seoul Convention Bureau for encouraging us to host this big event, and the sponsors for their financial support.

April in Korea is very vital and beautiful spring season with green leaves and blossoms. I hope you will enjoy it during your stay in Seoul.

Thank You.

Kay Sook Park

Former President of KSLA
Library Manager, ETRI



>Welcome Address



It is a pleasure to welcome you to the 4th International Conference of Asian Special Libraries. I deeply appreciate your attendance, particularly guest speakers and presenters.

As the President of Korea Institute of Science and Technology Information, I am so glad that KISTI co-hosts ICoASL 2015 with SLA Asian Chapter, National Assembly Library, and Korea Special Library Association. KISTI was found as Korea Science & Technology Information Center in 1962. Since then it has led the national development as a core institution in science and technology information infrastructure. KISTI has accomplished its vision, "R&D partners for achieving a happy society", by collecting science and technology information of the world and providing the information for institutions and researchers in the country.

Especially, this conference substitutes for KISTI's annual event, "KESLI Electronic Information Forum". We invited Diana Chan, a librarian of Hong Kong University of Science & Technology, Richard Savory, the consortium licensing manager of JISC Collection, and Pascalia Boutsouci, the head of Swiss Academic Consortium. Like this, ICoASL 2015 prepared a professional invitation program to learn the operating practices of foreign consortia.

According to the advance of an electronic information age, scholarly information also has issues related to online usage and globalization. Nowadays requires new information service through collaboration, going beyond the geographical boundaries. ICoASL 2015, with the theme of "Creating the New Values beyond Library", would be a meaningful conference to establish the direction of the recent information service corresponding to rapidly progressing and developing circumstances. Furthermore, I hope that this conference becomes a good opportunity for promoting information exchange and mutual collaboration as a companion preparing for the future together.

Additionally, Seoul, as the venue for this conference and the capital of Korea, has 5,000-year history and shows the new trend. I hope you have a good time in this exciting city. In closing, I truly appreciate all attendants and the organizing committee of this conference.

Thank you.

Sun-hwa Hahn
President of KISTI

■ Welcome Address



Distinguished guests from home and abroad!
I sincerely welcome you.

As Chief Librarian of the Korean National Assembly Library, it is my honor to host the 4th International Conference of Asian Special Libraries, which is a feast of the world's special librarians in Seoul, where it has a 5,000-year history. We have exerted our utmost efforts to make this invaluable international event successful.

The environment surrounding our libraries has rapidly changed, and this requires our librarians to take an active and continuous part in coping with such changes. Especially, the remarkable development of information and communication technology can either lead to a crisis or create opportunities for our libraries. We must constantly gather our power and energies and use these to take advantage of our environment as an opportunity for developing our libraries.

In this critical situation, the 4th International Conference of Asian Special Libraries under the theme "Creating the New Values beyond Library" seems very opportune. I am confident that it will provide us with important implications. All the library experts who are with us today, including myself, are working as advance guards to create new values for libraries. We should put together our knowledge and experience with regard to the new values of libraries and how to create them. I hope that this event would be an opportunity for us to elevate our special libraries' stands, and for expanding the scope of our activity and our roles.

I would like to take this opportunity to express my gratitude to Ms. Kay Sook Park, former President of the Korea Special Library Association; Mr. Mu Suk Oh, President of the Korea Special Library Association; and the members of the Conference Secretariat. Furthermore, I would like to convey my sincere appreciation and reverence for all the speakers who will share their invaluable experiences with us.

Distinguished participants!

Please take care of yourselves during your stay in Seoul, and I hope that you would cherish this event to be held in the "Land of the Morning Calm" as a beautiful memory.

Thank you.

Eun Chul Lee, Ph.D.

Chief Librarian
The National Assembly Library



Congratulatory Address



Good morning, ladies and gentlemen. I'm Eunju Choi, Chair of the Presidential Committee on Library and Information Policy of Korea.

The spring season of Korea showcases the beauty of a flower in bloom and marks the beginning of something new. I am pleased that the 4th International Conference of Asian Special Libraries is being held in Seoul in the peak of the spring season. First of all, I would like to welcome Ms. Jill Strand, President of the Special Library Association; Mr. Praveen K. Jain, President of the Special Library Association Asian Chapter; and the many professional librarians from around the world who are honoring us with their participation in this event. Also, thanks to the guests from the host nation for gracing this occasion despite their busy schedules.

As you are well aware of, Asia's special libraries are suffering an identity crisis due to the advanced scientific technology of the modern society, and we librarians are anxious about the future. In the case of Korea, the subscription rates for journals and databases are increased annually while the libraries' budget and manpower are decreased. The expansion and uniformity of the available resources due to the consortium structure may weaken each library's characteristics. In these circumstances, special libraries should continuously secure competitiveness, build a close global network, and find more professional and innovative information services through mutual exchanges.

Under the theme "Creating the New Values beyond Library", special librarians from Asian countries gather together to share their experiences and the improvement approaches that they have successfully adopted that fit the purpose of this conference. I'm in charge of the overall library development planning in Korea, and I have an exceptional feeling about holding this remarkable event today.

I sincerely hope that this event would be a good opportunity for us to improve the library environment of our respective countries. Thanks to KSLA, KISTI, and NAL for making all this possible.

Last but not the least, to all our foreign guests, enjoy Korea's spring flavors and culture while you're attending the conference.

Thank you.

