



Hand book

Senior Security Studies Program (SSSP 2023)

**July 10-14, 2023
Chonburi, Thailand**

Senior Security Studies Program SSSP 2023

July 10 - 14, 2023

Chonburi, Thailand

**Strategic Studies Center,
National Defence Studies Institute**



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ABOUT THE STRATEGIC STUDIES CENTER (SSC)



Strategic Studies Center National Defence Studies Institute

The Strategic Studies Center (SSC) was founded by the former Chief of Defence Forces, the visionary General Kriengsak Chamanand. The center was originally named the “Strategic Research Institute”, which was officially founded on the 9 April 1979.

The institute was to provide professional recommendations on strategies regarding politics, economics, socio-psychological issues, and defence aspects to higher commanders. The Strategic Research Institute was initially put under the National Defence College.

In 1990, the National Defence Studies Institute (NDSI) was founded. Then, the Strategic Research Institute was transferred to be under the NDSI. Later, on the 2 April 2009, the “Strategic Research Institute” was renamed the “Strategic Studies Center”, or SSC until today.

Vision “To be an agency that strives for excellence in research studies and provides strategic advices on security and national defense (Think Tank) that to be accepted by the Armed Forces, security agencies and Thai people by the year 2027.”

Mission

1. Conduct inspections, evaluate the strategic environment, analyze and make recommendations on security strategies that affects national security for Thai Armed Forces and government agencies.
2. Strengthen and maintain a network of strategic think tank on national security and defense with academic security agencies both domestically and internationally.
3. Producing and disseminating academic works on national security and defense strategies. to be accepted by the army Security agencies and citizens and internationally known.
4. Develop organization and personnel potential to have expertise in research on security strategies and national defense.
5. Produce strategists and develop strategic leaders in security quality which is nationally accepted.

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Tel: 66 2 277 4300, Email: research.ssc@gmail.com;

ABOUT THE DANIEL K. INOUYE ASIA-PACIFIC CENTER FOR SECURITY STUDIES (DKI APCSS)



Daniel K. Inouye Asia-Pacific Center for Security Studies

The Daniel K. Inouye Asia-Pacific Center for Security Studies (DKI APCSS) is a U.S. Department of Defense institute that officially opened Sept. 4, 1995, in Honolulu, Hawaii. DKI APCSS addresses regional and global security issues, inviting military and civilian representatives of the United States and Asia-Pacific nations to its comprehensive program of executive education and workshops, both in Hawaii and throughout the Indo-Pacific region.

The Center supports the U.S. Indo-Pacific Command's objective of developing professional and personal ties among national security establishments throughout the region. With a non-warfighting mission, the Center focuses on a multilateral and multi-dimensional approach to defining and addressing regional security issues and concerns. The most beneficial result is building relationships of trust and confidence among future leaders and decision-makers within the region.

DKI APCSS provides a focal point where national officials, decision makers and policy makers can gather to exchange ideas, explore pressing issues and achieve a greater understanding of the challenges that shape the security environment of the Indo-Pacific region. As well, the Center gives attention to the increasingly complex interrelationships of military, economic, political and diplomatic policies relevant to regional security issues through its three academic components: executive education, workshops and research and publications efforts.

Vision A free, prosperous Indo-Pacific promoting collaborative, inclusive security.

Mission DKI APCSS builds resilient capacity, shared understanding, and networked relationships among civilian and military practitioners and institutions to advance a free and open Indo-Pacific.

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Daniel K. Inouye
Asia-Pacific Center for
Security Studies



Senior Security Studies Program

Bangsaen, Chonburi

July 10 - 14, 2023



Strategic Studies Center,
National Defence
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Background

Pursuant to guidance from the Chief of Defence, Thailand, the Strategic Studies Center (SSC), National Defence Studies Institute, and the Daniel K. Inouye Asia-Pacific Center for Security Studies (DKI APCSS), are partnering to conduct the inaugural Senior Security Studies Course focused on strategic thinking and context setting, traditional, non-traditional and emerging security issues, and the implications for Thailand.

Course Description / Methodology

This is an intensive, one-week program for senior Thai security sector leaders on the upward track for positions of significant national and international responsibility. The course will look at a comprehensive array of emergent and over-the-horizon security issues such as: terrorism, environmental degradation, geopolitical competition, cyber threats, and regional governance. The course will also consider geo-strategic issues such as power shifts among nations as part of the context in which broader security concerns play out. Senior Participants will utilize strategic thinking and consider cooperative interagency responses to transnational security scenarios during an interactive exercise. The program is based on the broad notion that national and regional security is significantly enhanced by collaborative efforts at monitoring, preventing, and preparing for any transnational security threat.

