



Course Outline

Online International Training Course

via Zoom Meeting

1. Course Title:

Sufficiency Economy Philosophy: Tools and Application for Sustainable Community Development

2. Duration:

February 7-26, 2022 (3 weeks)

3. Background and Rationale:

TICA: Thailand International Cooperation Agency

TICA is a national focal point for Thailand's international development cooperation. It was established in 2004 to realize Thailand's aspiration to be a contributor to 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 programs. 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 to deliver Thailand's commitment to be a relevant partner in global agendas including the 2030 Agenda for Sustainable Development.

AITC: Annual International Training Courses

Was initiated in 1991 as a framework in providing short-term training for developing partners. Today, the AITC remains one of TICA'S flagship programs. It offers not only a

training experience but also a platform for exchanging ideas and establishing a professional network among participants from across the developing world. Aiming to share Thailand's best practices and experience to the world, the AITC training courses focus on development topics of our expertise currently categorized under five schemes namely: "Sufficiency Economy Philosophy" or SEP, Food Security, Public Health, Climate Change, and other topics related to Sustainable Development Goals (SDGs).

Maejo University

Maejo University (MJU) is one of the most reputable agricultural institutions in Thailand that offer study programs and deliver research innovations focused on development that is sustainable, sufficient, and environment friendly. MJU, an agricultural-based higher educational institute, is strategized to be a leading university especially in organic agriculture, and to create the Organic Agriculture-based Knowledge and Innovation that connects with people, communities, and countries in everyday life. Furthermore, MJU has established over 20 learning centers and research achievements by the faculty members that are considered as relevant wisdom. MJU receives at least 30,000 visitors each year that observed these agricultural learning centers and therefore has the capability of giving training courses at the international level.

Background Information and Rationale (Sufficiency Economy Philosophy: SEP)

The Sufficiency Economy "stresses the middle path as an overriding principle for appropriate conduct by the populace at all levels". "Sufficiency" means moderation, reasonableness, and the need for self-immunity for sufficient protection from impact arising from internal and external changes. To achieve this, an application of knowledge with due consideration and prudence is essential. At the same time, it is essential to strengthening the morale of the nation so that everyone adheres to the principles of honesty and integrity.

The concept of a “sustainable community” does not describe just one type of neighborhood, town, city, or region. Activities that the environment can sustain and those citizens want and can afford may be quite different from community to community. Rather than being a fixed thing, a sustainable community is continually adjusting to meet the social and economic needs of its residents while preserving the environment’s ability to support it. A sustainable community uses its resources to meet current needs while ensuring that adequate resources are available for future generations. It seeks a better quality of life for all its residents while maintaining nature's ability to function over time by minimizing waste, preventing pollution, promoting efficiency, and developing local resources to revitalize the local economy. Decision-making in a sustainable community stems from a rich civic life and shared information among community members. A sustainable community resembles a living system in which human, natural and economic elements are interdependent and draw strength from each other.

Organization/Institution

International College, Maejo University in Chiangmai, Thailand

4. Objectives:

The program is designed:

- 1) To allow participants to expand their knowledge in Sufficiency Economy Philosophy,
- 2) To enable participants to develop their knowledge in organic agriculture for sustainable community development,
- 3) To enable participants to share their local knowledge, culture, belief, tradition, and values, and
- 4) To encourage participants to broaden and strengthen social networks collaboration of agricultural education.

5. Course Contents:

1. Theory and Tools for Bringing the Sufficiency Economy into Practice: Agricultural and Sustainable Community Development

- Philosophy of Sufficiency Economy: A New Ethical Paradigm for Sustainability
- Opportunities for Sustainability in Local Community Development
- Community Development under the Sufficiency Economy Philosophy
- New Theory Agriculture: The Distinct and Concrete Examples of the Application of the Philosophy of Sufficiency Economy to the Agricultural Sector
- Participatory Community Analysis: Skills Development towards Sufficiency Economy Societies and Quality of Life
- Sustainable Tourism Development: Agricultural Resources as a Tool for Community Development
- A Royal Development Study Center: A Basket of Appropriate Farming Technologies for Novice Farmers