Eunju Choi

Chair
Presidential Committee on Library and Information Policy

Committee

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Chair : Kay Sook Park
(Korea Special Library Association)
Co-Chairs : Hee Yoon Choi
(Korea Institute of Science and
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Eun Chul Lee
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(Institute of Economic Growth,
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In Ae Lee
(Gyeonggi Research Institute)
Eun Kyung Nam
(Korea Railroad Research Institute)

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Hyun Jung Jung
(Korea Aerospace Research Institute)

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Yu Jung Lee
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(National Assembly Library)
Ki Heung Kim
(Kyung Hee University Medical Center)

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Yun Hee Kim
(Korea Environment Institute)

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(Hanwha Life)

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(Supreme Court of the Philippines)
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Ryoung Eun Kim
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Technology)

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(Nong Shim)
Bo Ram Lim
(Korea Institute of Ocean Science &
Technology)
Kyu Hoi Kim
(The Korea Research Reporters Associations)



SPEAKERS

KEYNOTE SPEAKER



Jill Strand

- Leaning Into The Curve : Demonstrating the Value of Information Professionals



- USA
- 2015 SLA President
- Fish & Richardson

INVITED SPEAKERS



Diana Chan

- Creating Values in the Digital Domain



- Hong Kong
- University Librarian
- Hong Kong University of Science & Technology



Kiduk Yang

- Library XG : To Survive or To Thrive



- Korea
- Professor
- Kyungpook National University



Klaus Tochtermann

- Science in Transition and its Impact on Scientific Libraries



- Germany
- Professor
- German National Library of Economics



Richard Savory

- JISC Collections : Structure and Activities



- UK
- Licensing Manager
- JISC(Joint Information Systems Committee)



Pascalia Boutsouci

- Times Change and We Change with Them



- Switzerland
- Head of Consortium
- Consortium of Swiss Academic Libraries



Time Table

Date	Room	Basement		4th Floor		1st Floor		
		Auditorium (300 Seats)	Room 1 (80 Seats)	Room 2 (80 Seats)		Lobby		
Day 1 April 22 (Wed)	08:30~10:00	Registration					Exhibition *NAL Tour 1st (13:00~13:30) 2nd (15:00~15:30)	
	09:30~10:00	Exhibition Opening						
	10:00~10:30	Opening Ceremony						
	10:30~11:00	Opening Address / Welcoming Address / Congratulatory Address						
	11:00~12:00	Keynote Speech - "Leaning Into The Curve : Demonstrating the Value of Information Professionals" / Jill Strand(USA), 2015 SLA President						
	12:00~13:30	Lunch						
	13:30~14:10	Invited Speech 1- "Library XG: To Survive or To Thrive" / Kiduk Yang(Korea), Kyungpook National University						
	14:10~14:50	Invited Speech 2- "Creating Values in the Digital Domain" / Diana Chan(Hong Kong), Hong Kong University						
	14:50~15:00	Q&A						
	15:00~15:30	Coffee Break (Poster Session, Exhibition Tour and NAL Tour)						
	15:30~15:50	Session 1 User	Paper 1-1	Session 2 Value	Paper 2-1	Session 3 Trust		Paper 3-1
	15:50~16:10		Paper 1-2		Paper 2-2			Paper 3-2
	16:10~16:30		Paper 1-3		Paper 2-3			Paper 3-3
	16:30~16:50		Paper 1-4		Paper 2-4			Paper 3-4
	16:50~17:00		Q&A		Q&A			Q&A
17:00~18:00	Wrap Up and Move							
18:00~21:00	Galla Dinner							
Day 2 April 23 (Thu)	09:40~10:20	Invited Speech 3 - "Science in Transition and its Impact on Scientific Libraries" / Klaus Tochtermann(Germany), German National Library of Economics					Exhibition *NAL Tour 1st (13:00~13:30) 2nd (15:00~15:30)	
	10:20~10:30	Q&A						
	10:30~11:10	Invited Speech 4 - "JISC Collections: Structure and Activities" / Richard Savory(UK), Joint Information Systems Committee						
	11:10~11:50	Invited Speech 5 - "Times Change and We Change with Them" / Pascalia Boutsiouci(Switzerland), Consortium of Swiss Academic Libraries						
	11:50~12:00	Q&A						
	12:00~13:30	Lunch						
	13:30~13:50	Session 4 Skill	Paper 4-1	Session 5 Value	Paper 5-1	Session 6 Knowledge		Paper 6-1
	13:50~14:10		Paper 4-2		Paper 5-2			Paper 6-2
	14:10~14:30		Paper 4-3		Paper 5-3			Paper 6-3
	14:30~14:50		Paper 4-4		Paper 5-4			Paper 6-4
	14:50~15:10		Paper 4-5		Paper 5-5			Paper 6-5
	15:10~15:30		Paper 4-6		Paper 5-6			Paper 6-6
	15:30~15:50		Paper 4-7		Paper 5-7			Paper 6-7
15:50~16:20	Q&A	Q&A	Q&A					
16:20~17:00	Wrap Up							
Day 3 April 24 (Fri)	Library Tour (Half Day)							



■ General Information

• Official Language

The official language of the conference is English.
Speaker's speech will be interpreted simultaneously into Korean.
Receivers will be provided in front of the Auditorium.

• Registration Desk Hours

Wednesday, April 22, 2015 : 08:00~17:00
Thursday, April 23, 2015 : 08:30~12:00

• Paper Presentation

Please meet your session chair at least 10 minutes before the session starts. Bring your PPT presentation file and check with the AV staff whether it is working properly or not. Presentation time will be assigned for 20 minutes each and discussion will be followed after all the session papers are presented.

• Poster Presentation

The dimensions of the poster board are W1,000*H2,500. You need to attach your poster on the designated poster board until 9:00, April 22, 2015 before the Exhibition Opening starts and then you may remove your poster after 17:00, April 23, 2015 when all the sessions finished.

• Exhibition

Exhibition needs to be ready until 9:00, April 22, 2015 before the Exhibition Opening starts and then removed after 17:00, April 23, 2015 when all the sessions finished.

