

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)



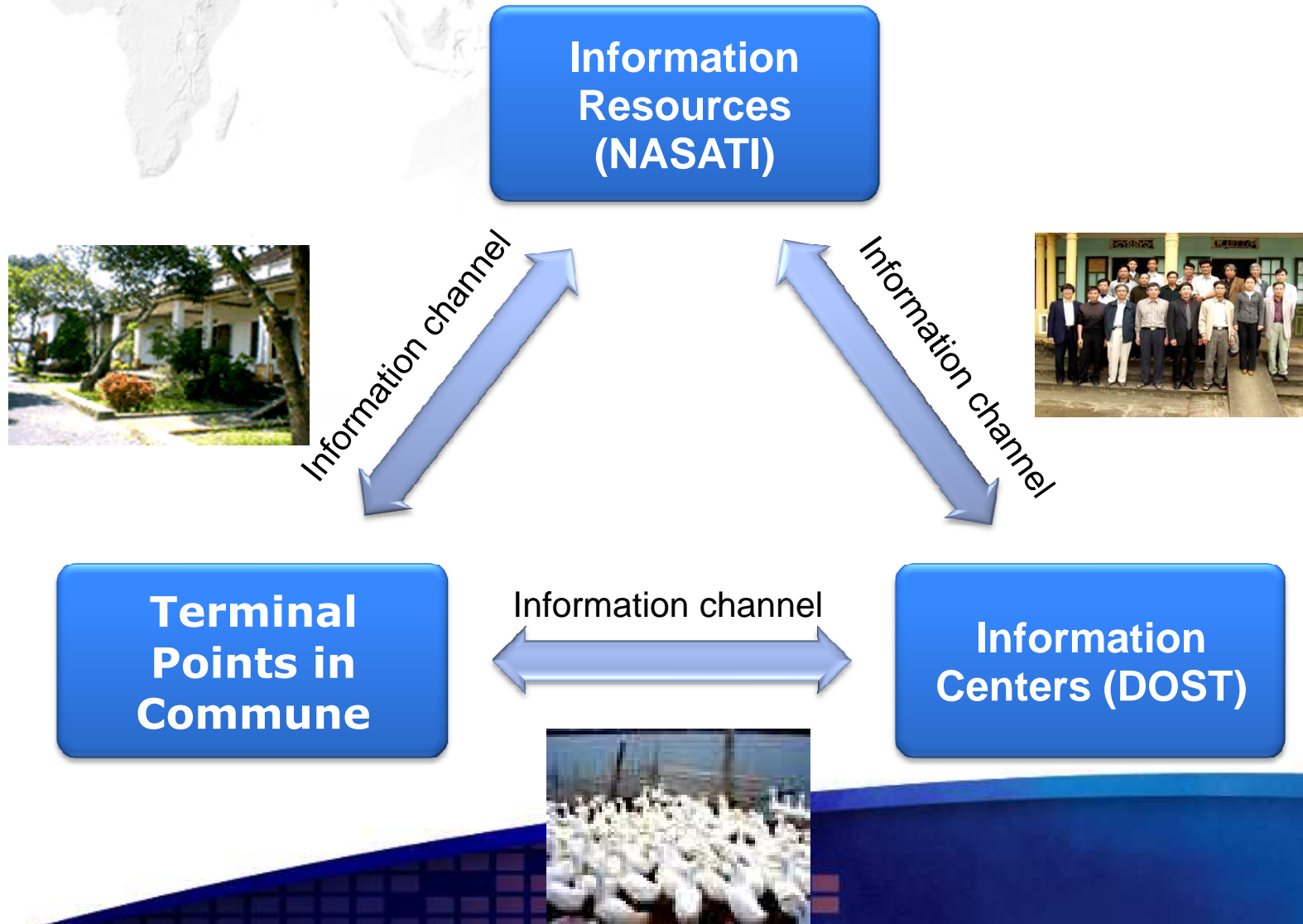
Functions

- 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);

Purposes

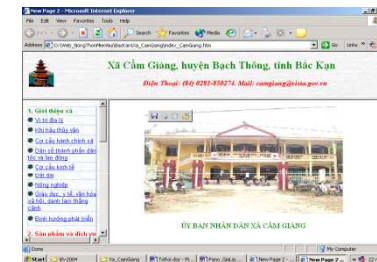
- Facilitate socio-economic development of rural and mountainous areas by providing S&T information thus improving access to learning materials and information, and increasing people's knowledge and literacy.
 - Develop a practical model (e-library) to provide S&T information for rural and mountainous 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 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.