The curriculum emphasizes the impact of change in the region, as well as capacities to manage change leader and institutional. The course integrates a challenging program of interactive presentations and dialogue, together with opportunities to specifically consider the implications for Thailand and recommend practical, actionable responses.

The course typically caters to senior executives from varied ministries and organizations throughout the government of Thailand, as well as officials from non-governmental, regional and international organizations with security-related portfolios. Typical peer level ranks include ambassador/deputy minister, flag-general rank military officers, and regional directors. This unique education and networking opportunity mostly benefits senior leaders whose responsibilities require influencing or making decisions within multilateral, multinational, and whole-of-government forums.

Course Outcomes

- Participants with broadened perspectives on, and deepened understanding of, contemporary and future, domestic and regional, security challenges and opportunities.
- Participant-developed initial thoughts on areas for enhanced Government of Thailand and Royal Thai Armed Forces focus.
- A networked cohort of participants with shared understanding of each other's organizations and plans.
- A foundation for SSC to continue developing its role as a premier host and facilitator for executive education in support of Royal Thai Armed Forces and Government of Thailand priorities.

DAY 1: SUNDAY 09 JULY 2023

PATICIPANT ARRIVAL AND ICE BREAKING

(DRESS: SMART CASUAL)

| TIME | EVENTS | LOCATION |
|-------------|---|-------------------------------------|
| 1400-1600 | Participants Depart SSC, NDSI (Bangkok) to Chonburi Province (Laemthan) | |
| 1300-1700 | Participants Registration | SSC, RTARF (Laemthan) |
| 1700-1830 | Ice Breaking | 2nd Floor Accommodation Building |
| 1830-2000 | Dinner | 2nd Floor Accommodation Building |

DAY 2: MONDAY 10 JULY 2023

OPENING CEREMONY, SUSTAINABLE SECURITY, NEW SECURITY CHALLENGE IN INDO-PACIFIC,
NEW SECURITY CHALLENGES AND EXERCISE

(DRESS: UNIFORM OR BUSINESS ATTIRE FOR MORNING SESSIONS;
AFTER LUNCH ATTIRE WILL BE SMART CASUAL)

| TIME | EVENTS | LOCATION |
|-----------|--|---|
| 0700-0800 | Breakfast | 2nd Floor Accommodation Building |
| 0800-0830 | Participant's Registration | Convention Hall |
| 0830-0900 | Program overview Opening Ceremony - Welcome Speech: Major General Taksin Sirisingha, Director SSC, NDSI - Opening Speech: Lieutenant General, Natee Wongissares The Deputy Commanding General of NDSI - Welcome Remarks: Capt. Richard F. Sears, Deputy Director of DKI APCSS | Main Convention Hall |
| 0900-1000 | Keynote Speech: "Comprehensive Security" by General. Jerdwut Kraprayoon, Advisor to Senate Committee on Military and National Security - Group Photo | Main Convention Hall |
| 1000-1030 | Refreshment Break | |
| 1030-1130 | Keynote Speech: "New Security Challenges in Indo- Pacific" by Colonel Kurtis A. Leffler, Chief of JUSMAG Thailand | Main Convention Hall |
| 1130-1200 | Program overview | Main Convention Hall |
| 1200-1330 | Lunch | 2 nd Floor Accommodation Building |
| 1330-1500 | New ASEAN Security Challenges by Mr.Kavi Chongkittavorn, Institute of Security and International Studies Chulalongkorn University | Plenary Room |
| 1500-1530 | Refreshment Break | |
| 1530-1730 | Exercise: WS 1 Environmental Scanning by SSC,NDSI | Seminar Room 1-2-3-4 |
| 1730-1830 | Evening at Leisure | |
| 1830-1930 | Dinner | 2nd Floor Accommodation Building |

DAY 3: TUESDAY 11 JULY 2023

CRITICAL THINKING & STRATEGIC THINKING, STRATEGIC COMMUNICATIONS,
CLIMATE CHANGE AND EXERCISE

(DRESS: SMART CASUAL)

| TIME | EVENTS | LOCATION |
|-----------|---|---|
| 0700-0800 | Breakfast | 2nd Floor Accommodation Building |
| 0800-0830 | Course Flow & Administrative Announcements | Plenary Room |
| 0900-0930 | Critical thinking & Strategic thinking by Dr.Alexander L. Vuving (DKI APCSS) | Plenary Room |
| 0930-1030 | Strategic Communications by Mary Markovinovic (DKI APCSS) | Plenary Room |
| 1030-1100 | Refreshment Break | |
| 1100-1230 | Climate Change by Ms. Rosalind Amornpitakpun, Ministry of Natural Resources and Environment | Plenary Room |
| 1230-1330 | Lunch | 2 nd Floor Accommodation Building |
| 1330-1500 | Exercise: WS 2 Strategic Communications by SSC, NDSI | Seminar Room 1-2-3-4 |
| 1500-1530 | Refreshment Break | |
| 1530-1730 | Exercise: WS 2 (Con.) | Seminar Room 1-2-3-4 |
| 1730-1830 | Evening at Leisure | |
| 1830-1930 | Dinner | 2nd Floor Accommodation Building |