• Internet Access

Wi-Fi will be provided and internet accessible PCs will be installed in the Lobby on the 1st Floor.

Social Program

• April 21, 2015 (Tuesday)

Welcome Reception

- Time : 18:00~20:30
- Place : Han Cook Restaurant in Namsan Tower
- Type : Korean Buffet with night view of Seoul

An invitation to the Welcome Reception will be informed by the Secretariat. It is a pre-meeting for communicating with each other before the conference. A micro bus will start at 17:00 in front of the National Assembly Library to take you to the reception place.

• April 22, 2015 (Wednesday)



Exhibition Opening

- Time : 9:30
- Place : Lobby on the 1st Floor
- Type : Tape Cutting Ceremony

It is the announcement of Exhibition opening and start of the ICoASL 2015.



Opening Ceremony

- Time : 10:00~10:30
- Place : Auditorium
- Type : Performance

It is open to all the participants of the conference.



Lunch

- Time : 12:00~13:30
- Place : Cafeteria
- Type : Standing Buffet

It is open to all the paid participants of the conference.

• April 23, 2015 (Thursday)

Lunch

- Time : 12:00~13:30
- Place : Cafeteria
- Type : Lunch Box

It is open to all the paid participants of the conference. You may go outside to eat lunch, if it does not rain.



Gala Dinner

- Time : 18:00~20:30
- Place : 63 Building
(2nd Floor in Convention Center)

- Type : Buffet & Performance - Best Paper Award

It is open to all the paid participants of the conference. Shuttle buses will start twice at 17:00 and 17:30 from National Assembly Library to 63 Building. You can go up to the observatory on the top floor to see the night view, if you pay ₩13,000 personally after Dinner.

Wrap-up

- Time : 17:00

Contact Secretariat

- Phone : +82-42-863-4496
- E-mail : icoasl2015@gmail.com



Library Tour

• April 22~23, 2015

National Assembly Library

- Course : National Assembly Library only
- Limit : 20 Pax each
- Tour Schedule

Tour	Domestic Participants	Foreign Participants
April 22	13:00~13:30	15:00~15:30
April 23	13:00~13:30	15:00~15:30

A librarian of the National Assembly Library will guide you.
Pre-applicants are allowed to join the tour.

• April 24, 2015 (Friday)

Library Tour : Course A

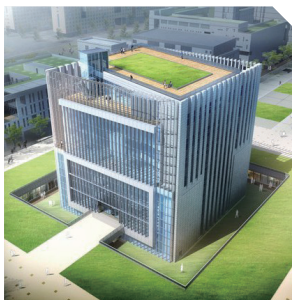


- Course : National Library of Korea → Samsung Delight Shop
- Limit : 40 Pax in a Bus

Time	Course A	Location
09:00~09:20	Meet at the National Assembly Library	
09:20~10:00	Move by Bus	
10:00~11:00	National Library of Korea - Video Watch & Library Tour	Seoul
11:00~11:30	Move by Bus	
11:30~12:30	Samsung Delight Shop	Seoul

※ National Library of Korea : <http://www.nl.go.kr/english>
Pre-applicants are allowed to join the tour.

Library Tour : Course B

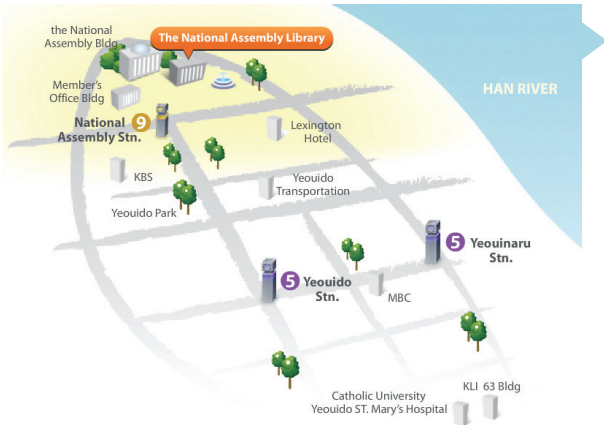


- Course : Underwood Memorial Library at Yonsei University
- Limit : 40 Pax in a Bus

Time	Course B	Location
09:00~09:20	Meet at the National Assembly Library	
09:20~11:00	Move by Bus	
11:00~12:00	Underwood Memorial Library at Yonsei University - Library Tour	Incheon
12:00~12:30	Move to Incheon International Airport by Bus	
12:30~14:30	Return to the National Assembly Library by Bus	Seoul

※ Underwood Memorial Library at Yonsei University : <http://uml.yonsei.ac.kr/eng/>
Pre-applicants are allowed to join the tour.

Conference Venue



From Incheon International Airport to National Assembly Library

By Airport Railroad and Subway

Incheon International Airport ↔ Incheon International Airport Cargo Terminal ↔ Unseo ↔ Geomam ↔ Gyeong → Gimpo Airport ↔ Subway line No. 9 ↔ National Assembly

- ※ Transfer to Subway line No. 9 at Gimpo Airport and get off at the National Assembly Station.
- ※ Don't take Express Subway

By Limousine Bus

Bus No. 6030

- ※ To Hannamdong at 6B or 13A platform on the 1st floor.
- ※ National Assembly is the 1st stop from the Incheon International Airport.

