The National Library of the Philippines: Its Role in the ICT Development of the Country's Libraries

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The National Library of the Philippines

Introduction and Historical Background

- Libraries in the Philippines started in the late 16th and early 17th century by Spanish religious orders
- Museo Biblioteca de Filipinas inaugurated on October 24,1891 is the forerunner of The National Library of the Philippines

Introduction and Historical Background

- March 9, 1900 American Circulating Library was established by the American Circulating Library Association headed by Mrs. Charles Greenleaf
- Miss Nellie Young Egbert was the first librarian of the American Circulating Library in the Philippines

Introduction and Historical Background

- Republic Act No. 3873 gave The National Library its appropriate name
- A pending bill was filed at the House of Representative and in the Senate to change the name of The National Library to the National Library of the Philippines (NLP) for easy identification with national libraries of othe countries.

Organization Structure

- Cultural agency under the National Commission for Culture and the Arts
- Headed by a Director with an Assistant Director
- 200 staff, 45% are professional librarians

Location

- Permanent address since 1961, T.M. Kalaw St., Ermita, Manila, Philippines
- Building was constructed out of public contribution to mark the centenary birth anniversary of our national hero, Dr. Jose P. Rizal
- Occupies a total of 26,400 sq.ft. of ground and a total floor space of 198,000 sq. feet with reading rooms that can accommodate almost 2000 readers at one time

Vision

- Filipinos educationally and culturally empowered through access to books and new forms of resources, readily adaptable to global technological advances and changes for their economic, educational, social and moral well-being

Mission

- The National Library as the repository of the printed and recorded cultural heritage of the country and other intellectual resources, shall provide access to these resources for the people's intellectual growth, citizenship building, lifelong learning, and shall ensure the conservation and preservation of same resources

Objectives

- To acquire and preserve all Filipiniana materials;
- To provide national bibliographies;
- To develop, in cooperation with local government units, a system of public libraries and information centers in the country;
- To provide information, reference and research resources to the public; and,
- To promote, establish and maintain national and international standards in library and information services

Trends and Development of ICT in The National Library of the Philippines

- PHILIN (Philippine Library Information Network)
  - is an integrated library management and information system that makes up the National Library's information system

PHILIN

- NLIN (National Library Information Network)
  - Library Information Management System (Library•Solution System)
  - Management Information System (MIS)
- PUBLIN (Public Library Information Network)
  - Launched on May 28, 1998 wherein 140 public libraries (provincial, city, municipal and barangay) were given computers and licenses of TINLIB T-Series v300

Library•Solution System

- Year 2000, The National Library of the Philippines migrated to Library•Solution System wherein 92,267 titles in TINLIB format were converted to MaRC at the The Library Corporation Headquarters in West Virginia
- National Library staff were trained in the Inwood Virginia office USA and in the Philippines
- Public librarians were given training too in the Philippines

Your access to the most comprehensive libraries in the Philippines and the world!

www.elib.gov.ph

As the first public electronic library in the country, Philippine eLib is seen to represent the evolving culture and modernity of the Philippines. Accordingly, the logo chosen for Philippine eLib stands for nationalism in the new millennium. The main colors used in the logo are red, blue and yellow. These are the primary colors of the nation's flag, which represent the values of the Filipinos as individuals, and as a nation. The image of the sun and its rays represent Philippine eLib and the five government agencies that conceptualized it. Like the rays these institutions are the primary movers behind Philippine eLib. They serve as link between the ordinary people and the collective.

The Philippine eLib Project

- One of the first eGovernment Funded Projects through the Information Technology and E-Commerce Council (ITECC) now Commission on Information and Communication Technology (CICT).
- Conceptualized in the middle part of 2003 by the Department of Science and Technology (DOST)

The Philippine eLibrary Project

- In December, 2003 the Project Proposal gained the approval of the Council. Total budget is 166,770,000 million (about $290,000.00). It was expected to be fully operational in the 1st quarter of 2005.
- Heads of the participating agencies convened and signed the MEMORANDUM OF AGREEMENT (MOA) on February 4, 2004 at ASTI, C.P. Garcia Ave., Diliman.