DAY 4: WEDNESDAY 12 JULY 2023

NEW SECURITY CHALLENGES ON CYBERSPACE DOMAIN, SPACE SECURITY AND
EXERCISE

(DRESS: SMART CASUAL)

| TIME | EVENTS | LOCATION |
|-----------|---|---|
| 0700-0800 | Breakfast | 2nd Floor Accommodation Building |
| 0800-0830 | Course Flow & Administrative Announcements | Plenary Room |
| 0830-1000 | New Security Challenges on Cyber Domain by Mr. Prinya Hom-anek | Plenary Room |
| 1000-1030 | Refreshment Break | |
| 1030-1200 | Space Security by Dr. Alfred Oehlers (DKI APCSS) | Plenary Room |
| 1200-1330 | Lunch | 2 nd Floor Accommodation Building |
| 1330-1530 | Exercise: WS 3 Cyber Security/Cyber Crime by SSC, NDSI | Seminar Room 1-2-3-4 |
| 1530-1545 | Refreshment Break | |
| 1545-1730 | Team Building Activity | Bangsaen Beach |
| 1730-1830 | Evening at Leisure | |
| 1830-1930 | Dinner | 2nd Floor Accommodation Building |

DAY 5: THURSDAY 13 JULY 2023

ECONOMIC SECURITY, BLUE ECONOMY, INTERNATIONAL RELATIONSHIP IMPACT ON
REGIONAL SECURITY AND EXERCISE

(DRESS: SMART CASUAL)

| TIME | EVENTS | LOCATION |
|-----------|---|---|
| 0700-0800 | Breakfast | 2nd Floor Accommodation Building |
| 0800-0830 | Course Flow & Administrative Announcements | Plenary Room |
| 0830-1000 | Economic security by Dr.Timothy Buehrer (DKI APCSS) | Plenary Room |
| 1000-1030 | Refreshment Break | |
| 1030-1200 | Blue Economy by Dr.Timothy Buehrer (DKI APCSS) | Plenary Room |
| 1200-1330 | Lunch | 2 nd Floor Accommodation Building |
| 1330-1500 | International Relationship Impact on Regional Security by Mr. Chettaphan Maksamphan, Department of American and Pacific Affairs | Plenary Room |
| 1500-1530 | Refreshment Break | |
| 1530-1700 | Exercise: WS 4 Transnational Security by SSC, NDSI | Seminar Room 1-2-3-4 |
| 1700-1800 | Prepare Group Presentation | Seminar Room 1-2-3-4 |
| 1800-1930 | Dinner | 2nd Floor Accommodation Building |
| 1930-2000 | Prepare Group Presentation (Con.) | Seminar Room 1-2-3-4 |

DAY 6: FRIDAY 14 JULY 2023

GROUP PRESENTATION AND CLOSING CEREMONY

(DRESS: UNIFORM OR BUSINESS ATTIRE FOR CLOSING CEREMONY)

| TIME | EVENTS | LOCATION |
|-----------|--|---|
| 0700-0800 | Breakfast | 2nd Floor Accommodation Building |
| 0800-1000 | Group Presentation | Main Convention Hall |
| 1000-1030 | Refreshment Break | |
| 1030-1200 | Closing Ceremony - Congratulation Speech by Capt. Richard F. Sears, Deputy Director of DKI APCSS - Congratulation Speech by Major General Taksin Sirisingha, Director SSC, NDSI - Presentation of Certificates - Presentation of the souvenirs to the APCSS team and Thai advisory team - Closing Speech: Lieutenant General, Natee Wongissares The Deputy Commanding General of NDSI - Group photo | Main Convention Hall |
| 1200-1330 | Lunch | 2 nd Floor Accommodation Building |
| 1400 | Participant's Departure (Laemthan) for Bangkok | |



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Senior Security Studies Program

Bangsaen, Chonburi

July 10- 14, 2023

Day 1

July 10, 2023



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Keynote Address

“Comprehensive Security”

By



General. Jerdwut Kraprayoon

Advisor to Senate Committee on Military and National Security



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Keynote Address

“New Security Challenges in Indo-Pacific”

By



Col. Kurtis A Leffler

Chief of JUSMAGTHAI



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Topic Overview

New Asean Security Challenges

Mr. Kavi Chongkittavorn

Former Myanmar Times editor and executive editor of The Nation newspaper.
Currently a senior researcher at Institute of Security and International Studies
Chulalongkorn University and Columnist, Bangkok Post Newspaper

Objectives

- Gain knowledge in more security context other than the military and perceive trend of security situation from the Changing World Order.