From Gimpo International Airport to National Assembly Library

By Subway

- ※ Take Subway line No. 9 and get off at the National Assembly Station.
- ※ Don't take Express Subway

Conference Rooms



Main Conference Room Auditorium
For Ceremony and Speech
Location : Basement

Session Rooms Auditorium
For Paper Presentation : Session 1, 4
Location : Basement



Exhibition Room Lobby
For Exhibition & Poster
Location : 1st Floor



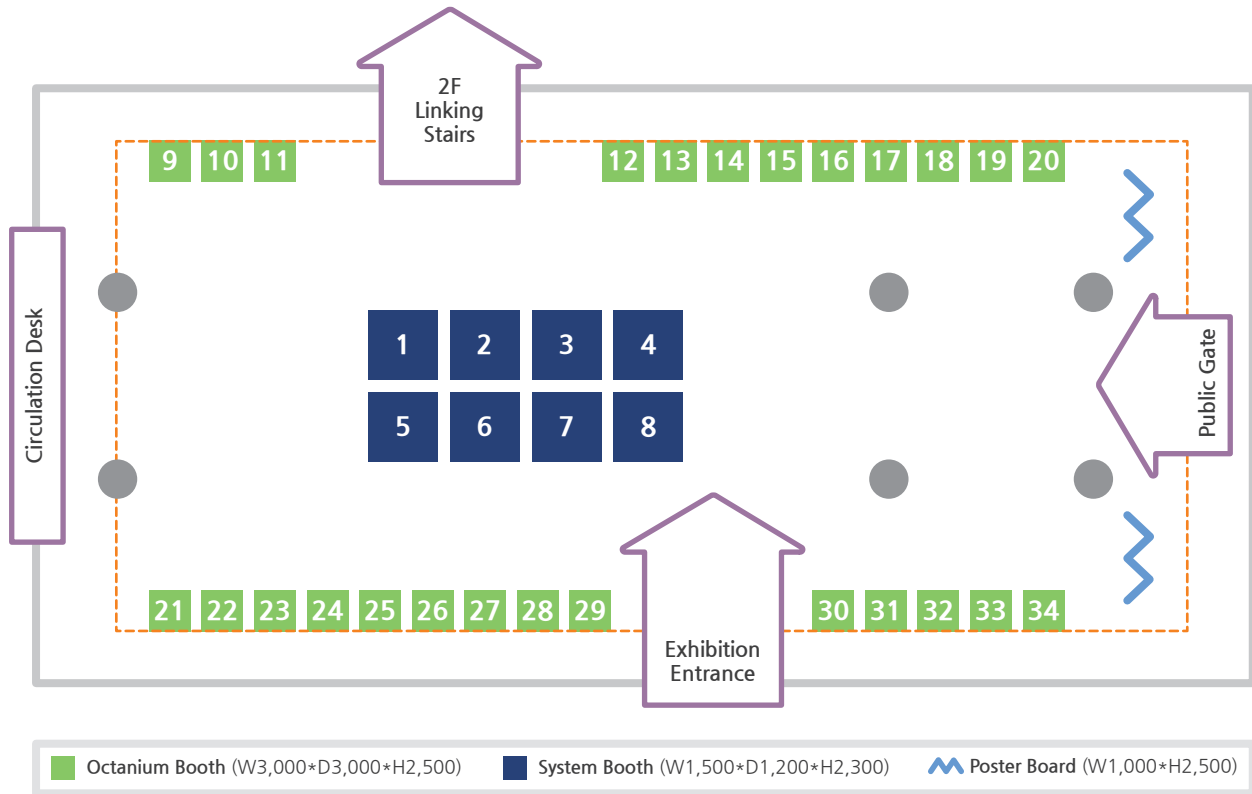
Meeting Room 1
For Paper Presentation : Session 2, 5
Location : Basement



Meeting Room 2
For Paper Presentation : Session 3, 6
Location : 4th Floor



Exhibition Layout (Inc. Poster Board)



- | | | | |
|--|--|--|---|
| 1 Springer | 2 Taylor & Francis Group
an informa business | 3 ELSEVIER | 4 키티스産學研情報(株)
KITIS Info. & Co., Ltd. |
| 5 EBSCO | 6 THOMSON REUTERS | 7 FutureNuri®
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4th International Conference of Asian Special Libraries
(ICoASL 2015)

Paper Session

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Paper Session

4th International Conference of
Asian Special Libraries (ICoASL 2015)

Session 1 **User** Chair : Shirley Ingles-Cruz

Paper 1-1 : Connecting Library Instruction to Web Usability : The Key Role of Library Instruction to Change Students' Web Behavior

Yoo Young Lee, Eric Snajdr (Indiana University - Purdue University, USA)

Paper 1-2 : Adapting to the Evolving User Preferences in a Specialized Library

Qi Yu Boo (Institute of Southeast Asian Library, Singapore)

Paper 1-3 : Study of Library Anxiety of Korean Adults in the Aging Society

Mihyang Park (National Assembly Library, Korea)

Paper 1-4 : Enhancing the Access of Students with Disabilities to Information at the Library of UIN Sunan Kalijaga Yogyakarta Indonesia

Marwiyah, Labibah Zain (UIN Sunan Kalijaga Yogyakarta, Indonesia)

Session 2 **Value** Chair: Debal C. Kar

Paper 2-1 : Assessment of the West Visayas State University Library Quality Service : Relationship to Customer Satisfaction

Renecynth B. Jaurigue (West Visayas State University-College of Agriculture and Forestry, Philippines)

Paper 2-2 : Exploring the Research Output of G8 Countries

Mukhtiar Singh, Nabi Hasan (CSIR; Indian Institute of Technology Delhi, India)

Paper 2-3 : Marketing of Library Resources and Services at Pakistani Universities

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Enhancing the Access of Students with Disabilities to Information at the Library of UIN Sunan Kalijaga Yogyakarta Indonesia

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Abstract

The States of Islamic Studies (UIN) Sunan Kalijaga Yogyakarta is one of inclusive universities in Indonesia. UIN Sunan Kalijaga has been declared as inclusive university since 2006. UIN Sunan Kalijaga has several disabled students. The number of disabled students has been significantly increased year by year. Consequently, UIN Sunan Kalijaga must provide the facilities to support teaching learning processes. As Information provider, the university library has to give accesses to disabled students relating collection, services and facilities. This paper describes the roles of library in serving students with disabilities at UIN Sunan Kalijaga Yogyakarta. Qualitative method has been employed. The data was gathered through interviews, observation and documentation. The article concludes that the library has been trying to give access to students with disabilities by providing Disabled friendly library building, disable corner and employing Ebooks for Blinds. But still, the library still need to develop those services regarding policies and facilities in order to give better services for them.