The Philippine eLibrary Project

- This is a collaborative project of five government agencies. These are:
    - Commission on Higher Education
    - Department of Agriculture
    - Department of Science and Technology
    - National Library
    - University of the Philippines

Organizational Structure

- Steering Committee which is composed of executives from the five agencies which sets the policies and decisions for the Project.
- Project has six components which are interrelated. A team leader is appointed to each component. Each participating agency is represented in the six components. All team leaders are constituted into a Project Management Committee (PMC) headed by the Project Manager.
- The National Library is the Project Management Office (PMO) with the Director as the Project Manager.

Objectives:

- To provide access to information to citizens for life-long learning;
- To enrich local content in digital format for community and global access;
- To provide library and information services network to academic and government institutions for optimum use of resources;
- To promote and accelerate the exchange of knowledge resources among various sectors of society, including regional and international users; and,
- To establish a mechanism of income generation and other means to sustain the eLibrary.

Project Component:

- Network
  - Determine the network requirements of the Project, and how the existing information infrastructure of the participants can support the Project;
  - Determine each hardware requirements of the Project

Project Component:

- Portal System
  - Determine the system requirements of the portal system, the middleware, the payment gateway, the user management system, and all such software requirements to enable the Project to deliver the intended products and services;
  - Formulate the bid technical specifications of this component of the Project

Project Component:

- Digitization
  - Determine and prioritize the holdings that need to be digitized;
  - Formulate the bid technical specifications of this component of the Project
  - Documents to be digitized: 22 million+

Project Component:

- Collections Development
  - Determine collection requirements in all formats with emphasis on e-library resources;
  - Formulate the technical specifications of this component of the Project
  - Est. On-Line subscriptions: PhP 16 million

Project Component:

- Business Systems
  - Formulate the business model for the products and services envisioned by the Project;
  - Determine the cost and revenue sharing of the products and services

Project Component:

- Training
  - Coordinate the training needs of the Project;
  - Conduction orientations/workshops for the Project teams

RESOURCES (Content and Access)

Composition of Resources. The resources of the Philippine eLib shall include:

- Books and pamphlets
- Serials
- Theses and Dissertations
- Musical compositions
- Works of art (drawings, painting, sculpture, etc.)
- Illustrations, maps, sketches, charts and other two or three dimensional
- works relative to geography, topography, architecture or science
- Drawing of scientific or technical character
- Photographic works
- Audio - visual Works
- Derivative works
  - Dramatization
  - Translations
  - Adaptations
  - Abridgements and other alternatives of literary or artistic
  - works, and
- Compilations of data and other materials

RESOURCES (Content and Access)

Access. Bibliographic information of the resources is available at the eLib website.

- **Bibliographic search results maybe downloaded or printed.**
- **Access to a full text or a portion of the text of any material searched maybe made available subject to:**

  a) payment of assessed fees stipulated and in accordance with the provisions of the Copyright Law on use.
  b) "Fair use" principle. Downloading or printing text for criticism, comment,
  news reporting, teaching including multiple copies for classroom use, scholarship, research and similar purposes is not an infringement of copyright in accordance with the "Fair use" principle.

- **NOTE: In the Copyright Law, item 3.5 (Salient Provisions of R.A. 8293 with respect to copyright) Section 188 states that "Any library or archive whose activities ARE NOT for profit may, without the copyright owner, make a single copy of the work by reprographic reproduction.**

INITIAL DATABASE

- **HOLDINGS of the 5 Agencies**
  - **University of the Philippines**
  - **National Library of the Philippines**
  - **Commission on Higher Education**
  - **Department of Science & Technology**
  - **Department of Agriculture**

  Note: Free access to bibliographic data and maps of the regions.

