






Addressing Data Needs of Countries: the Southeast Asian Ministers of Education Organization (SEAMEO) Experience

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Presented by Dr Witaya Jeradechakul
Director, SEAMEO Secretariat

The Purpose of SEAMEO

SEAMEO is a chartered international and intergovernmental organization established in 1965 to promote cooperation in education, science and culture in Southeast Asia.

SEAMEO Secretariat
Ministry of Education Organization

Vision

The leading organization for enhancing regional understanding and cooperation in education, science and culture for a better quality of life in Southeast Asia

Mission

To enhance regional understanding, cooperation and unity of purpose among Member Countries for a better quality of life through

- the establishment of networks and partnerships,
- the provision of fora among policy makers and experts, and
- the promotion of sustainable human resource development














Priority Areas


- 1. Education**
 - a) 21st Century Skills
 - b) Continuous Professional Development for Teachers and Education Personnel
 - c) Education For All
 - d) Education for Sustainable Development
 - e) Higher Education
 - f) Technical and Vocational Education
- 2. Culture**
 - a) Archaeology and History
 - b) Arts and Design
 - c) Cultural Diversity and Regional Identity
 - d) Heritage Preservation and Cultural Management
 - e) Traditions and Values
- 3. Science**
 - a) Agriculture
 - b) Biodiversity and Biotechnology
 - c) Disaster Management
 - d) Food and Nutrition
 - e) Natural Resources and Environmental Management
 - f) Preventive Health, Reproductive Health Education and Life Skills Development



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11 SEAMEO Member Countries

Indonesia (1965)		
Lao PDR (1965)		
Malaysia (1965)		
Philippines (1965)		
Singapore (1965)		
Thailand (1965)		
Cambodia (1971)		
Brunei Darussalam (1984)		
Vietnam (1992)		
Myanmar (1998)		
Timor-Leste (2006)		



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7 SEAMEO Associate Members





Australia (1973)		
France (1973)		
New Zealand (1974)		
Canada (1988)		
Germany (1990)		
Netherlands (1993)		
Spain (2007)		

3 SEAMEO Affiliate Members

International Council for Open and Distance Education (1999)

Tsukuba University (2009)

The British Council (2010)

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20 SEAMEO Regional Centres and a Regional Network on Tropical Medicine and Public Health		
11 Regional Centres for Education	2 Regional Centres for Culture	7 Regional Centres for Science
Areas of Expertise	Areas of Expertise	Areas of Expertise
<ol style="list-style-type: none"> 1. Innovative Education and Technology 2. Science and Mathematics Education 3. Language Education 4. Vocational and Technical Education 5. Higher Education 6. Special Education 7. Open Learning/ Distance Education 8. Education Management 9. Teacher Capacity Building 	<ol style="list-style-type: none"> 1. Cultural Development 2. Archaeology 3. Fine Arts 4. History and Traditions 	<ol style="list-style-type: none"> 1. Agriculture 2. Tropical Biology 3. Natural Resource Management 4. Tropical Medicine 5. Public Health 6. Food and Nutrition

The SEAMEO Database on Education

A. Background

1. SEAMEO needs to develop a database on education for the SEAMEO Member Countries.
2. SEAMEO Member Countries, SEAMEO Regional Centres, and SEAMEO network need up-to-date data on education.

A. Background (cont'd)

3. SEAMEO Secretariat is in the process of developing database on education which will also include data on EFA as well as other data needed in planning, decision-making and others.
4. SEAMEO collaborates with UNICEF in developing the SEAMEO database on education. UNESCO also supports the initiative.



B. Objectives of SEAMEO Database

1. To compile data on education to meet the current needs of SEAMEO Member Countries
2. To present regional information and depict the SEAMEO educational profile for regional and global reference
3. To serve as an additional source of information for planning and decision-making for SEAMEO and other stakeholders in designing various initiatives for the region; and complement existing databases of international organizations



C. Design of Database

1. Scope and Categories of Data

- 4 categories of data: pre-primary, primary, secondary, and tertiary
- 4 areas under each category: schools/institutions, teachers/lecturers, students, and others

2. Indicators

- There are 74 indicators
- Indicators include 40 selected [EFA indicators](#) and 34 indicators developed by [SEAMEO](#) (e.g. indicators for tertiary education)



C. Design of Database (cont'd)

3. Respondents

Planning or other relevant divisions/units in charge of the educational management information system (EMIS) of the ministries of education of SEAMEO Member Countries

4. Timeframe/Frequency

Annually



C. Design of Database (cont'd)

5. Data Collection Method

- a) Survey method is used using questionnaire
- b) Two (2) types of data will be collected: current data (Jan to Dec 2010); and projected data (2011 and 2012)
- c) For the "current data", national data and sub-national data will be collected
- d) For the "projected data", only national data will be collected
- e) There are 74 indicators
- f) Each indicator is defined in the questionnaire (country may provide own definition, if any)



C. Design of Database (cont'd)

6. Data Processing

DevInfo software will be used to process data

[Example of the Questionnaire](#)



D. Schedule of Data Gathering

1. Sending the survey questionnaire to SEAMEO Member Countries	Week 1, August 2011
2. Submission of questionnaires by SEAMEO Member Countries	Week 4, August 2011
3. Validation of gathered data	Weeks 2 – 4 Sep 2011
4. Data encoding into the database; and organization and presentation of data into tables, graphs and charts	Weeks 1 – 4 Oct 2011
5. Report and presentation to SEAMEO High Officials Meeting (HOM)	Week 3 Nov 2011
6. Uploading of database on SEAMEO website	Week 1, Dec 2011



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E. Beneficiaries of SEAMEO Database on Education

1. SEAMEO
2. International organizations
3. Educational institutions in Southeast Asia and beyond
4. Policy makers, educational experts, educational practitioners, and others



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F. Future Plan

1. Planned activities for 2012

- a) Review the process of the conduct of data collection for 2011 database
- b) Convene a workshop among relevant officials in the ministries of education of SEAMEO Member Countries
- c) Conduct the second survey from February to June 2012
- d) Report the result to the SEAMEO High Officials Meeting in November 2012
- e) Publish SEAMEO Database on Education, both print and non-print



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F. Future Plan (cont'd)

2. The long-term Benefits of SEAMEO Database on Education

- a) The SEAMEO Database on Education will be used as a reference by decision makers in Ministry/Department of Education of SEAMEO Member Countries, as well as by the SEAMEO Centres in planning educational initiatives/projects/programmes in Southeast Asia.



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F. Future Plan (cont'd)

2. The long-term Benefits of SEAMEO Database on Education (cont'd)

- b) SEAMEO Database on Education will complement the existing databases in education developed by UNESCO and other international organizations.
- c) SEAMEO Database on Education will serve as benchmark tool for institutions involved in educational initiatives/projects in Southeast Asia.



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Thank you very much.

www.seameo.org

email us at secretariat@seameo.org



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