2. Paragons of Sufficiency Communities and Organizations

- The Best Sufficiency Economy Village in Northern Part of Thailand by Ministry of the Interior
- National Outstanding Farmers in Sufficiency Economy Award
- An Outstanding Village of the Department of Provincial Administration Selection
- The Best Practice of Sufficiency Economy to Community Development
- A Sustainable Highland Farming Project
- An Agro-tourism Community Model

3. MJU' Best Practices Supporting New Farmers and Rural Community Development

- Earthworm Composting of Organic Garbage and Organic Composting Human Waste

- Composting of Organic Waste in Large Scale without Turning
- Animal Production in Community
- Economic Mushroom Production for Novice Farmers and Community
- Organic Cannabis for Medical Use

6. Participants Criteria:

Applicants must fulfill the following requirements:

- Be nominated by their respective governments,
- Education: at least at a bachelor's degree in any fields, and
- Language: Proficiency in English at communicable levels in listening, speaking, reading, and writing)

7. Attendance and Evaluation

Participants who completed the online training will receive an e-certificate base on:

- Real-time Online Classes (not less than 80%)
- Online class participation and discussion
- Online presentation and report
- Online evaluation

8. Venues:

Actual and virtual locations in Maejo University and various communities in Chiangmai Province

9. Expected Results:

1. The participants will learn the theory and practices of Sufficiency Economy Philosophy to use for rural development in their own countries.
2. The participants can learn new useful and practical developments in the field of agriculture theoretically and practically.

3. The participants will have an opportunity to see the actual sites for the actual applications of such a philosophy in real life and to learn how it works successfully.
4. The participants will have a good opportunity to create their academic links with knowledgeable persons in the field of modern agriculture for future cooperation.
5. TICA and the International College of Maejo University can gain a reputation as organizations offering academic assistance to any persons interested in modern agriculture.
6. It is a good way to promote “the Sufficiency Economy Philosophy” initiated by our beloved King Rama IX much further around the world

1. Organization/ Institution:

- **Implementing Agency:** International College, Maejo University in Chiangmai
- **Contact Person:**
 1. Mrs. Julijanna Sirikhampa Mobile-phone: 083-7814897 ID line: Julijanna
Email: julijanna_c@hotmail.com
 2. Miss Peerakarn Katewang Mobile-phone: 083-4703777 ID line: ppaattiiiee
Email : Peerakarn7739@gmail.com

2. Expenditure/Funding:

Thailand International Cooperation Agency (TICA)
 Government Complex, Building B (South Zone), 8th Floor,
 Chaengwattana Rd. Laksi District, Bangkok 10210 THAILAND
 Website: <https://tica-thaigov.mfa.go.th/en/index>
 Email: aitc@mfa.mail.go.th

Schedule for the Online Training Program:

Week	Day	Topic/Activity	Lecturers	Lecture	Practices
1	1	Philosophy of Sufficiency Economy: a New Ethical Paradigm for Sustainability	Asst. Prof. Dr. Saisakul Fongmul	3 h	0 h
		Opportunities for Sustainability in Local Communities Development	Asst. Prof. Dr. Saisakul Fongmul	3 h	0 h
	2	Community Development in according to the Sufficiency Economy Philosophy	Dr. Sutkhet Sakunthong	3 h	0 h
		New Theory Agriculture: the Distinct and Concrete Examples of the Application of the Philosophy of Sufficiency Economy to Agricultural Sectors and Smart Farm Innovation via MJU Academic Services	Dr. Sutkhet Sakunthong	3 h	0 h
	3	Participatory Community Analysis: Skills Development towards Sufficiency Economy Societies and Quality of Life	Asst. Prof. Dr. Kangsadan Kanokhong	6 h	0 h
	4	Sustainable Tourism Development: Agricultural Resources as a Tool for Community Development	Assoc. Prof. Dr. Weerapon Thongma	6 h	0 h
	5	A Royal Development Study Center: A Basket of Appropriate Farming Technologies for Novice Farmers	Assoc. Prof. Dr. Weerapon Thongma	3 h	3 h