Initial Database (cont'd)
SPECIAL COLLECTIONS

- **UP - Index to Philippine Periodicals**
  - **Philippine Index Medicus**
  - **Book Review Index**
  - **Biography Index**
- **NLP - Local History Index**
  - **Index to Rizaliana**
  - **Index to Historical Maps**

SPECIAL COLLECTIONS

- **DOST - Scientists Database**
  - **Institutions Database**
  - **Biotechnology Database**
  - **Micro-Small-Medium Enterprise**
  - **Tekno-Tulong**
  - **Philippine Journal of Science Index**

- **DA - Index to DA publications**
  - **(Ang Magsasakang Pinoy, etc.)**

DIGITIZED RESOURCES

(in Storage and can be downloaded upon request and at cost)

- **Theses and Dissertations**
- **Filipiniana Serials (indexed)**
- **Rare Books and Historical Maps**
- **Local History materials and Photographs**
- **Researches and selected Manuscripts**
- **Publications of the 5 Agencies**
- **Official Gazette issues (1902 -)**

ON-LINE SUBSCRIPTION TO ELECTRONIC DATABASES

ON-LINE SUBSCRIPTION TO ELECTRONIC DATABASES

Database Name/ Society/Publisher	Subject Coverage	Journal Coverage and Record Type
EBSCO Complete Academic Package, includes the following databases: Academic Search Premier, Business Source Premier, Biomedical Reference Coll. (Exp. Ed.) Business Source, Computer Source, ERIC, Information Science & Technology Abstract, Psychology & Behavioral Sciences Collection, Sociological Collection & MAS Ultra.	Multidisciplinary	Academic Search Premier - 4,455 full text journals and 7,888 abstracted and indexed journals Business Source Premier – 3,677 full text scholarly journals and business periodicals. Biomedical Reference Collection ; expanded ed. – 200 full text journals on clinical medicine, dentistry, vet med., pre clinical science and health care system. Computer Source – 350 full text journals and magazines on computer science. Psychology & Behavioral Science Collection – 550 full text journals.

ON-LINE SUBSCRIPTION TO ELECTRONIC DATABASES

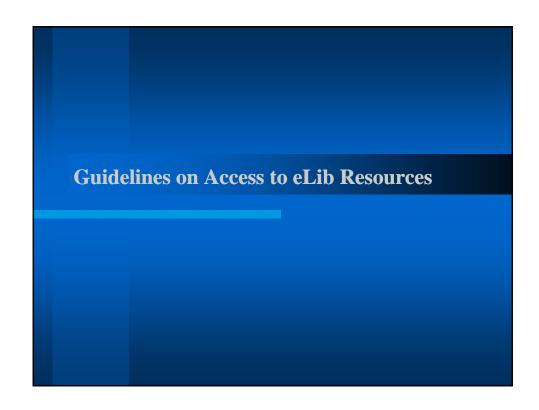| Database Name/ Society/Publisher	Subject Coverage	Journal coverage and Record Type
EBSCO (cont'd.)		Information Science & Technology Abstracts (ISTA) – index and abstracts of 450 publications. Sociological Collection – 500 full text journals on all areas of sociology. ERIC (Educational Research Information Center) – full text of more than 2,200 digests, index and abstracts from 1,000 journals, and full text for more than 540 journals. Communication & Mass Media Complete – 400 indexed and abstracted journals; 200 full text journals. MAS Ultra – full text for 550 popular general interest and current events publications with info as far as 1975 for key magazines. Also includes American Humanities Index, Premier Search, and Military & Government Collection.

ON-LINE SUBSCRIPTION TO ELECTRONIC DATABASES

Database Name/ Society/Publisher	Subject Coverage	Journal coverage and Record Type
ACM Digital Library by Association of Computing Machinery	Computer & Information Science	69,000 full text articles from journals, magazines & conference proceedings
ACS by American Chemical Society	Chemistry and related science	31 journals, full text
AIP/APS by American Institute of Physics/American Physical Society	Physics	AIP – 10 journals, full text ASP – 7 journals, full text
ASTM Standards Database & Index on CD-ROM	Standards	Access to Full Text of ASTM's 11,000+ Standards
Britannica Online	General Reference	73,000 articles, 8,000 of which are not found in the print version; 7,900 articles from Britannica Books of the year

ON-LINE SUBSCRIPTION TO ELECTRONIC DATABASES

Database Name/ Society/Publisher	Subject Coverage	Journal coverage and Record Type
CAB Abstracts	Plant science, animal science, human health, parasitology, ecology, forestry, soil science, food science & products, agricultural economics, biotechnology, agricultural engineering, leisure and tourism, etc.	4 million records with abstracts from 1973 to present; 180,000 new records each year; literature source from over 125 countries
Compendex	Broad engineering areas: mechanical, civil, environment, electrical, electromagnetics, structural, process, etc …	7 million bibliographic records and references to more than 6,000 engineering journals and conferences