Lecture scope

- New Security Challenges Situation in ASEAN and Thailand
- Coping approaches for ASEAN and Thailand to new security situation



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“Workshop 1”

วัตถุประสงค์: เพื่อแลกเปลี่ยนความรู้ด้านความมั่นคงในมิติต่าง ๆ ที่มีความจำเป็นต่อผู้บริหารระดับสูงในการเรียนรู้และเตรียมความพร้อมรับมือวิกฤติของชาติที่อาจเกิดขึ้นในอนาคต ให้ทราบถึงบริบทความมั่นคงแบบ Transnational และเป็น Comprehensive เพื่อเห็นแนวโน้มของสถานการณ์ความมั่นคงโลกที่เกิดจากการเปลี่ยนแปลงของระเบียบโลกใหม่

กล่าวนำ:

จากการบรรยายพิเศษ 3 เรื่อง ในช่วงเช้าที่ผ่านมา คือ

- “Sustainable Security” โดย พล.อ.บุญสร้าง เนียมประดิษฐ์ อดีตรัฐมนตรีว่าการทหารสูงสุด
- “New Security Challenge in Indo-Pacific” by Colonel Kurtis A. Leffler, Chief of JUSMAG Thailand และ
- “New ASEAN Security Challenges” โดย คุณกวี จงกิจถาวร นักวิจัยอาวุโส

สถาบันศึกษาความมั่นคงและนานาชาติ จุฬาลงกรณ์มหาวิทยาลัย

จากการบรรยายทั้ง 3 เรื่อง ชี้ให้เห็นถึง สถานการณ์ด้านความมั่นคง การเมือง และเศรษฐกิจการแข่งขันของมหาอำนาจในระดับภูมิภาค และระดับโลก อีกทั้งความก้าวหน้าทางเทคโนโลยีที่เปลี่ยนแปลงอย่างก้าวกระโดด (Disruptive Technology) ก็ส่งผลให้ความรู้ ระเบียบแบบแผน และการกำหนดยุทธศาสตร์ในมิติต่าง ๆ มีการเปลี่ยนแปลงไปจากกระบวนการเดิม

Workshop 1 เป็นการตรวจสอบสภาวะแวดล้อม เพื่อให้ นักความมั่นคงเกิดการมองภาพด้านความมั่นคงอย่างเป็นระบบและครอบคลุมมิติตาม STEEP-M โดยการรวบรวมสถานการณ์สำคัญต่าง ๆ ในระดับโลก ภูมิภาค และภายในประเทศที่มีนัยสำคัญต่อความมั่นคงของประเทศไทย เช่น Global Security / Geo-Politic Change / Geo-Politic War / Trade/ Economic War / Energy / Food Security / Technology Competition / Technology War และ Military War เป็นต้น

(รายละเอียดของ STEEP-M ตามชุดเอกสารที่แจกเพิ่มเติม)

ป้บงการ : ท่านเป็นผู้นำทางทหารหรือหน่วยงานความมั่นคง ท่านต้องเข้าใจในความเชื่อมโยงของสถานการณ์แวดล้อมด้านความมั่นคง (แบบ Transnational และเป็น Comprehensive) ที่มีการเปลี่ยนแปลงจากระดับโลก สู่ภูมิภาค เป็นเหตุที่มาของปัญหาที่นำไปสู่ความท้าทายและภัยคุกคามที่ประเทศต้องเผชิญ (จากการบรรยายเบื้องต้น)

ให้ท่านถกแถลงถึงเหตุ (events) ครอบคลุมมิติตาม STEEP-M ที่ส่งผลกระทบต่อทั้งทางบวก (+) และทางลบ (-) ซึ่งเป็นความท้าทายด้านความมั่นคงต่อประเทศไทย

ผลลัพธ์ที่ต้องการ: ประเด็นความมั่นคงที่มากกว่าการทหาร และเห็นแนวโน้มของสถานการณ์ความมั่นคงโลกจากการเปลี่ยนแปลงระเบียบโลกใหม่ ที่จะนำไปสู่การปรับตัวต่อสถานการณ์ด้านความมั่นคงโลกปัจจุบัน



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Day 2

July 11, 2023



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Topic Overview

Critical Thinking And Strategic Thinking

Dr. Alexander Vuving

Overview

Critical thinking and strategic thinking are key skills for successful leaders. Humans are evolutionarily wired to think critically and strategically, but only to some extent. To be more successful than the average, we must hone these skills. The essence of critical thinking is to be aware of the biases and limits of our cognition, to be ready to change perspectives, and to look at things from all angles. There are many tools to sharpen our critical thinking, some of which will be presented in this lecture.

