

Development of Agricultural Resilience Capacity through Water Management with Climate Smart Irrigation System

Código de Beca: 2029

Nombre: Development of Agricultural Resilience Capacity through Water Management with Climate Smart Irrigation System

Descripción: **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 course 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).

Department of Irrigation Engineering, Faculty of Engineering at Kamphaengsaen, Kasetsart University

Founded in 1938 in response to the country's need for experts in irrigation and water management. Department of Irrigation Engineering at Kasetsart University is the Thai leader in an irrigation-agriculture academic institute working on various topics in water e.g. water management in river basins, flood and drought, micro irrigation system and smart farming. The department currently offers undergraduate, master and PhD programmes including researches and training courses. There are three research groups in the department; Hydraulic laboratory, Irrigation technology research laboratory, and Research laboratory of water resources management modeling and information system.

AITC Theme: Climate Change

This training course falls under the AITC theme –“Climate Change” We believed that Climate Change is one of the most serious and pressing global challenges with momentous consequences if left unattended. Therefore, strengthening resilience and adaptive capacity to climate-related hazards and natural disasters is crucial to sustainable future. The AITC courses under theme “Climate Change” are part of Thailand's commitment to work with the international community to achieve several interlinked goals on the 2030 Agenda for Sustainable Development, SDG goal #13 on Climate Action and other goals related.

Fuente principal: Tailandia

Fuente secundaria: -

Tipo de beca: Parcial

Fecha de vencimiento: 29/05/2020

Requisitos: **General criteria**

Candidates must possess qualifications as specified in “Guideline for Thailand’s Annual International Training Course Programme” No. 2 “Qualifications”

2.1 Candidates must be nominated by central government agencies in a country from the AITC eligible countries/territories list. (See “List of Eligible Countries/Territories”)

2.2 Candidates should be an officer or agent (preferably from government agencies) currently working in the area related to the training topic.

2.3 Candidates must have a degree and/or professional experience suitable to the training topic.

2.4 Candidates must have a good command of English.

2.5 It is recommended that candidates be less than 55 years of age.

2.6 Candidates must be in good health.

2.7 Nomination of female candidates is encouraged.

2.8 TICA reserves the rights to revoke fellowship offered to participants who are pregnant during the period of training.

Specific Requirements

- Has been working related as agriculture, irrigation, environment, and water management personnel for at least 2 years.

- Computer literate.

- Under 45 years of age, in good health and be able to physically carry out field visits.

- Good command of English.

Beneficios: Training Fellowship include training fee, accommodation, allowance, insurance, airport transfer and social programme.

Lugar de postulación y documentación a presentar: The nomination must be supported by the following two documents;

- Application form
- Medical Report

Two (2) copies of originals of all forms duly filled out, counter-signed and stamped by the authorized person must be submitted.

Application form must be filled in typed-block letter. Soft file of the Application Form and Medical Report Form can be found at

<http://www.tica.thaigov.net/main/contents/files/information-20170608-115634-792820.pdf>

Junto con la documentación antes mencionada deberá presentarse en AUCI;

- Formulario de la AUCI
- Decreto 234/86
- Carta de aval de la Institución donde trabaja dirigida a la Sra. Directora de la AUCI, Lic. Andrea Vignolo
- dos (2) copias de la CI

Toda la documentación debe presentarla en:

Presidencia de la República - Torre Ejecutiva - Plaza Independencia 710 P.7 Of. 703 "Sección Becas"

Contacto en caso de dudas: becas@auci.gub.uy
tel 150 int 3402

Observaciones: **Airfares are not included**

Visa arrangement –Participants will be responsible for obtaining appropriate visa prior to their travel to Thailand, if required. List of countries entitled for visa exemption and visa on arrival to Thailand can be found at <http://www.consular.go.th/main/th/customize/62281-Summary-of-Countries-and-Territories-entitled-for.html>. TICA will provide facilitation to participants who require visa application i.e. liaising with the Royal Thai Embassy/ Consulate and advising on appropriate procedure and necessary documents for visa application.

Participants must cover all costs arising from visa application i.e. visa fee, travel cost to the Royal Thai Embassy/ Consulate, postal fee (in case visa application is made by post,) transit visa fee (in case participants needs to apply for visa to Thailand at a transit country). The visa fee can be reimbursed upon presenting an original receipt of the fee but not exceed 2,000 THB.

Participants must not bring their family members with them during their training period. Participation in the training cannot be used as reference

for visa application to Thailand of his/her family member.

Airport meeting service –Transfer to and from airport will be provided to participants

Ofrecimiento N° 2029.1

Nombre ofrecimiento: Development of Agricultural Resilience Capacity through Water Management with Climate Smart Irrigation System

Información específica: **Course objective**

The training course aims at sharing Thailand's knowledge and experiences in climate smart technologies for efficient irrigation system and water management. At the end of this course, participants are expected to;

- Understand the principle concept of irrigation development in the context of climate change.

- Enhance knowledge about Climate-smart irrigation, reducing GHG emissions, Improving and maintaining the resilience of irrigation schemes.

- Gain experiences about water management through a project-based approach for sustainable water management in Thailand and other countries to achieve SDGs.

Course Methodology

Training methodologies to be used during the training course include;

- Lecture presentation and discussions
- Project development
- Individual and group presentations
- Site visit

Assignment and Evaluation

- In-class participation

- Presentation - Participants describe and analyze the organization of their local water management system to identify a priority unsatisfactory issue and propose an intervention in order to improve on the outcome of their water management system. Some

intermediary presentations and group works are organized to facilitate individual work. Participants submit a memorandum and present the result of their work in plenary at the end of the course.

- Attendance –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 training hours.

Course outline

The training course focuses on concepts and principles of irrigation sector challenges in the face of climate change, irrigation technology and management, and climate smart irrigation.

The topics of training are such as;

- Trends in global irrigation development, coping with water scarcity
- Water demand and supply estimation
- Model stimulation
- Smart farming
- Application of IOT for modern watering
- Water footprint
- Reducing greenhouse gas emission from agricultural sector
- Increase of adaptation capacity

Tipo de curso:	CURSO CORTO
Modalidad de curso:	Presencial
País:	Tailandia
Ciudad:	-
Idiomas:	inglés
Fecha de inicio:	31/08/2020
Fecha de fin:	25/09/2020
Fecha límite de inscripción:	29/05/2020
Duración aprox.:	-
Disciplinas:	Medio Ambiente Recursos naturales. Conservación de recursos Ciencias agrarias (veterinaria y agronomía) Cultivos. Gestión de cultivos
Observaciones:	-