ON-LINE SUBSCRIPTION TO ELECTRONIC DATABASES

Database Name/ Society/Publisher	Subject Coverage	Journal coverage and Record Type
IEEE Computer Society Library	Computer science and computer engineering	22 peer-reviewed periodicals (since 1988) 1,200+ conference proceedings (since 1995)
Project Euclid (Cornell University)	Applied & theoretical mathematics, statistics, computer science	19 journals, full text
XreferPlus	Offers full text content of 151 books from over 30 world class publishers. Topics include : art, bilinguals, biography, business, dictionaries, encyclopedias, food, geography, history, language, law, literature, etc.	Full text

Guidelines on Access to eLib Resources

Membership to the Philippine eLib

Membership to the eLib is exclusive to the students, faculty, staff and/or employees of the 5 partner agencies and their affinity sites.

Membership from private agencies and institutions or collections cannot as yet be accepted and needs further study.

QUALIFIED USERS

All members of the partner agencies and their affinity sites have full access to the eLib resources.

Individuals who have paid monthly, bi-annual or annual subscription fees can have full access to the eLib resources.

Membership to the Philippine eLib

All individuals with prepaid cards can have full access to the Philippine eLib resources.

Researchers from other colleges and universities, government agencies, private corporations or private individuals may use the eLib resources subject to the rules and regulations of the eLib.

An institution granted subscription as replacement of a duly registered Philippine eLib member agency can have full access to the electronic databases authorized in that member agency only.

For Members (UP)

Members of the UP may access the Philippine eLib electronic resources subject to the following rules and regulations:

- Students accessing the University eLib online resources are assessed P20.00 per hour or a fraction of the hour.

- Faculty, REPS and administrative staff may access the Philippine eLib online resources in their respective offices free of charge. However, once they access these in their college/unit libraries, they will be assessed the regular internet fee of P20.00 per hour or a fraction thereof.

- All printouts from the use of databases will be paid at P2.00 per page for dot matrix, P5.00 for laser, P20.00 for color.

For Members (Other Partners)

On Site (on premise use; within the perimeter of the member agency; within the campus -- in offices, sections, departments, work areas)

Full access to LOCAL eLib resources to include downloads is allowed outside of the partners' libraries or information centers. However, access only to specific foreign databases assigned to the partners is allowed.

Printing cost of materials from within the libraries or information centers, however, will be assessed per page to be paid in cash.

For on site use of prepaid cards, user has to re-login and may then be allowed access to other foreign databases.

For Members (Other Partners)

- **Off Site**

  Full bibliographic access to LOCAL eLib resources is allowed. However, downloads will be assessed per page. The Portal will prompt user for fees.

  Prepaid cards may be used off site for access to local and foreign resources.

For Non-Members

- Walk In

  Researchers from non-UP colleges/universities, government and private agencies may walk in any day of the week in any of the member institution libraries to access the databases. An entrance fee of P50.00 per day and an internet fee of P50.00 per hour or a fraction of the hour is assessed per person.

- Prepaid

  Individuals may use prepaid cards with cost varying from P100.00, P300.00, P500.00 and P1000.00 per card. The prepaid cards may be purchased from the member institutions or designated outlets.

  The prepaid cards may be used in on or off campus kiosks. For on site use of prepaid cards, user has to re-login.

  All requests for print materials will be assessed chargeable against the prepaid cards account.

ACCESS

- Members On Site (free)

  Full access to:
  - bibliographic records
  - abstracts
  - full-text of foreign databases assigned to partner
- Members Off Site (with Prepaid Cards and/or Paid Subscription)
  Full access to:
  - bibliographic records
  - abstracts
  - full text of all databases

ACCESS

- Non-Members/Researchers On Site (with Prepayment and/or Prepaid Cards)
  Full access to:
  - bibliographic records
  - abstracts
  - full-text of all databases

- Non-Members/Researchers Off-Site (with Prepaid Cards)
  Full access to:
  - bibliographic records
  - abstracts
  - full text of Filipiniana materials

  Full access to Foreign databases (Prepayment and/or Prepaid Cards Required)
  - via walk-in in any of the sites of partner agencies

FEES

- All assessed fees for the eLib require cash/pre-paid cards or pre-payment.

