

Course Outline

Annual International Training Course

Training on Global Warming Mitigation and Adaptation by Balancing Sustainable Energy Management and Sufficiency Economy Philosophy

- Course Title: Training on Global Warming Mitigation and Adaptation by Sustainable Energy Management and Sufficiency Economy Philosophy 2023
- **2.** Duration: June 7^{th} June 27^{th} 2023

3. Background and Rational:

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 international development cooperation. Believing that global challenges are best addressed through international cooperation and global partnership, TICA continue to work closely together with its development partners to realize the 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, TICA has strengthened its partnerships to harness the synergy of South-South and Triangular Cooperation to tackle global development challenges, including expediting the implementation of Sustainable Development Goals (SDGs). It also continues to realign our focuses in order to deliver Thailand'commitments as a global reliable partner.

Since 1991, TICA, in collaboration with educational institutions in Thailand, has offered short- term training courses under its Annual International Training Course (AITC) programme. The number of courses offered each year varies between 25 to 35 courses for 20-35 participants per course. AITC not only fosters good and friendly relations which Thailand has already enjoyed with recipient countries across regions, but also helps Thailand to reach out to those countries with which we desire to engage more closely. The courses offered by TICA in 2023-2025 are

categorized into 5 themes: Sufficiency Economy Philosophy (SEP), food security, climate change and environmental issues, public health, BCG Model relate.

Rational:

Global Warming is the rising of the mean temperature of the Earth's atmosphere and oceans since the late 19th century. The average surface temperature has increased since the early 20th century. The primary cause is the increasing of the greenhouse gases from fossil fuel and deforestation. The Kyoto Protocol to the United Nations Framework Convention on Climate Change (UNFCCC) is the international treaty developed in order to reduce the greenhouse gases. With limitation of commitment, it is not enough to stabilize the greenhouse gas.

The UNFCCC was adopted on 9 May 1992 and open for signature from 4 June 1992, during the United Nations Conference on Environment and Development (UNCED), or the Earth Summit, at Rio de Janeiro, Brazil. The Convention enters into force on 21 March 1994 and currently has 197 Parties. Thailand becomes a Party in the Convention on 28 March 1995, and thereafter participates in the Conference of the Parties (COP) to this day particulary COP 26 in Glasgow.

The post 2015 development agenda namely 17 Sustainable Development Goals (SDG). The SDG number 7 is the affordable and clean energy. The issue of energy is much more getting attention when various studies of global warming lead the people to the conclusion that the energy consumption is one the major causes for global warming. Referring to the Act of Energy Conservation and Promotion B.E. 2535 (1992) together with the Energy Conservation and Promotion Fund, Thailand has been revealing the consciousness and awareness in energy through various programs under the ministry of energy and its departments. The academic sector by many universities in the theme of energy in Thailand is directed toward to the part of mitigation by the technology of energy conservation and renewable energy. The emphasized technology is however caused the unbalance of environmental, social, and economical issues. Thailand is facing with the problem of energy consumption growth whereas the power supply by constructing the new power plant is in the difficulty of making people understand. There is always protest by local community during the preparation or construction of the new power plant. This reflects clearly to the unbalance of three pillars of sustainability.

Apart from applying the technology of energy conservation and renewable energy to alleviate global warming, demand-side management is also required for improving energy efficiency and raising public awareness of energy savings. The Sufficient Economy Philosophy (SEP), which is a tool for achieving a balanced way of life under sustainable development based on three principles: moderation, rationality, and self-immunity, together with two prerequisites: virtues and knowledge, would be an approach for global warming mitigating and adaptation by managing energy demand and increasing energy-saving awareness of the need to become self-sufficient.

This course pays attention to the area of the environmental, social and economic issues. A part of this program is the 2.5-week training on Global Warming Mitigation and Adaptation by Sustainable Energy Management and Sufficient Economy Philosophy.

