

Micro Data Laboratory News Bulletin

- A new approach of micro-data analysis through international cooperation -

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The Eleventh International Workshop

The 11th *International Workshop on Analysis of Micro Data of Official Statistics* was successfully held by the Micro Data Laboratory Project at the Institute of Statistical Mathematics (ISM), Research Organization of Information and Systems (ROIS), Tachikawa City, Tokyo, Japan from 28 November through 3 December 2019.

The Workshop was attended by two delegates from each of three NSOs of Bangladesh, Nepal and Vietnam. This time, two government officials from Cambodia who came to Japan on another project participated in the Workshop as observers.

In the morning of the first day of the Workshop, Dr. S. Yamashita (ISM) made opening speech, which were followed by brief explanation of the Laboratory Project by Mr. M. Aida (Sinfonica).

1. Themes of the 11th International Workshop

There were three main themes in the 11th International Workshop.

- (1) Lecturing on analysis using micro data by Japanese researchers
- (2) Delegates' clarification of micro data sets provided by the three NSOs
- (3) Comparative analysis by the delegates using the database constructed in the Laboratory



Courtesy call on Dr. Hiroe Tsubaki, Director-General of ISM (third right) on 28 Nov. 2019

2. Schedule of the Workshop

Nov. 28 (Thursday) 9:45-17:30 < Semi Closed Session >

09:45-10:00 Opening speech for the Workshop

Satoshi YAMASHITA (Director, Risk Analysis Research Center, ISM)

10:00-10:30 Briefing of the Laboratory Project

Masato AIDA (Executive Director of Sinfonica)

10:30-11:20 Self-introduction

11:30-12:00 Courtesy call on Director-General of ISM

13:00-13:50 Introduction to the International Official Statistical Micro Database, and guidance on International Comparative Analysis using the Database

Hiroshige FURUTA (Visiting Senior Research Fellow of Sinfonica,
Former Lecturer of UNSIAP)

14:00-14:50 Q&A for the Bangladesh data sets (HIES 2010)

15:00-15:50 Q&A for the Nepalese data sets (NLSS 2010)

16:00-16:50 Q&A for the Vietnamese data sets (HLSS 2012)

17:00-17:30 Self-study on comparative analysis using the Database

Nov. 29 (Friday) 10:00-14:10 < Open Session >

10:00-10:40 **Keynote Speech**

“New Data Sources of Japanese Official Statistics in Big Data Era”

Hiroe TSUBAKI (Director General of ISM)

10:50-12:00 **Session 1**

10:50-11:20 “Analysis of Illiteracy Factors using Cambodia Socio-Economic Survey”

Takafumi KUBOTA (Associate Professor, Tama University)

11:30-12:00 “Analysis of Household Expenditure by Household Type in Thailand based on Household Socio-Economic Survey”

Kaori YONEZAWA (Principal Researcher, Sinfonica)

Yasumasa BABA (Visiting Senior Research Fellow of Sinfonica,
Professor Emeritus of ISM)

13:00-14:10 **Session 2**

13:00-13:30 “The Role of Crop Diversification in Agricultural Development: A Case of Rural Vietnam”

Rui TAKAHASHI (Associate Professor, Tokai University)

13:40-14:10 “Construction of Cambodian Official Statistics Database in Hitotsubashi University and Analysis using those Data”

Kiyomi SHIRAKAWA (Hitotsubashi University, Institute of Economic Research)

Kazuya ISHIDA (Hitotsubashi University, Institute of Economic Research)

Nov. 29 (Friday) (continued) <Move to SBJ from ISM>
16:00-17:00 < Semi Closed Session >

16:00-16:30 Observation of Statistical Museum (SBJ)

16:40-17:00 Courtesy call on Director-General of SBJ

Dec. 30 (Saturday) **10:00-16:30** < Semi Closed Session >

10:00-12:00 Self-study on comparative analysis using the Database

13:00-14:30 Presentation of study plans (Delegates)

14:45-16:30 Self-study on comparative analysis using the Database

Dec. 2 (Monday) **10:00-16:30** < Semi Closed Session >

10:00-12:00 Self-study on comparative analysis using the Database

13:00-14:30 Presentation of revised study plans (Delegates)

14:40-16:30 Preparation for the final presentation (Delegates)

Dec. 3 (Tuesday) **10:00-16:30** < Open Session >

10:00-10:50 Presentation of the results of the comparative analysis by the Delegates (Vietnam)

11:00-11:50 Presentation of the results of the comparative analysis by the Delegates (Nepal)

13:00-13:50 Presentation of the results of the comparative analysis by the Delegates (Bangladesh)

14:00-14:50 Presentation of the results of the comparative analysis by the Observers (Cambodia)

15:00-16:00 Observation of the Institute and other facilities

16:10-16:30 Closing remarks

Yasumasa BABA (forecited)

(Note)

* Open on Nov. 29, Dec.3

Semi-closed (only for registered persons) on the other days

ROIS: Research Organization of Information and Systems (Minato Ward, Tokyo)