- Research and internet fees shall go to the institutional accounts, however, requests for full text downloading, microfilm printout, facsimile, e-mail transaction, etc. from the eLib databases made within the libraries of the members through the Portal will be assessed by the appointed SCOs in the libraries of the partner agency and goes to their respective special account funds.

Subscription Rates for Individuals who are members of the partners (Local and Foreign Databases)

- **Per month ....   P1,200 per person**
- **Per 6 months .... P7,000 per person**
  - (One-shot payment)
- **Per year .... P12,000 per person**
  - (One-shot payment)

For the first year transactions, cash, pre-payment and prepaid cards are required.

RESEARCH FEES
that can be collected by the participating institutions outside of the eLib Fund

CLIENTS	Entrance Fee	Internet Use	Use of Personal Equipment
Students, faculty and staff of member agencies/ institutions	Free	Free	P50 per hour or a fraction thereof
Students, faculty and staff of non-member agencies/ institutions	P50 per day (Except for NLP and DOST)	P50 per hour or a fraction thereof	P50 per hour or a fraction thereof
Alumni and researchers from non-member government researchers	P50	P50 per hour or a fraction thereof	P50 per hour or a fraction thereof
Researchers from private/ business corporations	P50	P50 per hour or a fraction thereof	P50 per hour or a fraction thereof

REPRODUCTION COST (1)

CLIENTS	Dot matrix Per Page	Laser Per Page	Color Per Page	Photocopying Per Page
Students, faculty and staff of member agencies/ institutions	P2	P5	P20	P1
Students, faculty and staff of non-member agencies/institutions	P5	P10	P30	P1
Alumni of member and non-member educational institutions	P5	P10	P30	P1
Researchers from private/business corporations and foreigners	P5	P10	P30	P1

REPRODUCTION COST (2)

CLIENTS	Microfilm Print-out	Microfilm Positive Reel	CD-R	E-mail Per Page
Students, faculty and staff of member agencies/ institutions	P5 per page plus postage and handling	P1,500 per reel plus postage and handling	Citation - P2 per page; Abstract & full text-P5 per page plus postage and handling and cost of blank CD	P5
Students, faculty and staff of non-member agencies/ institutions	P10 per page plus postage and handling	P1,500 per reel plus postage and handling	Citation - P2 per page; Abstract & full text - P5 per page plus postage and handling and cost of blank CD	P5
Alumni of member and non-member educational institutions	P10 per reel plus postage and handling	P1,500 per reel plus postage and handling	"	P5
Researchers from private/business corporations and foreigners	P10 per reel plus postage and handling	P1,500 per reel plus postage and handling	"	P5

DOCUMENT DELIVERY

CLIENTS	Search Fee (Database search is done by staff.)	Surface mail	Airmail/DHL/ Fedex	Fax (Local)
Students, faculty and staff of member agencies/ institutions	P100 service fee plus reproduction cost	From source to destination (local & foreign) plus weight and handling	From source to destination (local & foreign) plus weight and handling	P10 per page plus printing cost
Students, faculty and staff of non-member agencies/ institutions	P100 service fee plus reproduction cost	"	"	P10 per page plus printing cost
Alumni of member and non-member educational institutions	P100 service fee plus reproduction cost	"	"	P10 per page plus printing cost
Researchers from private/business corporations and foreigners	P100 service fee plus reproduction cost	"	"	P10 per page plus printing cost

Document Delivery (Foreign)
(In US dollars)

- Set up charge : 5.00 per article
- Photocopying charge /article : 2.50 per 10 pages or less
- Postage & handling : 1.50 per 10 pages
- Microfilm reel : 65.00 per reel plus postage
  and handling fee
- Binding fee : 3.00 plus postage & handling

FOREIGN DATABASES
(SUBSCRIPTION RATE FOR REPLACEMENT MEMBER)

Database Name	Proposed Cost Per Institution (In US$ and Php)
ACM	5,500 308,000
ACS	10,000 560,000
AIP/APS	14,000 784,000
ASTM Standards	20,000 1,120,000