The program aims at building the concept of balancing components in sustainable development. The output of this training is to have a training filling in the gap of the overview picture of the university and country. The participants will be able to disseminate and apply the concept of Sustainable Energy Management and Sufficient Economy Philosophy aiming to solve the global warming in their countries. The sustainability in view of self-direction without support from world scheme is the expected outcome.

Organization/Institution:

Faculty of Environmental Management, Prince of Songkla University

4. Objectives:

The program is designed to:

- To provide all participants with knowledge about the balancing of sustainability among economic, social, and environmental aspects.
- To provide all participants with various concepts of Sustainable Energy Management (SEM) to mitigate global warming.
- To provide all participants with an approach, based on Sufficient Economy Philosophy (SEP), for global warming mitigation and adaptation.
- To exchange the international ideas of global warming mitigation and adaptation.
- To create a network among all participants

5. Course Contents:

Wednesday 7 June 2023	
09.00 – 09.10 a.m.	VDO presentation: @Faculty of Environmental Management,
	Price of Songkla University
09.10 – 09.20 a.m.	Welcome, Introduction
	Assoc. Prof. Dr. Kuaanan Techato, PSU
09.20 – 09.30 a.m.	Opening of the Training
	by representative from TICA
09.30 – 12.30 a.m.	Relative sea-level rise in South of Thailand using GNSS, satellite
	altimetry and tide gauges
	(1) VDO presentation:
	Location : Tectonic plate movement measuring station
	Address: Phuket Province
12.00 16.00	Mr. Wim J.F. Simons, PSU Country Report
13.00 – 16.00 p.m.	Assoc. Prof. Dr. Kuaanan Techato, PSU
Thursday 8 June 2023	
11111 Sady 8 8 8116 2025	
09.00 – 12.00 a.m.	The international experience of global warming mitigating and
	adaptation.
	 <i>adaptation.</i> (2) VDO presentation: Location : Chana Power Plant
	 adaptation. (2) VDO presentation: Location : Chana Power Plant Address: Pa Ching Subdistrict, Chana District, Songkhla Province
09.00 – 12.00 a.m.	 <i>adaptation.</i> (2) VDO presentation: Location : Chana Power Plant
	 adaptation. (2) VDO presentation: Location : Chana Power Plant Address: Pa Ching Subdistrict, Chana District, Songkhla Province Mr. Md. Shahariar Chowdhury, PSU
09.00 – 12.00 a.m.	 adaptation. (2) VDO presentation: Location : Chana Power Plant Address: Pa Ching Subdistrict, Chana District, Songkhla Province Mr. Md. Shahariar Chowdhury, PSU Country Report Assoc. Prof. Dr. Kuaanan Techato, PSU
09.00 – 12.00 a.m. 13.00 – 16.00 p.m.	adaptation. (2) VDO presentation: Location : Chana Power Plant Address: Pa Ching Subdistrict, Chana District, Songkhla Province Mr. Md. Shahariar Chowdhury, PSU Country Report Assoc. Prof. Dr. Kuaanan Techato, PSU Sustainable energy management
09.00 – 12.00 a.m. 13.00 – 16.00 p.m. Friday 9 June 2023	adaptation. (2) VDO presentation: Location : Chana Power Plant Address: Pa Ching Subdistrict, Chana District, Songkhla Province Mr. Md. Shahariar Chowdhury, PSU Country Report Assoc. Prof. Dr. Kuaanan Techato, PSU Sustainable energy management (3) VDO presentation:
09.00 – 12.00 a.m. 13.00 – 16.00 p.m. Friday 9 June 2023	adaptation. (2) VDO presentation: Location : Chana Power Plant Address: Pa Ching Subdistrict, Chana District, Songkhla Province Mr. Md. Shahariar Chowdhury, PSU Country Report Assoc. Prof. Dr. Kuaanan Techato, PSU Sustainable energy management (3) VDO presentation: Location : Thung Yai Saraphee
09.00 – 12.00 a.m. 13.00 – 16.00 p.m. Friday 9 June 2023	adaptation. (2) VDO presentation: Location : Chana Power Plant Address: Pa Ching Subdistrict, Chana District, Songkhla Province Mr. Md. Shahariar Chowdhury, PSU Country Report Assoc. Prof. Dr. Kuaanan Techato, PSU Sustainable energy management (3) VDO presentation:
09.00 – 12.00 a.m. 13.00 – 16.00 p.m. Friday 9 June 2023	 adaptation. (2) VDO presentation: Location : Chana Power Plant Address: Pa Ching Subdistrict, Chana District, Songkhla Province Mr. Md. Shahariar Chowdhury, PSU Country Report Assoc. Prof. Dr. Kuaanan Techato, PSU Sustainable energy management (3) VDO presentation: Location : Thung Yai Saraphee Address: Songkhla Rajabhat University, Satun Campus Satun Province

