

## Abstract

## **A Study on Education Indicator Development and Statistical Capacity Building Focused on Asian Countries**

Chang Hwan Kim  
Hu Nam Im  
Sung Ho Park  
Kyoung Ho Park  
Hai Jeong Ahn  
Bon Young Kim  
Ki Jun Lee  
Jae Min Park  
Yo Sub Oh  
Han Seung Lee  
Seung Hyun Yup  
Jung Gyum Kim  
Chan Hee Lee  
Ki Sang Song  
Jong Hyo Park  
Jae Eun Chae  
Roshan Bajracharya

This study aims to develop of statistical capacity of developing countries. It plans to carry out for a total of nine years, and it include a ‘3-years-long Consulting Project’ for a period of three years by countries.

The first period from 2017 to 2019 of the 3-years-long consulting project has a purpose

to be carried out to develop education statistics capacity of developing countries through establishment a comprehensive consulting plan according to determine current status of education statistics of three Asian countries and conduct a demand survey and statistics survey.

In 2017, the research has a main purpose to establish a comprehensive consulting plan for three Asian countries (Mongolia, Viet Nam and Sri Lanka). In the first half of the year, it analyzes the educational statistical system in depth, figures out the needs of the consulting and assesses educational statistics capacity with a field consulting in selected countries, and then it establishes the education statistical consulting plan. And in the second half of the year, it shares the education statistical development experiences of three Asian countries and determines finally educational statistics consulting plan with discussion.

The research takes the following steps to establish the educational statistics consulting plan for three Asian countries: 1) It starts with a literature review to analyze the concept and meaning of ‘educational indicators and international cooperation’ and ‘educational statistics consulting’ in developing countries. 2) It conducts the statistics survey of three Asian countries and analyzes its results. It develops the survey tools for statistics and identifies requirement of educational statistics through the pre-survey by e-mail and field analysis. 3) It also conducts the demand survey of three Asian countries and analyzes its results. It develops the demand survey tools and figures out the needs of educational statistics through the pre-survey and field analysis. 4) It makes the survey tools and carries out the statistical quality assessment of the three Asian countries and analyzes its results. 5) And finally this study establishes education statistics consulting plan. In other words, the consulting plan is established based on statistics survey, demand survey and statistical quality assessment conducted by three Asian countries.

For Mongolian education statistics consulting plan, the research develops the consulting model and presents it, and based on this, the consulting project is set out. It selects 8 subjects of research in 5 areas (building up the education infra and contents of survey,

improvement in educational statistical system, efficiency survey methods and analysis of the survey results and utilization of it) and determines to proceed the consulting project.

For Vietnamese education statistics consulting plan, the research develops the consulting model and presents it, and based on this, the consulting project is set out. It selects 10 subjects of research in 3 areas (establishment of educational statistical law, organization, etc., improvement in educational statistical manpower training and establishment of optimization system for education statistics) and determines to proceed the consulting project.

For Sri Lanka's education statistics consulting plan, the research develops the consulting model and presents it, and based on this, the consulting project is set out. It selects 9 subjects of research in 4 areas (educational statistics law, organization, infrastructure, etc., educational statistical survey system, statisticians' capacity and utilization of educational statistics) and determines to proceed the consulting project.

On the basis of the education statistics consulting plan by three Asian countries, the consulting project will be carried out to improve the capacity building of education statistics from 2018 to 2019.

**key word : education statistics, education indicator, statistical capacity building, statistics consulting, developing country, Sustainable Development Goals(SDGs)**