FOREIGN DATABASES
(SUBSCRIPTION RATE FOR REPLACEMENT MEMBER)

Database Name	Proposed Cost Per Institution (In US$ and Php)
Britannica Online	1,250 70,000
CAB Abstracts	5,500 308,000
Compendex	8,000 448,000
IEEE Computer Society Library	13,500 756,000
Project Euclid	10,000 560,000
XreferPlus	1,800 100,800

Participating Agencies of the eLib Project

UNIVERSITY OF THE PHILIPPINES

- UP Diliman
- UP Manila
- UP Los Baños
- UP Baguio
- UP Visayas (Iloilo)
- UP Cebu
- UP Mindanao

National Library of the Philippines

- **NCR – National Library of the Philippines**
  - **Makati City Library**
  - **Marikina City Library**
  - **Quezon City Library**
- **CAR: Baguio City Library**
- **Region I: La Union Provincial Library**
  - **Dagupan City Library**
  - **Pangasinan Provincial Library**
  - **Alaminos City Library**
- **Region III: Pampanga Provincial Library**

National Library of the Philippines

- **Region VI: LA Dioso Public Library, Antique**
  - **Iloilo Provincial Library**
    - **Negros Occidental Provincial Library**
- **Region VII: Bohol Provincial Library**
  - **Cebu City Public Library**
- **Region IX: Zamboanga del Norte Provincial Library**
  - **Zamboanga City Library**
  - **Pagadian City Library**
- **Region X: Cagayan de Oro City Library**
  - **Misamis Occidental Provincial Library**
  - **Tagoloan Municipal Library, Misamis Oriental**
- **Region XI: Davao City Library**
- **Region XII: Sultan Kudarat Provincial Library**
- **CARAGA – Butuan City Library**
- **Congress and Senate Offices**
- **Office of the President**

CHED

- **CHED**
- **Philippine Normal University**
- **Mariano Marcos State University**
- **Leyte State University**
- **Palawan State University**
- **Mindanao State University – IIT**
- **Western Mindanao State University**

DOST

- ASTI (Advanced Science & Technology Institute)
- FNRI (Food and Nutrition Research Institute)
- FPRDI (Forests Products Research & Development Institute)
- MIRDC (Metals Industry Research & Development Center)
- ITDI (Industrial Technology Development Institute)
- PCAARD (Phil. Council For Agriculture, Forestry   and Natural Resources and Research and Development)
- PNRI (Philippine Nuclear Research Institute)

DA

- **Department of Agriculture**
- **Bureau of Agricultural Research**
- **Bureau of Agricultural Statistics**
- **Bureau of Soils and Water Management**
- **National Irrigation Agency**
- **Philippine Rice Research Institute**
- **Bureau of Post Harvest & Research Extension**

Baguio City Library
La Union Public Library
Dagupan City Library
Pampanga Provincial Library
Senate Library;Office of the President;Congress Library
National Library of the Philippines
Marikina City Library
Makati City Library
Laguna Provincial Library
Naga City Library
Leocadio Dioso Public Library
Bohol Provincial Library
Butuan City Library
CDO City Library
Misamis Occidental Provincial Library
Zamboanga del Norte Provincial Library
Sultan Kudarat Provincial Library

NLP Libraries

CHED

MMSU – Ilocos Norte
ISU - Isabela
CHED Central Office
CvSU - Cavite
Miscat - Mindoro
WVSU - Iloilo
WPU - Palawan
LSU - Leyte
CMU - Bukidnon
MSU-IIT - Iligan
WMSU – Zamboanga City

UP System

UP Baguio
UP Diliman
UP Manila
UPOU/UP Los Baños
UP Visayas-Tacloban
UP Visayas-Iloilo
UP Visayas-Cebu
UP Mindanao-Davao

DOST-ROs

DA-ROs

Benefits from the Project

- Access to combined library resources/holdings of the participating libraries,
- Access to expensive electronic databases by the SUCs at a lower cost,
- Preservation of the cultural heritage through digitization of Filipiniana materials, photos, maps, etc.

Thank you and Mabuhay!

- Paper presented during the FUSE Conference
  at the Century Park Hotel, Makati City
  September 28, 2005