

Hiroshige Furuta

Lecturer/ Statistician

United Nations Statistical Institute for  
Asia and the Pacific (UNSIAP)



## SIAP: meeting current, emerging and future needs of ESCAP developing member States

25th Population Census Conference  
25 - 27 May 2011, Seoul, Korea

**SIAP**

Chiba, Japan

# Training needs of NSOs for population census personnel

- Population census is a complex, integrated and very large scale statistical activity.
- It requires a very large work force.
- Training needs for various groups of personnel at various level
- Census project is also an excellent opportunity to get trained and to obtain experience

# SIAP supports NSOs' capacity building

- Conducting training for NSO's staff in order to support for capacity building of NSO/NSS
  
- Type of training course
  - TMA course at SIAP premises
  - Outreach programme
  - Research-based Training Programme (RbTP)
  - Management Seminar
  - Distance training and e-learning by using ICT technology
  
- Trained about 12,500 government officials/statisticians from 127 countries during 40 years since 1970.
  - Mainly within ESCAP region, also beyond the region such as Africa, Central and South America.

## Properties of SIAP training courses

- Design training courses to meet the needs of NSOs lacking statistical capacity
- Partnership with NSOs and international organizations
- International standards to make census results comparable
- Balancing of theory and practice
- Opportunity to share experiences among NSOs
- Train trainers to maximize training effects
- Use advantage of SIAP's premises

# Developing and delivering demand-driven training of SIAP

- Identifying skills and knowledge gaps
  - Core Skills Framework (CSF)
- Planning and developing training programme
  - Strategic plan/ Work plan
- Implementing training programme
- Follow-up, monitoring and evaluation
  - Outcome measures

## Outcome of SIAP Activities

- OUTPUT: Trained officials are able to;
  - Utilize gained knowledge and skills
  - Train their coworkers
  - Create and utilize professional networks
- OUTCOME: SIAP trainees are able to;
  - Take measures to improve the quality of their statistics and services
- IMPACT: Improved quality of statistics and services provided by the NSS
  - To support inclusive and sustainable development
  - To achieve MDGs and other internationally agreed development goals

## Four-month Module course (TMA)

- Government junior officials/statisticians
- Fundamental aspects on official statistics
  - Module I: Survey theory, methodology
  - Module II: Economic statistics including SNA
  - Module III: Demographic and social statistics including MDGs
- Practical knowledge and skills
  - Project work of demonstration survey