Week	Day	Topic/Activity	Lecturers	Lecture	Practices
2	6	The Best Practice of Sufficiency Economy to Community Development	Dr. Winitra Leelapattana	3 h	3 h
	7	Outstanding Village of Department of Provincial Administration Selection	Dr. Winitra Leelapattana	3 h	3 h
	8	Sustainable Highland Farming Royal Project	Prof. Dr. Arnut Tuncho	3 h	3 h
	9	The Best Sufficiency Economy Village in Northern Part of Thailand by Ministry of the Interior	Dr. Winitra Leelapattana	3 h	3 h
	10	An Agrotourism Community Model	Assoc. Prof. Dr. Weerapon Thongma	3h	3 h
	11	Organic Cannabis for Medical Use	Prof. Dr. Arnut Tuncho	3h	3 h
3	12	Earthworm Composting of Organic Garbage and Organic Composting Human Waste	Prof. Dr. Arnut Tuncho	3h	3 h
	13	Innovation of Organic Agriculture and Final Product in Thailand	Assoc. Prof. Dr. Rapeephun Dangtankee	3h	3 h
	14	Animal Production in Community	Assoc. Prof. Dr. Yanin Opatpatanakit	3h	3 h
	15	Economic Mushroom Production for Novice Farmers and Community	Mr. Preecha Rattanang	3h	3 h
	16	Online Presentation/Online Program Evaluation/ Report/Closing Ceremony			6 h

Course Schedule for the Online Training Program
“Sufficiency Economy Philosophy: Tools and Applications for Sustainable
Community Development”
On 7th – 26th February 2022

7 – 26 February 2022

Theory and Tools for Bringing the Sufficiency Economy into Practice: Agricultural and Sustainable Community Development

Date	Time	Lecture Topic / Activity	Lecturers
7 February 2022	8.30 – 9.00	Opening Ceremony	President of MJU Assoc. Prof. Dr. Weerapon Thongma
	9.00 – 12.00	Philosophy of Sufficiency Economy: A New Ethical Paradigm for Sustainability <ul style="list-style-type: none"> • Sustainable Development • Sufficiency Economy Philosophy • Principles of HM's Development Works 	Asst. Prof. Dr. Saisakul Fongmul
	13.00 – 16.00	Opportunities for Sustainability in Local Communities Development (Case Study Analysis) <ul style="list-style-type: none"> • Local Community Development • Community Enterprise 	Asst. Prof. Dr. Saisakul Fongmul
8 February 2022	9.00 – 12.00	Community Development in according to the Sufficiency Economy Philosophy <ul style="list-style-type: none"> • The preservation of nature resource • Kingdom of Thailand data for development 	Dr. Sutkhet Sakunthong
	13.00 – 16.00	New Theory Agriculture: The Distinct and Concrete Examples of the Application of the Philosophy of Sufficiency Economy to Agricultural Sectors and Smart Farm Innovation via MJU Academic Services <ul style="list-style-type: none"> • Understanding problems management general and improving quality of life in local administrative organization. • Thai local government organization governance • Stakeholder identification & engagement 	Dr. Sutkhet Sakunthong
9 February 2022	9.00 – 16.00	Participatory Community Analysis: Skills Development towards Sufficiency Economy Societies and Quality of Life (Lecture, Practical and Case study Analysis)	Asst. Prof. Dr. Kangsadan Kanokhong

		<ul style="list-style-type: none"> • Participatory Learning Development (PLD) • Participatory Rural Appraisal. (PRA) • Geo-Social Mapping • Genogram • Community organization • Community Calendar • Local Health System • Local History. • Life Story 	
10 February 2022	9.00 – 12.00	The Best Practice of Sufficiency Economy to Community Development	Dr. Winitra Leelapattana
	13.00 – 16.00	The Best Practice of Sufficiency Economy to Community Development (Practical)	Dr. Winitra Leelapattana
11 February 2022	9.00 – 12.00	A Royal Development Study Center: A Basket of Appropriate Farming Technologies for Novice Farmers	Assoc. Prof. Dr. Weerapon Thongma
	13.00 – 16.00	A Royal Development Study Center: A Basket of Appropriate Farming Technologies for Novice Farmers (Practical)	Assoc. Prof. Dr. Weerapon Thongma