Monday 12 June 2023 :	Renewable Energy
09.00 – 12.00 a.m.	Sola and application in Thailand
	(4) VDO presentation:
	Location: Faculty of Environmental Management
	Address: Price of Songkla University, Kho Hong Sub-district, HatYai District Songkhla Province
	Mr. Suradej Santisakolwut
13.00 – 16.00 p.m.	Country Report
15.00 10.00 p.m.	Assoc. Prof. Dr. Kuaanan Techato, PSU
Tuesday 13 June 2023	
09.00 – 12.00 a.m.	<i>Wind turbine and low-speed vertical axis wind turbine</i> (5) <i>VDO presentation:</i>
	Location : Energy Absolute Company Limited
	Provincial Electricity Authority (PEA) / Electricity
	Generating Authority (EGAT) (Wind len)
	Address: Hua Sai Sub-district, Hua Sai District, Nakhon Si Thammarat
	Province /Ranot Sub-district, Ranot District, Songkhla
	Province
	Asst.Prof. Dr. Montri Luengchavanon, PSU
13.00 – 16.00 p.m.	Country Report
-	Assoc. Prof. Dr. Kuaanan Techato, PSU
Wednesday 14 June 202.	
09.00 – 12.00 a.m.	Lithium battery and Super capacitor
	(6) VDO presentation:
	Location : Sirindhorn Building, Faculty of Engineering and Faculty of
	Environmental Management
	Address: Price of Songkla University, Kho Hong Sub-district, HatYai District Songkhla Province
	Asst.Prof. Dr. Montri Luengchavanon, PSU
13.00 – 16.00 p.m.	Country Report
	Assoc. Prof. Dr. Kuaanan Techato, PSU
Thursday 15 June 2023	
09.00 – 12.00 a.m.	Biodiesel, biomass power plant, and biomass gasification (7) VDO presentation:
	Location : New Biodiesel Co., LTD.
	Address: Sawiat, Tha Chang District, Surat Thani
	Dr.Issara Chanakaewsomboon, PSU
13.00 – 16.00 p.m.	Country Report
1	Assoc. Prof. Dr. Kuaanan Techato, PSU

