

Sustainable Agricultural Production through Agricultural Extension Approaches



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Programme	Annual International Training Course, Thai-Japanese Trilateral Cooperation
Course Title	Sustainable Agricultural Production through Agricultural Extension Approaches
Duration	October 30 - December 8, 2006 *
Closing Date for Application	September 15, 2006
Number of Participants	25
Invited Countries	Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, The Philippines, Vietnam and Thailand *

* Subject to change by further notifications

Objectives

- to provide knowledge on sustainable agricultural production through various concepts of technologies and agricultural extension approaches;
- to improve the performance efficiency of agricultural extension officers in ASEAN member countries, especially the CLMV countries, in carrying out sustainable agricultural production activities/projects;
- to enable the participants to establish a network on sustainable agriculture among the ASEAN member countries.

Qualifications

Participants for this course should:

- be under forty-five (45) years of age;
- be university graduate or equivalent to agriculture or related field;
- be engaged in agricultural and rural development such as Extension Officers, Subject Matter Specialists;
- have work/practical experience in research and/or extension work in the field of agriculture and rural development at least five (5) years;
- have a sufficient command of spoken and written English;
- be in good health, both physically and mentally. Please note that applicants who are pregnant would not be acceptable.

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Course Content

I. Training subjects

- General Concept of Sustainable Agricultural Production
- Approaches of Sustainable Agriculture at Farm Level
- Economics of Sustainable Agriculture
- Existing Farming Systems in Asia-Pacific
- Roles of Animal in Agriculture
- Sustainable Fisheries Production and Development
- Social and Cultural Aspects of Farming Systems
- Future Prospects of Sustainable Agriculture
- Conceptual Framework of Cropping Systems
- Component Technology Development of Cropping Systems
- Soil-Water Resources Conservation
- Forest as an Important Natural Resource
- Integrated Pest Management in Farming Systems
- Assessment of Sustainable Agricultural Technology
- Sustainable Rural Development in Agrarian Society
- Aspects of Food Processing
- Trends of International Research and Development for Sustainable Agricultural Production

- Concepts and Implementation of Farming System Research and Development
- Importance of On-farm Research
- Extension of Technology for Sustainable Agricultural Production
- Crop-Livestock Farming Systems Research
- Evaluation of Present Situations
- Participatory Planning Methods of Rural Development
- Participatory Implementation Methods of Rural Development
- Evaluation and Monitoring Methods of Rural Development
- Marketing Systems for Agricultural Products
- Management Techniques in Promotion of Sustainable Agriculture
- Organic Farming a New Trend of Sustainable Agriculture (Development and Standard of Organic Products)
- Problems and Constraints for Sustainable Agricultural Production

II. Farm Case Study

III. Field Trips

Country Report

Before coming to Thailand, participants should prepare a country report concerning sustainable agricultural production through agricultural extension approaches. A suggested format for the report:

- Nationality
- Name of participant
- Chart of the organization the participant belongs to, the type of participant's current job (ex. managing, training, instructing) and job content.
- Information

I. General Information

- Introduction to participant's country (location, population, map, natural resources etc.)
- Government administration system
- Social and economic background
- Briefing on National Development Plan in brief, if any

II. Specific information relating to the required training programme

- Describe situation concerning "Sustainable Agricultural Production" practices in your country (e.g. organic farming, biological farming, alternative agriculture, bio-dynamic farming, natural farming, regenerative or perm culture agriculture, integrated farming)
- Describe situation regarding your work in quantitative and qualitative terms (statistics and data presentation)
- Identify problems and issues that you face in your work and how your Government plan to cope with such problems and issues
- Explain your ideas on how to improve your work and how the required training programme might contribute to such improvement.

Note: Participants could prepare slides, video tape or other audio visual aids to support country report presentation about 30 minutes (option).





Institution

The course will be conducted by:

*Kasetsart University and the Department of Agricultural Extension at
the National Agricultural Extension and Training Center*

Extension and Training Office

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