



## Background

Capacity building for policy analysis on poverty reduction and food security through sustainable agriculture is an imperative in the current global environment where a great deal of uncertainty exists on the sustainability of current agricultural practices.

Asia's success in agriculture gained through the Green Revolution and the successful adoption of technology has begun to dissipate. Increasing agricultural productivity requires an ever-increasing input intensification in agriculture, further leading to soil erosion, water pollution, dwindling biodiversity, and near extinction of fish stocks among others. The alternative is to expand agriculture into forest areas, leading to further deforestation and environmental degradation. Climate change and population growth are making poverty alleviation and achieving food security more difficult.

Poverty, food insecurity and agricultural practices have a particularly complex relationship and thus better knowledge and carefully developed strategies, programmes and projects are needed to address them. This in turn requires decision makers and programme managers to be well conversant with agricultural systems and analytical tools to design and implement appropriate policy responses.

## Objectives

The objective of the workshop is to provide an opportunity for researchers and officials who play leading roles in policy research and design and implementation of strategies, programmes and projects on food security, poverty and sustainable agriculture in government ministries and affiliated institutes to enhance their understanding of the current state of global food insecurity, poverty and sustainable agriculture and sharpen their skills in policy analysis.

More specifically the workshop will:

- Facilitate a dialogue among researchers and policymakers in the Asia-Pacific region on the current state of poverty, food insecurity and sustainable agriculture;
- Allow researchers and policymakers to sharpen their analytical skills; and
- Provide an opportunity to network among colleagues working in different ministries and institutes within and outside the country.

## Workshop Content

### Food security and poverty

- Concepts and measurements
- Spread and depth of global hunger and poverty
- Future outlook

### Agricultural systems and sustainability

- Food insecurity and global agriculture
- Agricultural production systems and driving forces
- Concepts and measurements of sustainability
- Indicators of agricultural sustainability

### Methods and approaches to agricultural policy analyses

- Role of state in agriculture
- Typology of agricultural policies
- Criteria for policy evaluation
- Policy modelling and simulations
- Selected analytical methods

### Farming systems approach

- Characterizing an agricultural production system
- Identifying policy issues
- Analytical tools

### Agricultural statistics for policy analysis

- Survey methodology
- Agricultural statistics
- Database management techniques



## Who Should Attend

Policymakers and researchers working on food security, poverty and agriculture in government ministries, affiliated research institutes and academic institutions will benefit from the capacity building workshop. Early career professionals who wish to excel in the field are also encouraged to attend the workshop provided that they have a background in policy analysis including in quantitative techniques.

## Delivery Method

The workshop will consist of lectures, discussions and applied examples using real world data sets. Participants will have the opportunity to make group presentations. A team of international experts drawn from the United Nations system, universities and research institutes will conduct the lectures.

## Duration

The normal duration of the workshop will be five days.

## The Centre for Alleviation of Poverty through Sustainable Agriculture (CAPSA)

CAPSA is a regional institute of the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP), working to reduce poverty and enhance food security by promoting sustainable agriculture.

### Towards a Future without Poverty

Supporting Sustainable Agriculture in Asia and the Pacific

# CAPSA

Centre for Alleviation of Poverty through Sustainable Agriculture

## CAPACITY BUILDING WORKSHOP ON AGRICULTURAL POLICY RESEARCH

# Sustainable Agriculture for Food Security and Poverty Reduction

### For more information

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Number and proportion of people who are undernourished in 2002 and 2005-2009

20 18

828 770

Regional Trends in the