Friday 16 June 2023	
09.00 – 12.00 a.m.	Gasification
	(8) VDO presentation:
	Location : Biomass power plant
	Address : Trang Province Songkhla Province Phatthalung Province
	Dr.Issara Chanakaewsomboon, PSU
13.00 – 16.00 p.m.	Country Report Assoc. Prof. Dr. Kuaanan Techato, PSU
Monday 19 June 2023	
09.00 – 12.00 a.m.	Fuel Cell (9) VDO presentation:
	Location : Sirindhorn Building, Faculty of Engineering and Faculty of
	Environmental Management
	Address : Price of Songkla University, Kho Hong Sub-district, HatYai
	District Songkhla Province
	Asst.Prof. Dr. Montri Luengchavanon, PSU
13.00 – 16.00 p.m.	Country Report
$15.00 - 10.00 \ p.m.$	Assoc. Prof. Dr. Kuaanan Techato, PSU
Tuesday 20 June 2023	
09.00 – 12.00 a.m.	Nano Technology
	(10) VDO presentation:
	Location : Faculty of Environmental Management
	Address : Price of Songkla University, Kho Hong Sub-district, HatYai District Songkhla Province
	Asst.Prof. Dr. Montri Luengchavanon, PSU
13.00 – 16.00 p.m.	Country Report
$15.00 - 10.00 \ p.m.$	Assoc. Prof. Dr. Kuaanan Techato, PSU
Wednesday 21 June 2023	
09.00 – 12.00 a.m.	Geothermal
	(11) VDO presentation:
	Location : Betong Hot Spring
	Address : Betong District, Yala
	Asst.Prof.Dr. Helmut Josep Durrast, PSU
13.00 – 16.00 p.m.	Country Report Assoc. Prof. Dr. Kuaanan Techato, PSU
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Thursday 22 June 2023	
09.00 – 12.00 a.m.	Sufficient Economy Philosophy (SEP) and Sustainable Development
	Goal (SDG) (12) VDO presentation:
	Location : Kriengsak Farm, Chiang Mai Province Address : Chiang Mai Province
	Prof Dr. Kriangsak Mengamphan
13.00 – 16.00 p.m.	Country Report
15.00 - 10.00 p.m.	Assoc. Prof. Dr. Kuaanan Techato, PSU
Friday 23 June 2023	
09.00 – 12.00 a.m.	Sufficient Economy Philosophy (SEP) for community-based mitigating
	and adaptation to global warming (Part 1)
	(13) VDO presentation:
	Location : Ban Nam Rap Community
	Address : Trang Province
	Dr. Nuttuya Yuangyai Country Report
13.00 – 16.00 p.m.	Assoc. Prof. Dr. Kuaanan Techato, PSU
Monday 26 June 2023	
09.00 – 12.00 a.m.	Sufficient Economy Philosophy (SEP) for community-based
	mitigating and adaptation to global warming (Part 2)
	(14) VDO presentation:
	Location : Ban Laem Community
	Location : Ban Laem Community Address : Trang Province Dr. Nuttuya Yuangyai
13.00 – 16.00 p.m.	Location : Ban Laem Community Address : Trang Province Dr. Nuttuya Yuangyai Country Report
-	Location : Ban Laem Community Address : Trang Province Dr. Nuttuya Yuangyai
13.00 – 16.00 p.m. Tuesday 27 June 2023	Location : Ban Laem Community Address : Trang Province Dr. Nuttuya Yuangyai Country Report Assoc. Prof. Dr. Kuaanan Techato, PSU
-	Location : Ban Laem Community Address : Trang Province Dr. Nuttuya Yuangyai Country Report Assoc. Prof. Dr. Kuaanan Techato, PSU Greenhouse Gases (GHG) For Community
Tuesday 27 June 2023	Location : Ban Laem Community Address : Trang Province Dr. Nuttuya Yuangyai Country Report Assoc. Prof. Dr. Kuaanan Techato, PSU Greenhouse Gases (GHG) For Community (15) VDO presentation:
Tuesday 27 June 2023	Location : Ban Laem Community Address : Trang Province Dr. Nuttuya Yuangyai Country Report Assoc. Prof. Dr. Kuaanan Techato, PSU Greenhouse Gases (GHG) For Community (15) VDO presentation: Location : Pattani Province and Narathiwat Province
Tuesday 27 June 2023	Location : Ban Laem Community Address : Trang Province Dr. Nuttuya Yuangyai Country Report Assoc. Prof. Dr. Kuaanan Techato, PSU Greenhouse Gases (GHG) For Community (15) VDO presentation: Location : Pattani Province and Narathiwat Province Assoc. Prof. Dr. Kuaanan Techato, PSU
Tuesday 27 June 2023	Location : Ban Laem Community Address : Trang Province Dr. Nuttuya Yuangyai Country Report Assoc. Prof. Dr. Kuaanan Techato, PSU Greenhouse Gases (GHG) For Community (15) VDO presentation: Location : Pattani Province and Narathiwat Province Assoc. Prof. Dr. Kuaanan Techato, PSU Country Report
Tuesday 27 June 2023 09.00 – 12.00 a.m.	Location : Ban Laem Community Address : Trang Province Dr. Nuttuya Yuangyai Country Report Assoc. Prof. Dr. Kuaanan Techato, PSU Greenhouse Gases (GHG) For Community (15) VDO presentation: Location : Pattani Province and Narathiwat Province Assoc. Prof. Dr. Kuaanan Techato, PSU