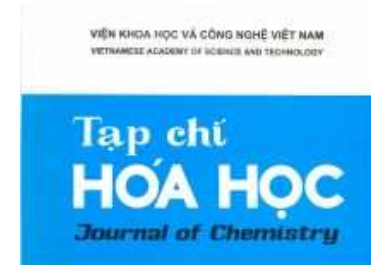
Background

- 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



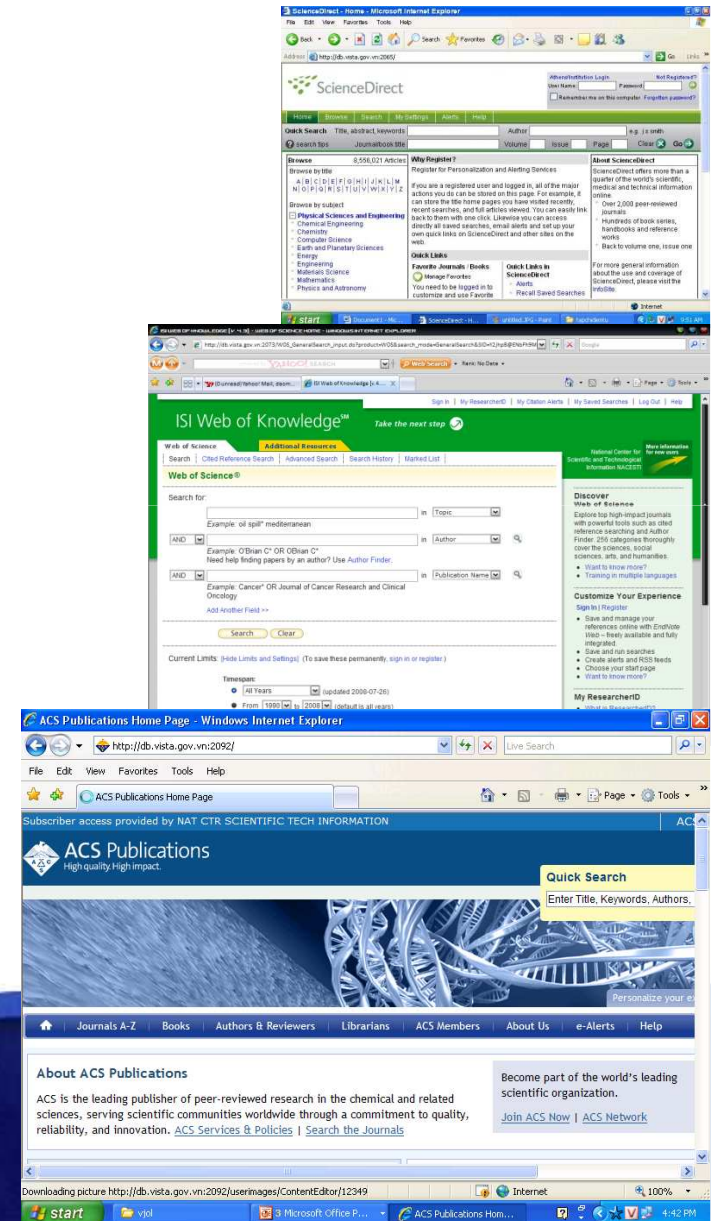
Information Resources

- 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



» Purposes & Objectives

- 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

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



➤ Resource subscription & sharing

- 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)

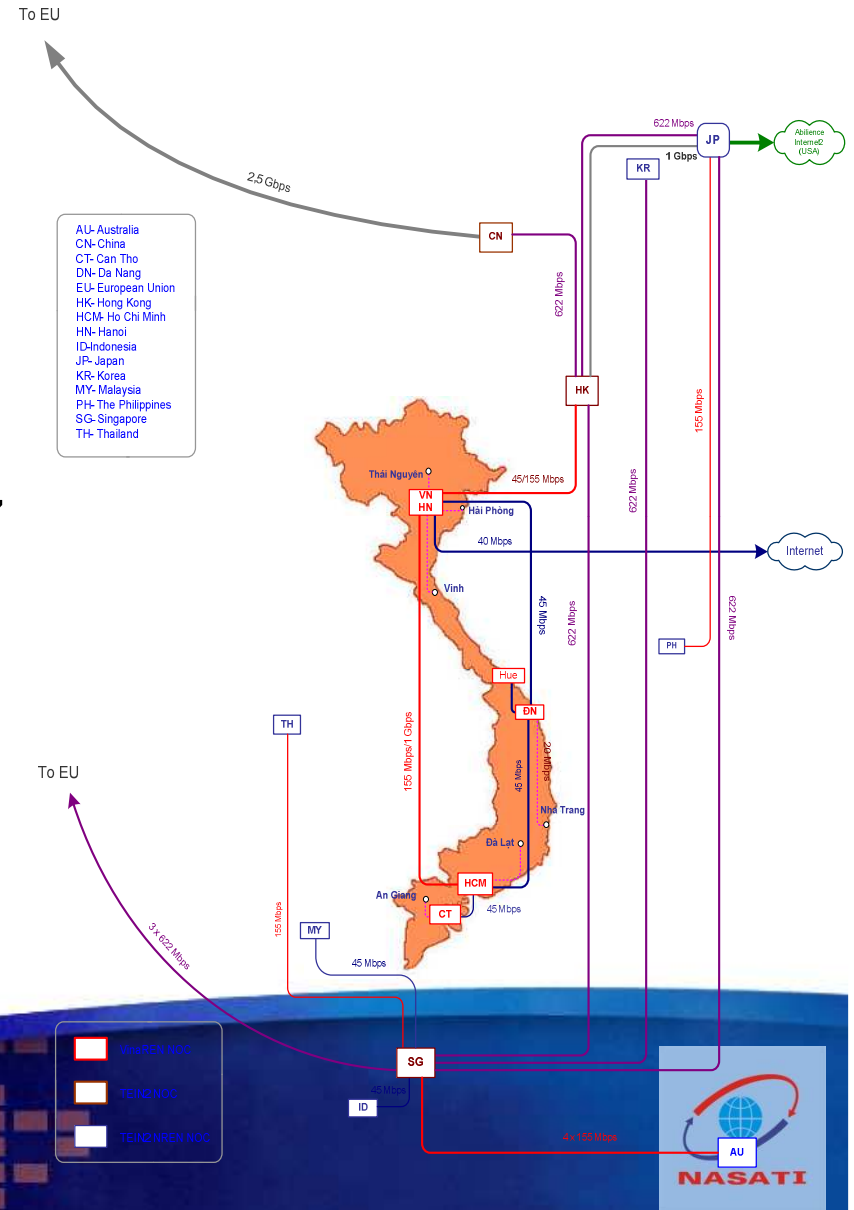
Benefits

- 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

Vietnam Research & Education Network

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**



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





➤ Conclusion

- 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!