Keywords: *Corner for disable student, E-book for blind, Library for disabled student, UIN Sunan Kalijaga library*

1. Introduction

Indonesia has deep concern on the implementation of education for all levels of society regardless their religions, sex, race and others. The government amandement stated explicitly that every citizen has right to get her/his education. The education in Indonesia covers all stages from basic education to higher education. Further, the government tries to accomodate the education for all covering human rights, religious, norms and pulrality values. This means that government guaranties that the education in Indonesia will also give attention to individual diversity as stated by UNESCO as Education for all. Difabel person also has special attention. In this case, the government provides special education. The regulation number 72 1991 supported by the regulation number 4 1997 instructed the goverment to give all citizen accesses at all aspects including education. Even the regulation number 20 2003 about National Education System stated clearly that Education for difable person is part of National Education System. As result, the awareness of the importance of inclusive education is being socialized around the country. The implementation of inclusive education needs supporting human resources, system and facilities including the libraries. In the libraries, the students with disabilities need services and collection that meet their situation. The library has crucial roles in supporting teaching –learning processes so that the library is one of the important requirements in building educational institution. In this case, UNESCO Manifesto stated that the libraries must serve their users regardless their genders, religions, races, social status and phisical condition.

The States of Islamic Studies (UIN) Sunan Kalijaga Yogyakarta is one of inclusive universities in Indonesia. UIN Sunan Kalijaga has been declared as inclusive university since 2006. As an inclusive university, UIN Sunan Kalijaga has several disabled students. The number of disabled students has been significantly increased year by year. Consequently, UIN Sunan Kalijaga must provide the facilities to support teaching learning processes. As Information provider, the university library has to give accesses to disabled students relating collection, services and facilities. This paper describes the roles of library in serving difabel students at UIN Sunan Kalijaga.

2. Literature review

Research on information or library services for people disabilities has been conducted by several experts. In this paper, two of the researches will be described. The first research is done by Margareth E.S. Forrest who investigated the implementation of IFLA Checklist for students with disabilities in the academic libraries in the United States, namely: School of Nursing and Midwifery Library of University of Dundee Scotland. This research used Disability Legislation that was applied in Scotland in order to provide legal context for the research and used IFLA Checklist as research instruments. The two instruments then used to evaluate the constrains faced by the libraries in serving the students with disabilities in accessing information. The results of the research shows that physical access, media format (computer equipment) and services of the libraries was quite adequate. Overall, the libraries has shown the innovative way in supporting library to provide services for students with disabilities.

The second research done by Patric R. Spence et. al (Spence, 2007). This research investigated the differences between disabled and non-disabled person in using media focusing on how she/he was evacuated, how she/he handled crisis, the patterns of information seeking she/he had and the use of information media during Katarina Storm in the United States. This research used survey involving 554 victims of Katarina Storm who had major and minor disabilities located in different areas. This result of this reaseach showed that there was differences in evacuation planning, crisis handling in which disabled person had more urgent preparation but had less evacuation planning. There was also differences in the patterns of information seeking. But there is no difference among disabled and non disabled person in using information media.

3. Methods

This reasearch will try to answer the question on how the library of UIN Sunan Kalijaga give information and service to disabled students.

In collecting the data for this research, the researcher used semi-structured interview directed to the head of division information services and the head of difable corner as the main technique. While observation is used to support the data gained from the interview.

All the interview were conducted at the Library of UIN Sunan Kalijaga The observation was conducted after the interview with each participants. Based on data gathered from interviews and observation, the reseachers analysed data and describe them using descriptive methods.

3.1 Type of research

This research is a qualitative research that will answer : How does the library of UIN Sunan Kalijaga give information and library service access to the students with disabilities.

3.2 Data collection

In collecting data, researchers used some following methods:

- Interview: this technique is the primary method used to find data relating to the history of Difable Corner development, the policies, services and facilities applied in giving services to the students with disabilities.
- Observation. This technique is used to support data gathered from interview by observing the condition of The difable corner and website provided for the blind students.
- Documentation. The technique used documentation own by the library and Center For Sudents with Disabilities such as: minutes of meeting and annual reports to see the policies relating to the services given to the students with disabilities.

3.3 Informan

The purposive sampling is used to choose the informans for this research. The informans were chosen based on some criterias, such as the informans's understanding concerning The difable corner. The informans are:

- The Head of Difable Corner of UIN Sunan Kalijaga's Library
- The Head of UIN Sunan Kalijaga's Library
- The Coordinator of Library Services of UIN Sunan Kalijaga's Library
- A difable Student

3.4 Research instruments

The instruments used in this reseach is a list of questions directed to the informan concerning to:

- The Foundation of Difable Corner Services.
- The Roles of The Library in supporting the University as an Inclusive Campus.
- The Roles of Difable Corners in Giving Services to The Students With Disabilities.
- The Policies and Library's commitments in developing Difable Corner.