6. Participants Criteria:

Applicants must fulfill the following requirement:

- Be nominated by their respective government;
- Education: All related to Energy, Environment, and Sufficiency Economy Philosophy or has relevant working experience
- Language: proficiency in English (speaking, reading and writing)

7. Attendance and Evaluation

Participants who completed the training will receive a certificate base on:

- Real-time Class attendance (not less than 80%)
- Interactive class participation
- Presentation and report
- Evaluation

8. Venue:

Songkhla: Faculty of Environmental Management, Hatyai, Songkhla

9. Expected Results:

The participant will be able to be a balancer in the future and join with the faculty of environmental management to produce at least one case of global warming solving in their countries.

10. Organization/ Institution:

Implementing Agency;

Faculty of Environmental Management, Prince of Songkla University

Contact Person

Dr. Kuaanan Techato,

Faculty of Environmental Management, Prince of Songkla University, Hat yai, Songkhla, Thailand 90110, Tel + 66-7428-6843

Email: <u>kuaanan.t@psu.ac.th</u> Website: <u>www.envi.psu.ac.th</u>

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Thailand 90110, Tel + 66-7428-6838

Email: nuttaya.y@psu.ac.th Website: www.envi.psu.ac.th

11. 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 Programme: Global Warming Mitigation and Adaptation by Sustainable Energy Management and Sufficiency Economy Philosophy 2023 June 7th – June 27th 2023

Date/ Period	Time	Content	Speaker	Note
/Topic	(Thailand time)			
Day 1 : Wednesday 7 June 20	23			
	09.00 – 09.10 a.m.	VDO presentation: @Faculty of Environmental		
		Management, Price of Songkla University		
	09.10 – 09.20 a.m.	Welcome, Introduction	Assoc. Prof. Dr. Kuaanan Techato,	
			PSU	
	09.20 – 09.30 a.m.	Opening of the Training	by representative from TICA	
Relative sea-level rise in	09.30 – 12.30 a.m.	Relative sea-level rise in South of Thailand using	Mr.Wim J.F.Simons, PSU	
South of Thailand using		GNSS, satellite altimetry and tide gauges		
GNSS, satellite altimetry and		(1) VDO presentation:		
tide gauges		Location : Tectonic plate movement measuring		
		station		
Country Doport		Address: Phuket Province	Assoc. Prof. Dr. Kuaanan Techato,	
Country Report	13.00 – 16.00 p.m.	Country Report	Assoc. Froj. Dr. Kuaanan Techaio, PSU	
Day 2 : Thursday 8 June 2023		۱		
The international experience	09.00 – 12.00 a.m.	The international experience of global warming	Mr. Md. Shahariar Chowdhury,	
of global warming mitigating and adaptation.		<i>mitigating and adaptation.</i> (2) VDO presentation:	PSU	
		Location : Chana Power Plant		
		Address: Pa Ching Subdistrict, Chana District,		
		Songkhla Province		
Country Report	13.00 – 16.00 p.m.	Country Report	Assoc. Prof. Dr. Kuaanan Techato, PSU	