Strategic thinking is different from both tactical thinking and strategic planning. Contrary to popular belief, strategy is not a plan and not even a master plan. This lecture puts forward the vision of strategy as a process, a framework, and an ecosystem. This vision of strategy takes into account the fact that we are living and interacting in a volatile, uncertain, complex, and ambiguous (VUCA) environment. Such an environment is characterized by the continual change of its powerful currents, the multi-mindedness of its actors, and the interdependence of its parts.

Strategic thinking in a VUCA environment is the art of getting what you want, knowing that others are also trying to get what they want, that the environment is changing, and that almost everything in the environment is interdependent.

Strategic thinking is a mindset that (1) persists with an ultimate end but is flexible in terms of the ways, means, and intermediate goals to achieve the end, (2) always keeps the big picture in mind, (3) takes the long view, (4) embraces systems thinking, (5) espouses critical thinking, (6) is creative, and (7) is highly adaptive.

The lecture will illustrate these points with case studies related to a regional hotspot in Southeast Asia and the Ukraine conflict.

Objectives

- Understand the need for and the essence of critical thinking as well as the major ways to sharpen critical thinking,
- Understand the need for and the concept of strategic thinking,
- Understand the key dimensions of strategic thinking in a volatile, uncertain, complex, and ambiguous environment.

Recommended Readings

- “Become a Better Critical Thinker with These 7 Critical Thinking Exercises,” <https://able.ac/blog/critical-thinking-exercises/>
- Kate Colwell, “How to Test your Assumptions in 3 Steps,” <https://prescient2050.com/3-steps-to-test-your-assumptions/>
- Andrew Monaghan and Florence Gaub, “Strategic Foresight and the War in Ukraine,” RUSI Commentary, April 6, 2022, <https://rusi.org/explore-our-research/publications/commentary/strategic-foresight-and-war-ukraine>
- Katarzyna Piórkowska, Anna Witek-Crabb, Janusz M. Lichtarski, Maciej Wilczynski, Sylwia Wrona, “Strategic Thinkers and their Characteristics: Toward a Multimethod Typology Development,” *International Journal of Management and Economics*, 57 (4), 2021: 313–330, <https://sciendo.com/article/10.2478/ijme-2021-0024>
- Alexander L. Vuving, “The Strategic Environment of the US-Australia Alliance in the Indo-Pacific Era,” in Scott D. McDonald and Andrew T.H. Tan (eds.), *The Future of the United States-Australia Alliance: Evolving Security Strategy in the Indo-Pacific* (London: Routledge, 2021), <https://osf.io/preprints/socarxiv/xbtq6/>



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Topic Overview

Strategic Communication

Prof. Mary Markovinovic

Overview

Every great strategic plan must have a communication element. Strategic Communication is a holistic approach to communication, bringing together leadership, public affairs, operators, and other key stakeholders to drive an audience to action. In many cases, it is a long-term plan, based on interests or values, but can also be used for shorter-term projects where influencing action is needed. In this presentation, we'll be looking at the elements of a strategic communication plan including messaging and several case studies.

Objectives

- Understand the importance of putting strategic thoughts into strategic communication.
- Understand the basics of developing a strategic communication plan

Recommended Readings

Useful resources for strategic messaging:

- NATO StratCom Center for Excellence <http://stratcomcoe.org/>
- Communications for Leaders in a Crisis (CDC publication)
- UN Strat Com Booklet
- WHO Strategic Communication Guide



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Topic Overview

Climate Change

Ms. Rosarin Amornpitakphan

The director of measure and mechanism development group,
the Office of Natural Resources and Environmental Policy and Planning,
Ministry of Natural Resources and Environment

Overview

- Gain knowledge and realize the climate change crisis that affect natural resources, environment and security

Lecture scope

- Climate change and security of Thailand such as food, health, water and migration etc.
- Trend of climate crisis, intensity of the impact and preparation for El Niño in Thailand
- Coping Approaches of Thailand to climate crisis



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“Workshop 2”

วัตถุประสงค์: เพื่อฝึกการแก้ไขปัญหาเฉพาะพื้นที่ โดยใช้กระบวนการคิดเชิงยุทธศาสตร์

กล่าวนำ: (สถานการณ์สมมติ Climate Change)

ประเทศไทยประสบสภาวะ Super El Niño ทำให้เกิดภาวะแห้งแล้งรุนแรง เช่นเดียวกับหลายประเทศในภูมิภาค เช่น เวียดนามเกิดภาวะขาดแคลนน้ำในเขื่อนจนกระทั่งไม่สามารถผลิตกระแสไฟฟ้าได้ ส่งผลกระทบต่อภาคการเกษตรและอุตสาหกรรม จนเกิดการย้ายฐานการผลิตออกประเทศ ทำให้ประเทศประสบกับสภาวะขาดแคลนอาหาร พลังงาน และการลงทุนอย่างรุนแรง