4. Finding

4.1 The profile of UIN Sunan Kalijaga as an inclusive university

UIN Sunan Kalijaga became an inclusive Universitys soon after the name of the institution has been changed from The State Institute of Islamic Studies (IAIN) into The State University of Islamic Studies (UIN) Sunan Kalijaga in 2006. UIN Sunan Kalijaga has prepared a lot of things to provide services for disabled students by developing Study Center of Services For Disable Students (Pusat Studi Layanan Difabel – PSLD now becomes PLD). Relating to Difabel students, IAIN Sunan Kalijaga (now- UIN Sunan kalijaga) already had difabel students 5 year before PSLD founded. The following table provides information on the number of difables students at UIN Sunan Kalijaga. The table from PSLD shows that the number of disabled students at UIN Sunan Kalijaga has increased significantly.

Table 1. The number of students with disabilities of UIN Sunan Kalijaga from 2002 to 2014.

Academic Year	Sex		The Kind of Disabilities			Number of students
	Male	Female	Visually impaired	Deaf	Physically impaired	
2002	1	1	1			1
2003	1	2	3			3
2004	5	1	2			2
2005	2	3	8			8
2006	5	3	5			5
2007	3		5			5
2008	6	2	5			5
2009	2		6			6
2010	1	3	4		1	5
2011	6	1	1	1		2
2012	9	6	8	2	2	12
2013	7	2	4	7		11
2014		3	9	1	1	10
TOTAL	48	27	61	11	4	75

The number of disabled students at UIN Sunan Kalijaga has become one of the reasons to provide facilities such as building design that meets difable needs including the library.

4.2 The role of library in serving students with disabilities

Profile of UIN Sunan Kalijaga library – disabled students' friendly library

Library is one of crucial facilities for students in accesing the information especially for teaching learning processes. Disabled students are part of university society at UIN Sunan Kalijaga. Therefore the Library of UIN Sunan Kalijaga has provided information services that meets their needs. According to International Federation Library Association (IFLA)'s Checklist (Irvall, Birgita & Nielson, Gyda Skat, 2005), the library accessible for must meets the following standard: accesibility, physical condition, format media and communication services. Based on observation that we did in the end of 2012, some of the physical condition of UIN Sunan Kalijaga library has met the standard, such as:

- Has sufficient parking area that ease the student with disabilities in reaching the library; no barrier from parking area to the library building to reach the library and the distance from parking area to the library building is close enough.



- Accesibility to the gate of Library is quite comfortable equipped by the ramp landscape for users with wheelchairs users, large and wide gate, the floors with comfortable texture for wheelchair users, the floor with contrast colors and no barriers that blocked so that it is safe for users with low vision or vissually impaired, and difable signs in every floors.





- Access to collection.

Accessibility of collections makes the users with wheelchairs easy to take the collection between the shelves.



- Self check out machine

The library has self check out for user to check books out independently. The design of this facility enable users with physically impairment to use independently because the machine is reachable from wheelchair.



- Washroom

Generally, condition of the wash room has met the IFLA standard; the door handle is easily to reach for every students with disabilities even for the students with physically impaired, large washroom so that users can move their wheelchairs easily.



4.3 Information services for disabled students

As part of inclusive university, the library not only provides physical facilities but provides information services for the students with disabilities as well. The library provides and digital books for blinds through e-book program production.

Difabel corner: Before UIN Library has library services for students with disabilities, these students were assisted and served by PLD. But the number of students with disabilities increase, PLD invited library to share responsibility in which PLD focus and the study and advocacy for general issues on disabilities and the library focus on services related to information access. PLD and the library then build Difabel Corner located in library as a part of library services. The corner is intended to all disabled students (deaf, Physical impairment and visual

impairment). Based on observation, collections and facilities needed by disabled students are available at Difabel Corner, such as:

- *Adaptive collections.* The library has various adaptive collections include Braille books, 38 CD Talking Books, *audio book*(include academic and popular books) for example Metode Statistika Method of statistic). To help visually impaired students, Difabel Corner also provide *Egranary Digital Library*, journal electronic databases donated by PLD in 2013 (based on interview with Isrowiyanti, The head of Difable Corner in November 16, 2014). Egranary consist of more than 50000 articles from various subject can be accessed offline on installed computer.
- *Assistive technology.* Difabel Corner provides tools to access digital collections namely 4 computers supported by JAWS to help users navigate menu and content of file. CD player is also available to help users to read talking books. And due to the lack of digital collections the library also provide scanner and open book software, *optic character recognition* (OCR) to convert printed materials into readable materials for visually impaired students. Using those devices, students have ease access to library collections. Ins this case, Furqon, one of students with disabilities (Blind) said that by using scanner that can convert texts into word formats and can be read using assistive computer, reading texts was much easier (interviews in November 16, 2014).



- *Personal service.* Personal service is provided to make sure the availability of accessible services for disabled students. According to Solihin Arianto, The head of UIN Sunan kalijaga's Library, library provides a librarian who serve disabled students assisted by

volunteers. The volunteers help disabled students access library service and collections such as read books materials for blind students, make notetaking in class during learning session. Volunteers also help disabled students provide electronic books through scanning books and converted into readable format for blind students because the existing electronic books owned by the library are still very limited.

- *Supporting activity.* Difabel Corner also provides space to conduct supporting activities for disabled students to enrich their capacity as university students. According to Isrowiyanti, The Head of Difabel Corner (interview in November 15, 2014) the activities conducted by the corner include training for new students on how use facilities available in the library such as assistive computers. The purpose of the training is to equip new students with skill to access library service, facilities and collections. The students also learn how to scan books and change to be readable format.



- *Training on sign language.* Another important activity conducted by disabled students in corporation with Difabel Corner is Training sign language delivered by deaf students. This training is for librarians and volunteers in order to build their capacity in serving deaf students.



eBook for blind: As described above that electronic books are essential sources for visually impaired students as stated by one of disabled student, Akbar (interview on 15 November 2014).