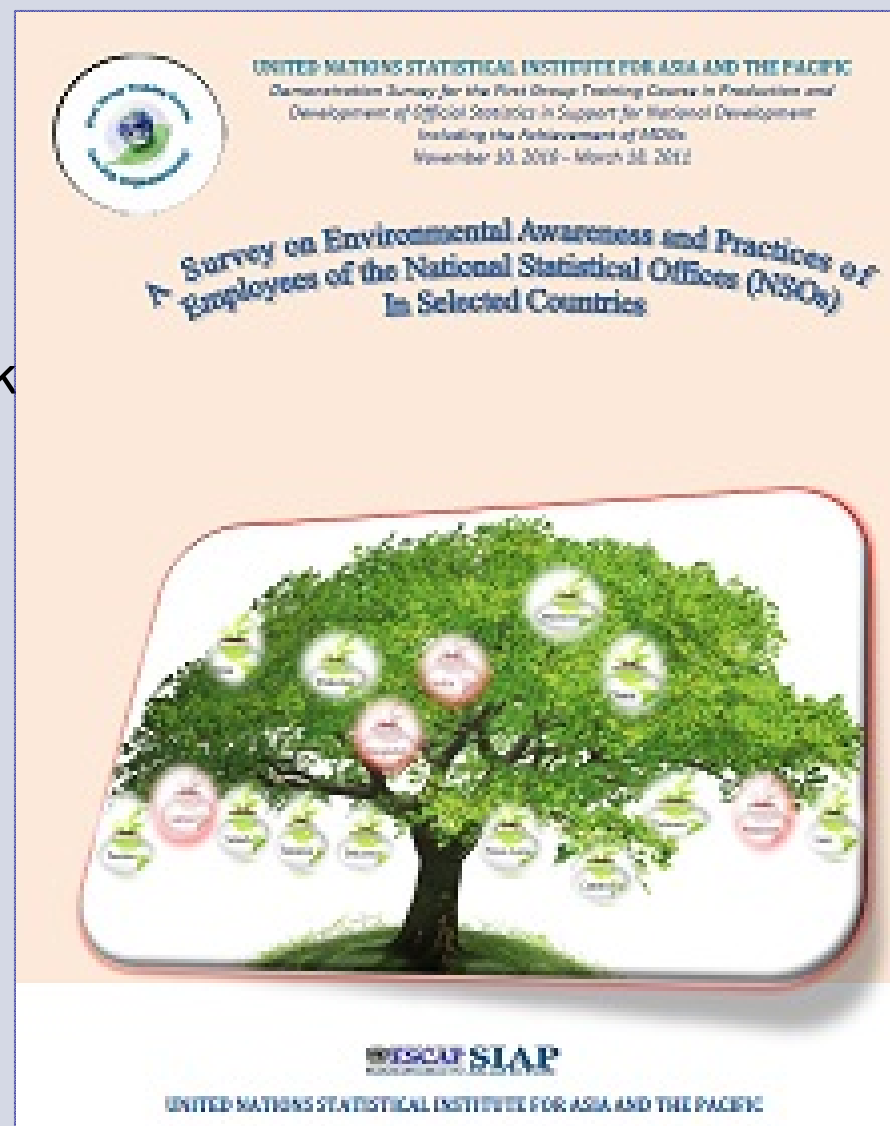
# Project work of demonstration survey

(4-month TMA course, 2010-2011)

Participants become confident in knowledge and skills learnt through conducting demonstration survey by themselves from planning stage of questionnaire and sample design to data collection, data entry, data check tabulation, analysis, report writing, dissemination.



SIAP  
Chiba, Japan



## Two-month ICT course (TMA)

- Mid-level ICT specialists/statisticians
- Big impact on data processing system by rapid development of ICT
- While developing ICT system in-house or out-sourcing in developed countries, lack of staff equipped with knowledge and skills needed in many developing countries.
- Designed course curriculum including usage of packaged software;
  - **CSPPro** for data entry and data check
  - **STATA** for tabulation and analysis
  - **REDATAM** for dissemination
  - **IHSN toolkit** for documentation and provision of metadata
- Participants conduct hands-on exercise on developing data processing system including data entry, data check, tabulation, analysis and dissemination by using actually collected raw data.

## Two-month Analysis course (TMA)

- Middle level statisticians
- Two courses;
  - Economic statistics course focusing on SNA and
  - Social statistics course focusing on MDGs
- Participants experience developing relevant indicators through tabulation and analysis by using **actual micro data** brought from their country.

## TMA short courses and Outreach programme

- TMA short-term training courses
  - More senior statisticians
  - Mostly one week course
  - In collaboration with other international agencies
  - Opportunity to exchange experiences on the subject-matter as well as to discuss common problems in implementing internationally agreed statistical standards
  
- Outreach training programme
  - Officials of a single country or a group of countries
  - Meeting their specific training needs
  - Wide range of specialized and emerging topics
  - Short duration from 3 days to 2 weeks

# Topics of TMA short-term training courses

2010-2011



Many workshop/courses in collaboration with UNFPA and ADB

Pre-census communications & data dissemination strategy

Population census data analysis using REDATAM

Genderizing population and housing census

Analysis, interpretation & dissemination of official statistics

Gender-focused population and housing census data analysis

Dissemination and use of population and housing census results with gender concern

SIAP

Chiba, Japan

# TMA short course on Pre-Census Communications (Oct. 2010)



Target Audience

Group A Concern

State executive chief

- \* Financial capacity
- \* Technology
- \* Administrative management
- \* Political issues
- \* Methodology
- \* population growth development
- \* MDG targets

RESEARCHERS

(DATA USER) \* SECTOR DATA

STAKEHOLDER \* VARIABLE \* DATA FOR ANALYSIS

\* METHODOLOGY



## Summary

- SIAP continues to provide the fundamental training on official statistics and their application on emerging issues.
- Being the training arm of ESCAP and the region's leading institute for training in official statistics, SIAP is expected to assume the role of main coordinator of statistical training programmes in the region.
- For optimum utilization of the available training services, NSOs are expected to adopt a comprehensive approach of identifying the suitable training programmes and selecting the right candidates for participating the courses.



# Thank you

H. Furuta

Lecturer/ Statistician

Statistical Institute for Asia and the Pacific (SIAP)

[furuta@unsiap.or.jp](mailto:furuta@unsiap.or.jp)