สำหรับประเทศไทย สภาวะแห้งแล้งอย่างต่อเนื่อง รุนแรง และฉับพลัน ส่งผลกระทบต่อปริมาณน้ำในเขื่อนและแหล่งน้ำตามธรรมชาติลดลงอย่างมากด้วยเช่นกัน และส่งผลให้แหล่งผลิตข้าวในภาคกลางตอนล่างและอุตสาหกรรมที่จำเป็นต้องใช้น้ำปริมาณมาก เช่น อุตสาหกรรมด้านปศุสัตว์

นอกจากนี้ ในอนาคตข้างหน้า ระดับน้ำทะเลที่สูงขึ้น (Sea level rise) ยังทำให้ปริมาณน้ำเค็มไหลเข้ามาในพื้นที่ภาคกลางตอนล่าง ส่งผลให้พื้นที่เพาะปลูกถูกรบกวนด้วยน้ำเค็ม เป็นผลให้ปริมาณผลผลิตข้าว/ปาล์มน้ำมัน กระทบไม่เพียงพต่อการบริโภคภายในประเทศ และไม่สามารถส่งออกข้าวสู่ต่างประเทศได้ และพื้นที่อยู่อาศัยของประชาชนถูกแทนที่ด้วยน้ำทะเล

กำหนดสถานการณ์ :

จากการประมาณการสถานการณ์ว่า พื้นที่ภาคกลางตอนล่าง จำนวน 11 จังหวัด ประกอบด้วย จังหวัด ปทุมธานี อยุธยา อ่างทอง สิงห์บุรี อุทัยธานี นครสวรรค์ พิจิตร พิษณุโลก สุพรรณบุรี และปราจีนบุรี ซึ่งเป็นพื้นที่การเกษตรที่สำคัญของประเทศ มีพื้นที่เพาะปลูกข้าวกว่า 8 ล้าน 5 แสนไร่ (ตามแผนที่ประกอบ) และพื้นที่อุตสาหกรรม จากสถานการณ์เบื้องต้น ส่งผลให้เกิดการขาดแคลนแหล่งน้ำในชั้นวิกฤติ และปรากฏการณ์น้ำเค็มรุกเข้าพื้นที่ ไม่ทำการเพาะปลูกหรือดำเนินธุรกิจได้

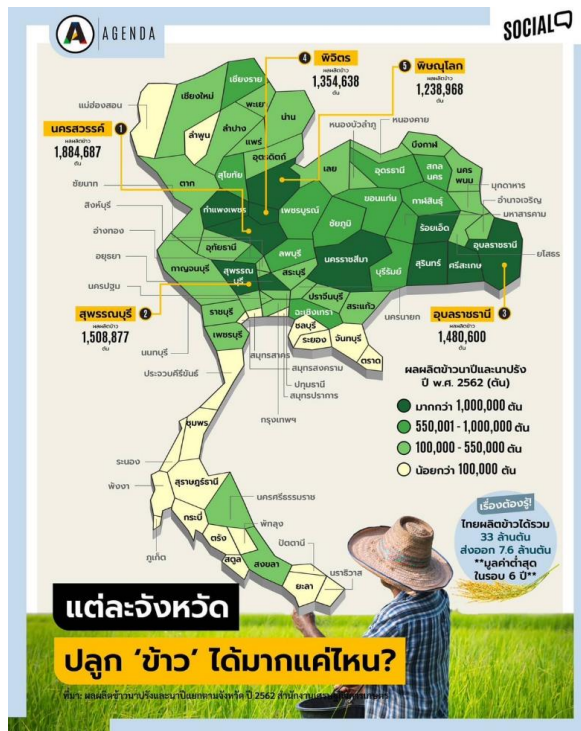
บ่งการ:

จากสถานการณ์ดังกล่าว ให้ท่านใช้กระบวนการ Strategic Thinking ในการกำหนดแผนงานการปฏิบัติ เพื่อกำหนดเป็นข้อเสนอแนะเชิงนโยบายต่อไป

ผลลัพธ์ที่ต้องการ: ความเข้าใจในกระบวนการ Strategic Thinking ที่นำไปใช้อย่างมีระบบและเกิดการบูรณาการ

1. สถานการณ์ (Situation)