ISM: The Institute of Statistical Mathematics of ROIS (Tachikawa City, Tokyo)

Sinfonica: Statistical Information Institute for Consulting and Analysis (Chiyoda Ward, Tokyo)

SBJ: Statistics Bureau of Japan (Shinjuku Ward, Tokyo)

Delegates: Statistical officials from Bangladesh, Nepal and Vietnam

Observers: Statistical officials from Cambodia



Courtesy call on Mr. Shuji Saiki, Director-General of SBJ (center) on 29 Nov. 2019



One scene of the presentation session in the Workshop

3. List of Participants and Collaborators

◆ Delegates of National Statistical Offices (in the alphabetical order of country name and last name)		
Bangladesh	Mr. Md. Abdul Alim	Deputy Director, District Statistics Office, Kushtia, BBS
	Mr. Md. Abdul Latif	Deputy Director, Demography and Health Wing, BBS
Nepal	Mr. Arun Kumar Gupta	Director, Management Information System, Information Technology and Data Processing Section, CBS
	Mr. Raju Pokhrel	Computer Officer, CBS
Vietnam	Mr. Le Tuan Anh	Deputy Director, Integral Statistics Department, GSO
	Mr. Nguyen Viet Phong	Director, Construction & Investment Capital Statistics Department, GSO
◆ Observers of National Statistical Offices		
Cambodia	Mr. Saint Lundy	Director, ICT Department, NIS
	Ms. Srou Soreirath	Vice Bureau Chief, ICT Department, NIS

◆ Lecturers (in the alphabetical order of last name)		
Japan	Dr. Takafumi KUBOTA	Associate Professor,, Tama University
	Dr. Kiyomi SHIRAKAWA	Deputy Director, National Statistics Center
	Mr. Rui TAKAHASHI	Associate Professor, Tokai University
	Dr. Hiroe TSUBAKI	Director General of ISM
	Ms. Kaori YONEZAWA	Principal Researcher, Sinfonica

◆ Organizing Committee (in the alphabetical order of last name)	
Mr. Masato AIDA	Executive Director, Sinfonica
Mr. Susumu ARAI	Adviser, Sinfonica
Dr. Yasumasa BABA	Professor Emeritus of ISM, Visiting Senior Research Fellow of Sinfonica
Mr. Hiroshige FURUTA	Visiting Senior Research Fellow of Sinfonica, Former Lecturer of UNSIAP
Dr. Motoi OKAMOTO	Research Administrator of ISM
Mr. Joji SAWADA	Director, R&D Department 1, Sinfonica
Dr. Mikio SUGA	Professor, Faculty of Economics, Hosei University
Mr. Koki TOIDA	Director, International Cooperation, Sinfonica
Dr. Satoshi YAMASHITA	Director, Risk Analysis Research Center, ISM

4. Presentation of the Results of Comparative Studies by the Delegates and Observers

The delegates were requested to conduct international comparative studies using the data sets which had been compiled at the Laboratory by resampling at a rate of 80%. They were also requested to review the original data sets provided by the three respective countries.

Through this self-study work led by Mr. H. Furuta, former lecturer of UNSIAP, they recognized the importance and effectiveness of, and the difficulties in using micro data of official statistics. The study results were reviewed in the final presentation session to be revised accordingly.

The participants from Cambodia as observers also conducted a comparative analysis between the two countries and presented the results in the same manner as the delegates.

<i>Presentation Title</i>	<i>Comparison of the household income between Bangladesh and Nepal</i>
Bangladesh	Mr. Md. Abdul Latif and Mr. Md. Abdul Alim
<i>Presentation Title</i>	<i>Comparative Study between Nepal & Bangladesh</i>
Nepal	Mr. Arun Kumar Gupta and Mr. Raju Pokhrel
<i>Presentation Title</i>	<i>Some comparisons between Vietnam and Nepal</i>
Vietnam	Mr. Nguyen Viet Phong and Mr. Le Tuan Anh
<i>Presentation Title</i>	<i>Comparative analysis using Cambodian and Vietnamese data sets</i>
Cambodia	Mr. Saint Lundy and Ms. Srou Soreirath

5. Future Activities

Based on the Charter of an Experimental Laboratory for Research Purpose Statistical Use of Micro Data (ELMD which was signed or endorsed by 9 member countries), we continue to resample the original data sets at a rate of 80% to construct the Laboratory database.

We plan to continue to hold such a workshop once a year, inviting statisticians from member NSOs by rotation, asking them to clarify about the micro data sets provided to ELMD, and examining the usefulness of the above mentioned resampled data sets.

Although we plan to invite only two persons from one country to the workshop every year due to financial availability, we welcome member NSOs to send more statisticians to the workshop on their own account. Of course, we will ask ISM to provide them with AKAIKE Guest House accommodations at a very reasonable cost.

On this opportunity, we express our sincere gratitude for the cooperation and contribution provided so far by the member countries and we request them to continue to provide the Laboratory with the latest or newer data sets when they become available.

Further notice in this matter will be issued from time to time by e-mail etc.



Masato AIDA

Executive Director of Sinfonica