



Postharvest Technology of Fruit and
Vegetable Crops for Developing Countries
14th – 27th May 2019

Closing date for application : 28th February 2019

TICA : Thailand International Cooperation Agency

Is a national focal point for Thailand's international development cooperation. TICA was established in 2004 to realize Thailand's aspiration to be a contributor of development cooperation. Believing that global challenges are best addressed by international cooperation and global partnership, today we continue to strengthen our contribution to achieve global development agenda through various capacity-building and human resources development programmes. In response to the recent changes in the global landscape of development cooperation, especially through the concept of South-South and Triangular Cooperation, TICA continues to realign our focuses in order to deliver Thailand's commitment to be a relevant partner in global agendas including the 2030 Agenda for Sustainable Development.

AITC : Annual International Training Course

was initiated in 1991 as a framework in providing short-term training for developing partners. Today, the AITC remains one of TICA's flagship programmes. It offers not only a training experience, but also a platform in exchanging ideas and establishing professional network among participants from across the developing world. Aiming at sharing Thailand's best practices and experience to the world, the AITC training courses focus on development topics of our expertise currently categorized under five themes namely; **"Sufficiency Economy Philosophy"** or SEP, **Food Security, Public Health, Climate Change, and Other topics related to Sustainable Development Goals (SDGs).**

Faculty of Agriculture Natural Resources and Environment, Naresuan University

Center of excellence in postharvest technology, Naresuan University is one of the leaders in postharvest technology research and extension in Thailand. We have the staffs who graduated from abroad (USA, Australia, and Japan) and expertise in teaching and research work with government and private companies including SME. Moreover, we have good and modern facilities for laboratory works and lecture rooms located in lower northern part in Thailand that has the largest production area of fruits and vegetables.

AITC Theme : Food Safety

This training course falls under the AITC theme – "Food Safety." "Ending Hunger" is very fundamental to global development progress. Through decades-long effort in eliminating hunger and malnutrition, Thailand has successfully reduced the number of hungry and malnourished people by 75% and the figure is still falling. The progress earned Thailand an award for outstanding contributions to global food security, nutrition and sustainable agriculture. The AITC courses under the theme "Food Security" are part of Thailand's commitment to work with the international community to achieve SDG goal # 2 on Zero Hunger.

Course Objectives

This training course focuses on sharing Thailand's knowledge and experiences regarding postharvest technology and management. This training course aims to;

- provide basic scientific knowledge of the principles and concepts of postharvest technology of fruits and vegetables for developing countries
- enhance knowledge and understanding of how to select appropriate technology to reduce losses and maintain the qualities of fruits and vegetables
- Upgrade human capacities in transferring technology needed party
- Promote collaboration, communication and further a professional network among participants

Course Methodology

Training methodologies to be used during this training course include;

- Lectures
- Stimulating Discussions
- Study Visits

Assignment and Evaluation

- In-class participation.
- Submission and presentation of "Country Report."
- Questionnaires will be given to each participant on the first and last day of the training course
- Participants are required to attend all activities organized during the course. TICA reserves the rights to revoke its fellowship offered or take appropriate action in case a participant is in attendance of less than 90 percent of the training hours.

Course Outline

This training course focuses on how to apply different techniques of postharvest technology and management, including lectures and field visits. Topics of the training are such as;

- Postharvest losses and health effects of fruit & vegetables
- Relation between pre-harvest conditions, harvest maturity and postharvest performance
- New storage systems, temperature and ethylene management
- Physiological and technical aspects of cold storage and refrigerated transport
- Demonstrations and hands-on activities on storage facilities, packing methods and measurements of quality characteristics
- Sanitation and other procedures related to decay and insect control; food safety assurance
- Case studies based on participants requests

Participant Criteria

Candidates must possess qualifications as specified in "Guideline for Thailand's Annual International Training Course Programme" No. 2 "Qualifications" and following qualifications;

- Less than 50 years old of age.
- Have a bachelor degree (B.Sc.) of university/technical college on food science, agriculture science, biotechnology, agricultural processing, agricultural product development
- Have at least 5 years of related work experience
- Have good English proficiency (speaking, reading, and writing)
- Have good health both physically and mentally, pregnancy is regarded as a disqualifying condition

Application

- Candidates must be nominated/ endorsed by their respective governments of the eligible countries/territories by the closing date for application.
- Complete nomination documents must be submitted to TICA through the Royal Thai Embassy/ Permanent Mission of Thailand to the United Nations/Royal Thai Consulate-General accredited to eligible countries/ territories.

(See "List of Eligible Countries" for more information)

Selection and Confirmation

- Particular attention shall be paid to the candidates' background, their current position, and practical use they expect to make of the knowledge and experience gained from training on the return to their positions.
- Selection of participants is also based on geographical distribution.
- Successful applicants will be informed approximately 4 weeks before the beginning of training course.
- Successful applicants must return duly completed and signed acceptance form by the deadline to confirm their participation in the programme.

Number of Participants

20 participants

Terms of Awards

AITC Training Fellowship* includes training fee, return economy-class airfare, accommodation, allowance, insurance, airport transfer and social programme.

* Subject to rates and conditions established by TICA

Training Institution and Venue

Faculty of Agriculture Natural Resources and Environment, Naresuan University

99/9 Nakhonsawan-Phitsanulok Road,
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Contact

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For more information on qualifications, application forms, and application procedures, please visit our website at <http://www.tica.thaigov.net/main/en/information/73803-Annual-International-Training-Course.html>

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