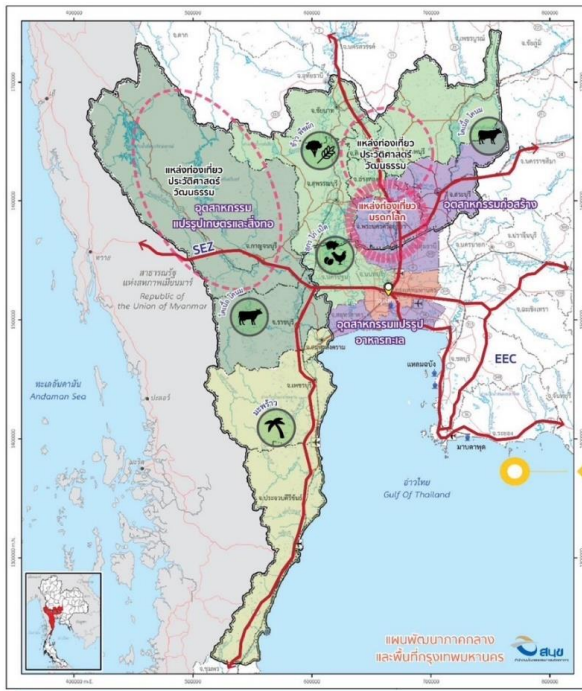
จากการประมาณการสถานการณ์ว่า พื้นที่ภาคกลางตอนล่าง จำนวน 11 จังหวัด ประกอบด้วย จังหวัด ปทุมธานี อยุธยา อ่างทอง สิงห์บุรี อุทัยธานี นครสวรรค์ พิจิตร พิษณุโลก สุพรรณบุรี และปราจีนบุรี ซึ่งเป็นพื้นที่การเกษตรที่สำคัญของประเทศ มีพื้นที่เพาะปลูกข้าวกว่า 8 ล้าน 5 แสนไร่ ตามแผนที่ประกอบ



ข้าวนปี: เนื้อที่เพาะปลูก เนื้อที่เก็บเกี่ยว ผลผลิต และผลผลิตต่อไร่ ระดับประเทศ ภาค และจังหวัด
ปีเพาะปลูก 2564/65 ที่ความชื้น 15%

| ประเทศ/ภาค/จังหวัด | เนื้อที่เพาะปลูก (ไร่) | เนื้อที่เก็บเกี่ยว (ไร่) | ผลผลิต (ตัน) | ผลผลิตต่อไร่ (กก.) | |
|-----------------------|---------------------------|-----------------------------|-----------------|--------------------|------|
| | | | | ปลูก | เก็บ |
| รวมทั้งประเทศ | 63,012,636 | 60,261,293 | 26,806,578 | 425 | 445 |
| ภาคเหนือ | 15,075,967 | 14,384,537 | 8,123,093 | 539 | 565 |
| ภาคตะวันออกเฉียงเหนือ | 38,684,085 | 36,842,965 | 13,329,299 | 345 | 362 |
| ภาคกลาง | 8,510,905 | 8,306,616 | 5,017,876 | 590 | 604 |
| ภาคใต้ | 741,679 | 727,175 | 336,310 | 453 | 462 |

ประกอบกับการมีพื้นที่อุตสาหกรรม ที่เชื่อมต่อกับเขตเศรษฐกิจพิเศษ EEC ภาคตะวันออก ดังภาพ



**พัฒนากรุงเทพฯ สู่มหานครทันสมัย
เป้าหมาย
และ ภาคกลางเป็นฐานการผลิต
สินค้าและบริการที่มีมูลค่าสูง**

- ① พัฒนากรุงเทพฯ เป็นมหานครทันสมัยระดับโลก ควบคู่กับการพัฒนาภาพชีวิตและแก้ไขปัญหาสิ่งแวดล้อมเมือง
- ② พัฒนาความแหล่งท่องเที่ยวที่มีชื่อเสียงระดับนานาชาติ และสร้างเชื่อมโยงเพื่อการกระจายการท่องเที่ยวทั่วทั้งภาค
- ③ ยกระดับการผลิตสินค้าเกษตรและอุตสาหกรรมโดยใช้นวัตกรรม เทคโนโลยีและความคิดสร้างสรรค์ เพื่อให้สามารถแข่งขันได้อย่างยั่งยืน
- ④ เปิดประตูการค้า การลงทุน และการท่องเที่ยวเชื่อมโยงเขตเศรษฐกิจพิเศษทวาย-ภาคกลาง-ระเบียงเศรษฐกิจภาคตะวันออก
- ⑤ พัฒนาความเชื่อมโยงเศรษฐกิจและสังคมกับทุกภาค เพื่อเสริมสร้างเสถียรภาพและลดความเหลื่อมล้ำภายในประเทศ
- ⑥ บริหารจัดการน้ำและทรัพยากรธรรมชาติเพื่อแก้ไขปัญหา น้ำท่วม กภัยแล้ง และคงความสมดุลของระบบนิเวศอย่างยั่งยืน