Date/ Period	Time	Content	Speaker	Note
/Topic	(Thailand time)			
Day 3 : Friday 9 June 2023			·	
Sustainable energy management	09.00 – 12.00 a.m.	Sustainable energy management (3) VDO presentation: Location : Thung Yai Saraphee Address: Songkhla Rajabhat University, Satun Campus Satun Province	Dr.Issara Chanakaewsomboon, PSU	
Country Report	13.00 – 16.00 p.m.	Country Report	Assoc. Prof. Dr. Kuaanan Techato, PSU	
		Saturday 10 June 2023: Official Holiday		
		Sunday 11 June 2023: Official Holiday		
Day 4 : Monday 12 June 2023	3	T	rr	
Solar and application in Thailand	09.00 – 12.00 a.m.	Solar and application in Thailand (4) VDO presentation: Location: Faculty of Environmental Management Address: Price of Songkla University, Kho Hong Sub-district, HatYai District Songkhla Province	Mr. Suradej Santisakolwut	
Country Report	13.00 – 16.00 p.m.	Country Report	Assoc. Prof. Dr. Kuaanan Techato	
Day 5 : Tuesday 13 June 2023	3			
Wind turbine and low-speed vertical axis wind turbine	09.00 – 12.00 a.m.	 Wind turbine and low-speed vertical axis wind turbine (5) VDO presentation: Location : Energy Absolute Company Limited Provincial Electricity Authority (PEA) / Electricity Generating Authority (EGAT) (Wind len) Address: Hua Sai Sub-district, Hua Sai District, Nakhon Si Thammarat Province /Ranot Sub-district, Ranot District, Songkhla Province 	Asst.Prof. Dr. Montri Luengchavanon	
Country Report	13.00 – 16.00 p.m.	Country Report	Assoc. Prof. Dr. Kuaanan Techato	

Date/ Period	Time	Content	Speaker	Note
/Topic	(Thailand time)			
Day 6: Wednesday 14 June 202	3		·	
Lithium battery and Supercapacitor	09.00 – 12.00 a.m.	 Lithium battery and Super capacitor (6) VDO presentation: Location : Sirindhorn Building, Faculty of Engineering and Faculty of Environmental Management Address: Price of Songkla University, Kho Hong Sub-district, HatYai District Songkha Province 	Asst.Prof. Dr. Montri Luengchavanon	
Country Report	13.00 – 16.00 p.m.	Country Report	Assoc. Prof. Dr. Kuaanan Techato	
Day 7 : Thursday 15 June 2023	1			
Biodiesel, biomass power plant, and biomass gasification	09.00 – 12.00 a.m.	Biodiesel, biomass power plant, and biomass gasification (7) VDO presentation: Location : New Biodiesel Co., LTD. Address: Sawiat, Tha Chang District, Surat Thani	Dr.Issara Chanakaewsomboon	
Country Report	13.00 – 16.00 p.m.	Country Report	Assoc. Prof. Dr. Kuaanan Techato	
Day 8 : Friday 16 June 2023	X			
Gasification	09.00 – 12.00 a.m.	Gasification(8) VDO presentation:Location : Production plant of fuel from plasticwasteAddress : Kanchanaburi Province	Dr.Issara Chanakaewsomboon,	
Country Report	13.00 – 16.00 p.m.	Country Report	Assoc. Prof. Dr. Kuaanan Techato,	
		Saturday 17 June 2023: Official Holiday		
		Sunday 18 June 2023: Official Holiday		