According to Akbar ease of use and more accessible are the reason why he (and most of blind students) prefer electronic resources to books in braille. This means that library should provide adequate amount of ebooks since most disabled students in UIN Sunan Kalijaga are visual impairment. Unfortunately as stated by Lisa D. Fisher, a Canadian volunteer worked for the Disabled Students Service, the number of accessible books for blind students at UIN Sunan Kalijaga library were very limited. Therefore, Lisa recommended to develop digital collections accessible for disabled students either on site or online through library website. The library gave positive response by developing *Books for Blind* through *E-Book Production* Project through digitizing printed books and then upload at library website.

4.4 Digitizing and policy

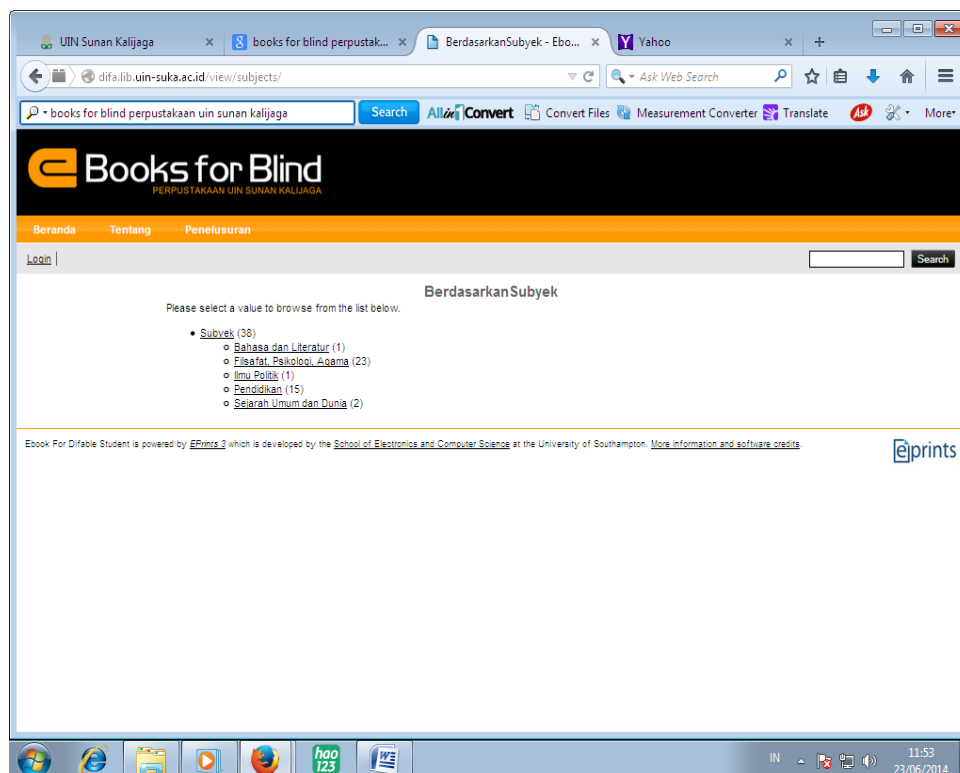
Digitizing process: According to the coordinator of library services (Ida Hadna, interview conducted in December 17, 2014) the library started Project E-book production in September 2013 involved 20 human resources. The first step taken by the library was preparing human resources who would work on digitizing printed books by giving training to volunteers, IT staff, librarians and disabled student. These people were then recruited as a team whose different role on digitizing process. The topic of training were:

- Introduction to digital collections
- File berformat : *.epub., *.pdf., html
- Introduction to *Abby FineReader*
- *Daisy standard*
- Practical steps on digitizing books using *Abby FineReader*: Scanning, Editing, saving books on Fine Reader format, Exporting ke File , *.pdf., *.html., *.epube-book into Audio book, Export e-book ke Audio book using Daisy xml translater
- Calibre management server access to web browser

The next step is digitizing books by the team who performed different task as follow:

- Book selection (3 visually impaired students)
- Scanning books (5 people)
- Editing file (7 librarians)
- Back up data (5 people)

The first step taken is selecting books. The selection process done by 3 blind students. The selection policy was based on textbook used by lecturers during learning process. This means there are thousand books of different disciplines need to be digitized. However, since the lack of time, the project only chose subject on institutional courses needed by all of UIN students. This was difficult decision they made since blind students coming from various study program want required books to be digitized to support learning process. The selected books were scanned, edited based on standad format and then uploaded on the library web. In this project, forty two titles were digitized: 1 book on language, 25 titles on philosophy, psychology and Islamic Studies, 1 title on Political science, 1 title on social sciences, 15 titles on education and 2 titles on history. The feature of *eBooks for Blind* can be seen on the figure below:



Policy on access to *eBooks for Blind*: Digital collection on *Ebooks for Blind* gives easy access to users (either disabled or non disabled) and even are able to download these collections. And this may invite copy right issues since the library only has copyright to access printed version not electronic one. However, according to copy right regulation, the library can make reproduction materials as long as the reproduction are directed for academic purposes not for commercial reason. And to anticipate copy right issues, the library developed policy on the digital collection use. Basically, digital collections are available for all users. However, the policy limits the full text access only for blind students. The students have to register to Difabel Corner service to accept user name and pasword to access digital collections on eBook for Blind.

