QUANTITATIVE AND QUALITATIVE METHODS
IN DESIGNING DEVELOPMENT EVALUATION

For SEAMEO Centres

5-8 December 2016
Bangkok, Thailand

Background

Over the last decade, evidence and quality have become buzzwords in development programmes. The growing competition for scarce resources and the increasing demand for accountability to policy makers, funding agencies and other stakeholders underscore the need for development programmes to demonstrate the quality and effectiveness of their actions. The Paris Declaration on Aid Effectiveness of 2004, adopted by OECD/Development Assistance Committee (DAC), emphasizes the necessity of the international community to enhance efforts in regards to Ownership, Alignment, Harmonization, Management for Results and Evaluation in all development programmes. This was also one of the major triggers that stimulated development of an evaluation culture in the region. It is increasingly regarded and used as a highly valued and integral part of good management practice.

SEAMEO as a regional development organization in Southeast Asia recognizes the increasing relevance and importance of evaluation. Thus, in enhancing the evaluation culture in the organization, a "Discussion Forum: Advancing the Practice and Standards of Evaluation in SEAMEO" was organized by SEAMEO TROPMED Network in 2014. This forum was participated by SEAMEO Regional Centre Directors and the Secretariat officials to kick start a series of evaluation related activities. The forum provided an opportunity for SEAMEO high management officials to reflect on the role of evaluation for good governance and management and the benefits it can bring to SEAMEO and at the same time explore important practices in evaluation that are relevant to the goals and functions of SEAMEO.

This was followed by a one-week "Development Evaluation Workshop" that aimed to enhance the capacities of the Centres to undertake evaluation projects/activities. This was participated by 38 participants coming from 21 SEAMEO Centres.

Rationale

The strategic planning process of SEAMEO as an organization adopted a golden scenario by 2020 which describes "SEAMEO is well recognized as an international organization and a strategic partner of ASEAN in the advancement of education, science and culture". Its vision is to be the leading organization for enhancing regional understanding and cooperation in education, science and culture for a better quality of life in Southeast Asia. To achieve this vision and its mission, nine (9) central strategies were adopted, three of which relate to internal capacity building of the organization. The rationale is that you can position SEAMEO as a leader in education if its workforce is of highest quality, thus there's a need for continuous human resource development efforts for the organization in the context of the changing global development and financial context. One of the Initiatives identified is continuous and sustained internal capacity building.

In addition, SEAMEO SEARCA has recently organized a workshop for the establishment of the "**Centres Policy Research Network"** that underscores the importance placed by SEAMEO on research and evaluation. Furthermore, another workshop on **"Big Data'** was also organized for the SEAMEO Centres led by SEAMEO SEAMOLEC.

This training workshop is being convened to further enhance the capacities developed during the first Development Evaluation Workshop and to complement and supplement all efforts of SEAMEO in building the capacities of SEAMEO Centres to undertake the different research and evaluation designs.

Objectives

By the end of the training, the participants should be able to:

a. Explain the steps in conducting development evaluation and the specific activities to be conducted under each step;
b. Compare the different quantitative and qualitative methods used in designing development evaluation particularly in relation to the following areas:
    i. Matching the appropriate evaluation design to the evaluation questions asked
    ii. Developing the structure of the evaluation design;
    iii. Determining procedures involved in implementing the design including methods of sample selection and allocation
    iv. Determining the sample size requirements
c. Develop the appropriate evaluation design corresponding to the evaluation objectives and logic of change they have earlier formulated;
d. Identify appropriate modes of data collection in relation to the objectives;
e. Develop data collection tools for the data collection activities identified; and
f. Develop the data analysis plan corresponding to the evaluation objectives and design they have formulated

COURSE SYLLABUS

DAY/TIME	ACTIVITY
5 December	
8:30 – 9:00	Registration of Participants
9:00 – 9:30	Opening Ceremonies Introduction of Participants
9:00 – 10:30	Session 1: Review of Basic Concepts and Principles Related to Development Evaluation 1.1 What is Development Evaluation? 1.2 Principles of Impact Evaluation 1.3 The Special Case of Training Impact Evaluation 1.4 Steps in Conducting Development Evaluation
10:00 – 10:30	Tea Break

10:30 – 12:30	Session 2: Preliminary Steps in Conducting Development Evaluation
	    a. Formulation of Evaluation Objectives
	    b. Developing the Logic of Change
	    c. Determining the Indicators and Constructing the Evaluation Matrix

12:30 – 1:30	Lunch Break

1:30 – 4:00	Workshop 1:
	    a. Formulation of evaluation objectives
	    b. Developing the logic of change
	    c. Determining the indicators and constructing the evaluation matrix
	Note: Tea will be served at 3pm for a working tea break

4:00 – 6:00	Plenary 1: Presentation of outputs of Workshop 1
6 December	
8:00 – 10:00	Session 3: Evaluation Designs for Quantitative Studies
10:00 – 10:30	Tea Break
10:30 – 12:30	Session 4: Evaluation Designs for Qualitative Studies
12:30 – 1:30	Lunch Break
1:30 – 3:00	Session 5: Sampling Designs
3:00 – 3:30	Tea Break
3:30 – 5:00	Session 6: Sample Size Determination
7 December	
8:00 – 10:00	Session 7: Modes of data collection for qualitative studies
10:00 – 10:30	Tea Break
10:30 – 12:30	Session 8: Development of Data Collection Tools 8.1 Qualitative Studies 8.2 Quantitative Studies
12:30 – 1:30	Lunch Break
1:30 – 3:30	Session 9: Analysis of data from quantitative studies
3:30 – 4:00	Tea Break
4:00 – 6:00	Session 10: Analysis of data from qualitative studies **ASSIGNMENT:** **Development of the Evaluation Design, Data Collection Tools and Data Analysis Plan**

DAY/TIME	ACTIVITY
8 December	
8:00 – 10:00	Plenary 2: Presentation of Development Evaluation Proposals
10:00 – 10:30	Tea Break
10:30 – 12:30	Continuation of Plenary 2
12:30 – 1:30	Lunch Break
1:30 – 3:00	Continuation of Plenary 2
3:00 – 3:30	Tea Break
3:30 -4:30	Continuation of Plenary 2
4:30 – 5:00	Closing Ceremonies

Outputs:

A first draft of a complete evaluation protocol to include:
- Evaluation objectives
- Logic of change
- Evaluation matrix
- Evaluation Design
- Data collection methods and tools
- Analysis Plan

Participants

It is highly suggested that the participants of the first Development Evaluation workshop be the ones sent for them to complete their previous evaluation protocol.