14 – 18 February 2022

Paragons of Sufficiency communities and organizations

Date	Time	Topic	Speakers
14 February 2022	9.00 – 16.00	Sustainable Tourism Development: Agricultural Resources as a Tool for Community Development	Assoc. Prof. Dr. Weerapon Thongma
15 February 2022	9.00 – 12.00	Outstanding Village of Department of Provincial Administration Selection	Dr. Winitra Leelapattana
	13.00 – 16.00	Outstanding Village of Department of Provincial Administration Selection (Practical)	Dr. Winitra Leelapattana
16 February 2022	9.00 – 12.00	The Best Sufficiency Economy Village in Northern Part of Thailand by Ministry of the Interior	Dr. Winitra Leelapattana
	13.00 – 16.00	The Best Sufficiency Economy Village in Northern Part of Thailand by Ministry of the Interior (Practical)	Dr. Winitra Leelapattana
17 February 2022	9.00 – 12.00	An Agrotourism Community Model	Assoc. Prof. Dr. Weerapon Thongma
	13.00 – 16.00	An Agro-tourism Community Model (Practical)	Assoc. Prof. Dr. Weerapon Thongma
18 February 2022	9.00 – 12.00	Sustainable Highland Farming Royal Project	Prof. Dr. Arnat Tancho
	13.00 – 16.00	Sustainable Highland Farming Royal Project (Practical)	Prof. Dr. Arnat Tancho

21 – 26 February 2022

MJU' Best Practices Supporting Small Farmers and Rural Community Development

Date	Time	Topic	Speakers
21 February 2022	9.00 – 12.00	Organic Cannabis for Medical Use	Prof. Dr. Arnat Tancho
	13.00 – 16.00	Organic Cannabis for Medical Use (Practical)	Prof. Dr. Arnat Tancho
22 February 2022	9.00 – 12.00	Earthworm Composting of Organic Garbage and Organic Composting Human Waste	Prof. Dr. Arnat Tancho
	13.00 – 16.00	Earthworm Composting of Organic Garbage and Organic Composting Human Waste (Practical)	Prof. Dr. Arnat Tancho
23 February 2022	9.00 – 12.00	Innovation of Organic Agriculture and Final Product in Thailand	Assoc. Prof. Dr. Rapeephun Dangtankee
	13.00 – 16.00	Innovation of Organic Agriculture and Final Product in Thailand (Practical)	Assoc. Prof. Dr. Rapeephun Dangtankee
24 February 2022	9.00 – 12.00	Animal Production in Community “Rasing Pradu Hangdum (Thai native Chicken) occupation for the Small-Scale Farmers fellow the Sufficient Economy” • Background of Thai Farmers in the rural sector of Thailand/ Objectives • Stakeholder’s analysis and collaboration (Government sector - Community and Educational sector) • Project design	Assoc. Prof. Dr. Siriporn Kiratikarnkul
	13.00 – 16.00	Animal Production in Community (Practical) “Rasing Pradu Hangdum (Thai native Chicken) occupation for the Small-Scale Farmers fellow the Sufficient Economy” • Outcome mapping and Impacts of the Rasing Pradu Hangdum (Thai native Chicken) occupation for the Small-Scale Farmers fellow the Sufficient Economy • Sustainable Development Goal’s from the project • Discuss and opinion exchange	Assoc. Prof. Dr. Siriporn Kiratikarnkul
25 February 2022	9.00 – 12.00	Bio-Circular Green Economy • Sustainable Agricultural Technologies • Agricultural Production, preservation and Food Safety • Algal Production System • Agro-Industry • Biological Natural Resource Engineering	Dr. Prakash Bhuyar

	13.00 – 16.00	Bio-Circular Green Economy <ul style="list-style-type: none"> • Energy crops for fiber compounds, gums, polymers, fatty acids, oils, essential oils • Chemicals derived from oilseed crops, biologically active compounds, • Nanoparticles linked with crops • Valorization and metabolite extraction of waste streams and antioxidant activity • Biotechnology for Livestock, Pests and Aquaculture • Aquaculture and Biosystems Research • Aquatic Resources and Fishery Technology 	Dr. Prakash Bhuyar
26 February 2022	9.00 – 16.00	<ul style="list-style-type: none"> • Group Online Presentations • Online Program Evaluation • Report • Closing Ceremony 	