Date/ Period	Time	Content	Speaker	Note
/Topic	(Thailand time)			
Day 9 : Monday 19 June 2023			Ì	
Fuel Cell	09.00 – 12.00 a.m.	Fuel Cell(9) VDO presentation:Location : Sirindhorn Building, Faculty ofEngineering and Faculty of EnvironmentalManagementAddress : Price of Songkla University, KhoHong Sub-district, HatYai District SongkhlaProvince	Asst.Prof. Dr. Montri Luengchavanon,	
Country Report	13.00 – 16.00 p.m.	Country Report	Assoc. Prof. Dr. Kuaanan Techato,	
Day 10 : Tuesday 20 June 2023			·	
Nano Technology	09.00 – 12.00 a.m.	Nano Technology (10) VDO presentation:Location : Faculty of EnvironmentalManagementAddress : Price of Songkla University, KhoHong Sub-district, HatYai District SongkhlaProvince	Asst.Prof. Dr. Montri Luengchavanon,	
Country Report	13.00 – 16.00 p.m.	Country Report	Assoc. Prof. Dr. Kuaanan Techato,	
Day 11 : Wednesday 21 June 202	23		· · · · · · · · · · · · · · · · · · ·	
Geothermal	09.00 – 12.00 a.m.	Geothermal(11) VDO presentation:Location : Betong Hot SpringAddress : Betong District, Yala	Asst.Prof.Dr. Helmut Josep Durrast,	
Country Report	13.00 – 16.00 p.m.	Country Report	Assoc. Prof. Dr. Kuaanan Techato,	

Date/ Period	Time	Content	Speaker N	lote
/Topic	(Thailand time)			
Day 12 : Thursday 22 June 2023				
Sufficient Economy Philosophy	09.00 – 12.00 a.m.	Sufficient Economy Philosophy (SEP) and	Prof Dr. Kriangsak Mengamphan	
(SEP) and Sustainable		Sustainable Development Goal (SDG) (12) VDO presentation:		
Development Goal (SDG)		Location : Kriengsak Farm, Chiang Mai		
		Province Address : Chiang Mai Province		
Country Report	13.00 – 16.00 p.m.	Country Report	Assoc. Prof. Dr. Kuaanan Techato,	
Day 13 : Friday 23 June 2023	11			
Sufficient Economy Philosophy (SEP) for community-based mitigating and adaptation to global warming (Part 1)	09.00 – 12.00 a.m.	Sufficient Economy Philosophy (SEP) for community-based mitigating and adaptation to global warming (Part 1) (13) VDO presentation:	Dr. Nuttuya Yuangyai	
		Location : Ban Nam Rap Community Address : Trang Prov		
Country Report	13.00 – 16.00 p.m.	Country Report	Assoc. Prof. Dr. Kuaanan Techato,	
		Saturday 24 June 2023: Official Holiday	· · · · · · · · · · · · · · · · · · ·	
		Sunday 25 June 2023: Official Holiday		
Day 14 : Monday 26 June 2023			· · · · · · · · · · · · · · · · · · ·	
Sufficient Economy Philosophy (SEP) for community-based mitigating and adaptation to global warming (Part 2)	09.00 – 12.00 a.m.	Sufficient Economy Philosophy (SEP) for community-based mitigating and adaptation to global warming (Part 2) (14) VDO presentation:	Dr. Nuttuya Yuangyai	
		Location : Ban Laem Community Address : Trang Province		
Country Report	13.00 – 16.00 p.m.	Country Report	Assoc. Prof. Dr. Kuaanan Techato,	

Date/ Period	Time	Content	Speaker	Note
/Topic	(Thailand time)			
Day 15 : Tuesday 27 June 2023				
Sufficient Economy Philosophy (SEP) for community-based mitigating and adaptation to global warming (Part 3)	09.00 – 12.00 a.m.	Sufficient Economy Philosophy (SEP) for community-based mitigating and adaptation to global warming (Part 3) (15) VDO presentation: Location : Pattani Province and Narathiwat Province	Dr. Nuttuya Yuangyai	
Country Report	13.00 – 16.00 p.m.	Country Report	Assoc. Prof. Dr. Kuaanan Techato,	
	16.00 – 17.00 p.m	Conclusion & Closing Ceremony	Assoc. Prof. Dr. Kuaanan Techato,	