Science & Technology Information for Lifelong Learning

Hanoi, 12/2010
Outline

- Introduction to NASATI
- S&T Information for rural development
- National Science & Technology Library
- Library Consortium on e-Resources
- Vietnam Research & Education Network
History

- September, 1990 - Established the National Centre for Scientific & Technological Information & Documentation (NACESTID) by merging two organisations:
  - Central Library on Science and Technology (founded 1960)
  - Central Institute for Scientific and Technical Information (founded 1972)
- June, 2003: Renamed to the National Centre for Scientific & Technological Information (NACESTI)
- December, 2009 - Upgraded to the National Agency for Science and Technology Information (NASATI)
Functions

- Implement state management and provide services in the field of science and technology information, library and statistics.
- Major tasks in respect to lifelong learning:
  - Provide S&T information services for rural and mountainous communities;
  - Organize and develop the National Science and Technology Library and Vietnam Library Consortium for Science and Technology Information Resources; Development of S&T information resources for the whole country;
  - Organize, coordinate and develop Vietnam Research & Education Network (VINAREN);
Facilitate socio-economic development of rural and mountainous areas by providing S&T information thus improving access to learning materials and information, and increasing people’s knowledge and literacy.

- Develop a practical model (e-library) to provide S&T information for rural and mountainous areas;
- Develop electronic information resources for rural education and agricultural production;
- Provide trainings for information users in rural communities;
S&T Information Model for rural areas

Information Resources (NASATI)

Terminal Points in Commune

Information Centers (DOST)

S&T information for rural development
Information content

- Agriculture
- Irrigation
- Forestry
- Public health care
- Education
- Construction
- Communication and transportation
- Traditional technologies
- New technologies, Biological technologies
- Sports. Culture
- Legal documents
- Etc.
Application & Impacts

- Over 300 communes in 34 provinces applied the model;
- E-library as a communication site of rural people;
- Improved education and knowledge level of local people;
- Increased agricultural productivity and trade;
- Improved social and cultural life of rural communities.
Background

- Established in 1960
- Largest S&T library in Vietnam serving researchers, educators, students and general public all over the country
- Coordinate and develop the national S&T information resources
Information Resources

- 400,000 book titles
- 6,500 print journal titles
- Online databases:
  - Vietnamese S&T Database
  - Vietnamese Research Reports
  - International scholarly resources: ScienceDirect, Springerlink, ISI Web of Science, Proquest, ACS, Ebrary, etc.
Special User Services

- Enhancing access to scholarly information resources for learning and research activities
- Providing remote access to NASATI’s online resources for users
- Access to over 15,000 local and international journal titles
Establish and strengthen a library consortium on e-resources as a focal point in promoting collective and collaborative national information resources and professional development in order to satisfy increasing knowledge and information need of users, especially academic and research communities.

- Developing a comprehensive national information resource; providing affordable and sustainable access to up-to-date international scholarly information and knowledge through online databases and journals;
- Enabling Vietnamese research outcomes to be published, accessed and disseminated online locally;
- Facilitating and implementing appropriate trainings and other capacity building activities for librarians and information professionals.
Membership

- Membership based on the commitments and willingness of individual member libraries
- 30 permanent members across the country, including major public, academic and public libraries:
  - VNU Hanoi, VNU HCM, HUT, Da Nang Univ., Hue Univ., Can Tho Univ., etc.
  - VAST, VASS, NASATI, CIEM, etc.
  - NLV, HCM General Science Lib.
- To be expanded to Mekong Delta region
Vietnam Library Consortium on e-Resources

Activities

- Online databases joint subscription
- Receive book donations from the Sabre Foundation
- Short training courses for information specialists on various topics: e-resource usage monitor and evaluation, marketing library services, negotiation skills, etc.
- Vietnam Journal Online project (VJOL)
- Promotion activities to raise awareness and usage of e-resources for research and education
Online international databases: EBSCO, Blackwells (Wiley Interscience), Proquest Central.

More valuable online databases needed: ScienceDirect, SpringerLink, etc.

Sharing of local information resources among members such as Vietnam Science & Technology Database (STD)
Benefits

- Cost sharing among members
- Help “poor” libraries approach to international scholarly databases with affordable price
- Reduced cost per article download
- Improved information literacy skills of users
- Increased database usage level, thus help improve education and research quality
Objectives

Establishment and development of VinaREN, connecting to regional and international research and education networks in order to improve the effectiveness and promote the international cooperation and integration in the field of research and education.
Network Infrastructure

- **International connection:**
  Hanoi - Hong Kong: 155 Mbps

- **National backbone:**
  Hanoi – Da Nang – Ho Chi Minh City 155 Mbps

- **Regional Network connection to 57 institutions in 11 provinces/cities**
Vietnam Research & Education Network

Services for research and education

- E-learning
- Telemedicine
- E-science
- E-culture
- E-agriculture
- Disaster management and weather forecast
- Network research
- Access to the online database on the Internet
Science and technology information play an important role in supporting lifelong learning of the citizens, thus improve social welfare.

NASATI continues its strong commitments to provide S&T information for researchers, educators, students as well as grassroot people and the general public, serving socio-economic development of the country.
Thank you!