4.5 Constraint in developing service for students with disabilities

UIN Library has commitment to support UIN Sunan Kalijaga as an inclusive university through providing special services for students with disabilities. However, it is not easy to develop this service because it requires supporting facilities, budget and capable human resources. According to librarian whose responsible for Difabel Service (interviewed on November 12, 2014), there are obstacles to develop ideal service primarily related to collections because of the lack of human resources needed to digitize collections. The availability of volunteers in Difabel Corner is another problem. Most of them are senior students (year 4) so they are busy with assignment and research for their final project before they graduate. Therefore, the library needs to recruite new volunteers.

Regarding to collection format accesible for difable students, the library has limited number of collection and must provide more formats so that the difabled students can access them.

The table below shows the availability of collection that can be accessed by the disabled students.

Table 2. Types of collections for disabled students

Type of Disabilities	Large Print	Tape/Daisy CD/DVD	Braille	Website	Video with subtitle and or sign language	Text phone	Easy-to-Read Collection
Visual impairment		X	X	X			
Deaf				X	X		X
Physical Impairment		X		X			

Another problem is related to library facilities. The library does not have easy access to library collection. The collections are placed in second to fourth floor but the building is not equipped with elevator. It means that users with physical disability will have difficulty to access library collections. And in this case, the library should provide special services for these users through delivery services or provide volunteers.

4.6 Progress made

From year to year, the services at UIN Sunan Kalijaga's library for the students with disabilities have increased significantly. This can be seen from the progress that has been made since the disabled corner was founded. At the time, the library had only one room with some collection and a computer with software for disabled students. In 2012, there was one librarian with specific skills appointed to manage the disabled corner. In 2013, there was a collection development program called "eBooks for Blinds" and, in 2014, the disabled corner has been moved to a more spacious and accessible place. All this progress has perfected the services for disabled, despite of its lack of accessible collection, which is more because of its lack of human resources. There is only one person in charge for the reproduction of readable-formatted books (an interview with Isrowiyanti, March 6, 2015). However, the library is now ready with its digital collection development programs, they are:

- Continuing the program of eBooks for Blind in cooperation with LIS Department UIN Sunan Kalijaga Yogyakarta in which students who take the subject of Multi Media and Media Technology are involved.
- Making cooperation with PLD in realizing the programs of 1000 Books for Disabled Students. The programs are to be executed by PLD and volunteers.
- Making cooperation with the University as parent institution and policy maker in developing the collection and services for disabled users. This cooperation enables the library manager to propose programs to the Planning Division.

4.7 Lesson learned

Up to the present time, there has been only two inclusive universities in Indonesia, they are State Islamic University Sunan Kalijaga Yogyakarta and Brawijaya University Malang (an interview with Ro'fah, Former Head of PLD, March 7, 2015). There will be some other inclusive universities in the future. Yogyakarta State University, for example, will possibly turn inclusive as it accepts students with disabilities. In our opinion, as the number of disabled students increases, the future libraries are to provide services for students with disabilities. As the Library of UIN Sunan Kalijaga shows, providing services for students with disabilities is a long process. The design of the building, for example has to be disabled friendly (lift for disabled students must be available). The biggest problem in Indonesia is that most of the libraries have not been designed as to make them accessible for disabled person. Therefore, in developing library services for students with disabilities, the library should do the following activities:

- Making Cooperation with the relevant institutions. Cooperation with the relevant institutions is the key to develop services for the students with disabilities because the library needs a lot of things, such as sufficient funding, qualified human resources and specific knowledge and skills to deal with the disabled students. As the library of UIN Sunan Kalijaga shows, Center of Services for Disabled Students (PLD) has been of much help to provide the needed facilities and services such digital collection, assistive computers with JAWS and a consultation.
- Policies and commitments from the parents institution. Up to now, there is no written policies concerning to the developing of the facilities for disabled students at UIN Sunan Kalijaga as parents institution. As a result, the library cannot access optimally to the available resources, especially in terms of funding. This policy will make the sustainability of the disabled corner's programs possible, even if there is a shift in management.
- Library's creativity in developing Disabled Corners. Since the library does not always have funding supports from the parents institution, the library's creativity is highly needed. Recently, there are a lot of technologies. Therefore, the librarians must keep themselves updated with this technology issues and be able to make IT-based services accessible for the disabled students that can be used to help disabled students access information.

5. Conclusion

As a part of inclusive university, UIN Library has great concern on information needs of disabled students. Various effort are applied to meet those need through providing specific services namely Disabled Corner that is not only provide informations but also space, activities, facilities and human resources for disabled students. And considering that the most of students with disabilities are visual impairment students the library then develop accessible collections for disabled students in online digital collections. Eventhough the library has provided a lot of facilities for students with disabilities, the library still need to develop those services regarding policies and facilities in order to give better services for them.

References

- Forrest, M. E. S. (2006). Towards an Accessible Academic Library: Using the IFLA Checklist. *IFLA Journal*, 32(1): 13-18.
- Irvall, B. & Nielsen, G. S. (2005). Access to Libraries for Person with Disabilities Checklist. (IFLA Professional Report 89) The Hague: International Federation of Library Association. <http://www.ifla.org>. (Diakses 2010).
- Spence, Patric R., Lachlan, K., Burke, Jennifer K. and Seeger, Matthew M. (2007). Media Use and Information Needs of Disabled During Natural Disaster. *Journal of Health Care for the Poor and Underserved*, 18(2007), 394-404.
- UIN Sunan Kalijaga. Pusat Studi Layanan Difabel. (2010). *Inklusipada Pendidikan Tinggi: Best Practices Pembelajaran dan Pelayanan Adaptif bagi Mahasiswa Difabel*. Netra. Yogyakarta: PSLD.
- Undang-Undang No.72 Tahun 1991 tentang Pendidikan Luar Biasa.
- Undang-Undang No. 4 Tahun 1997 tentang Penyandang Cacat.
- UU No. 20 Tahun 2003 tentang Sistem Pendidikan Nasional.