โครงการสำคัญ

- โครงการพัฒนาและส่งเสริมการท่องเที่ยวเชิงประวัติศาสตร์ วัฒนธรรม
- โครงการพัฒนาและส่งเสริมการเกษตร
- โครงการบริหารจัดการทรัพยากรน้ำ
- โครงการส่งเสริมการค้าชายแดน

การประกาศของศูนย์พยากรณ์สภาพอากาศ (Climate Prediction Center) แห่งองค์การบริหารสมุทรศาสตร์และบรรยากาศแห่งชาติสหรัฐอเมริกา (National Oceanic and Atmospheric Administration: NOAA) ได้ออกรายงานเตือนภัยเอลนีโญ “El Nino watch” ว่าประเทศไทยเป็นหนึ่งในประเทศที่ต้องประสบกับสภาวะ Super El Niño

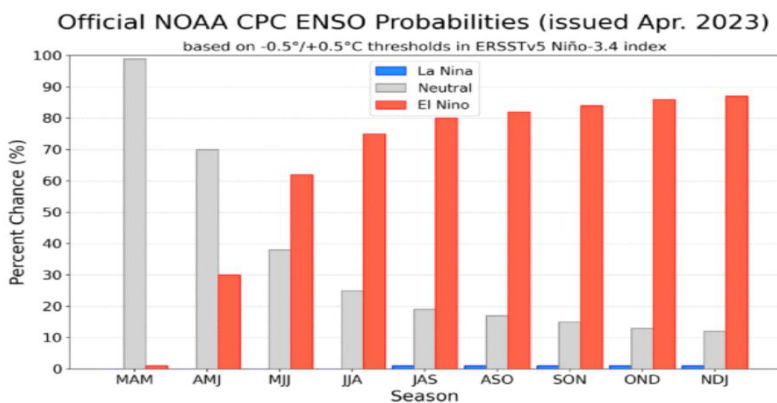


Figure 7. Official ENSO probabilities for the Niño 3.4 sea surface temperature index (5°N - 5°S , 120°W - 170°W). Figure updated 13 April 2023.

ส่งผลให้เกิดภาวะแห้งแล้งรุนแรงเช่นเดียวกับหลายประเทศในภูมิภาค เช่น เวียดนาม เกิดภาวะขาดแคลนน้ำในเขื่อนจนกระทั่งไม่สามารถผลิตกระแสไฟฟ้าได้ ส่งผลต่อภาคการเกษตรและอุตสาหกรรม จนเกิดการย้ายฐานการผลิตออกนอกประเทศ ทำให้ประเทศประสบกับสภาวะขาดแคลนอาหาร พลังงาน และการลงทุนอย่างรุนแรง นั้น

อาจทำให้ประเทศไทยตกอยู่ในสภาวะแห้งแล้งอย่างต่อเนื่อง รุนแรง และฉับพลัน ส่งผลต่อปริมาณน้ำในเขื่อนและแหล่งน้ำตามธรรมชาติลดลง เป็นเหตุให้แหล่งผลิตข้าวในภาคกลางตอนล่างและอุตสาหกรรมที่จำเป็นต้องใช้น้ำปริมาณมากได้รับผลกระทบ

นอกจากนี้ สภาวะแห้งแล้งยังเป็นเหตุให้ระดับน้ำทะเลสูงขึ้น (Sea level rise) ปริมาณน้ำเค็มไหลเข้ามาในพื้นที่ภาคกลางตอนล่าง ส่งผลให้พื้นที่เพาะปลูกถูกรบกวนด้วยน้ำเค็ม เป็นผลให้ปริมาณผลผลิตข้าว/ปีลดลง กระทั่งไม่เพียงพอต่อการบริโภคภายในประเทศ และไม่สามารถส่งออกข้าวได้



จากสถานการณ์เบื้องต้น ส่งผลให้เกิดการขาดแคลนแหล่งน้ำในชั้นวิกฤติ และปรากฏการณ์น้ำเค็มรุกเข้าพื้นที่ ไม่ทำการเพาะปลูกหรือดำเนินธุรกิจได้

บ่งการ: ท่านเป็นฝ่ายเสนาธิการของกองกำลังเฉพาะกิจฉุกเฉิน (Emergency Task Forces) ของนายกรัฐมนตรีที่จะต้องทำการวางแผนแก้ปัญหาสถานการณ์ที่เกิดขึ้นดังกล่าว โดยใช้กระบวนการ Strategic Thinking ในการวางแผนงาน ผลลัพธ์สุดท้ายที่ต้องการ คือ ทุกกลุ่มบรรยายสรุปแผนเผชิญเหตุในการแก้ปัญหาดังกล่าว ต่อนายกรัฐมนตรี

2. กระบวนการค้นหาคำตอบ

ให้แต่ละกลุ่มตอบคำถาม ทั้ง 3 ข้อ ดังนี้

I. What should be the goals of a strategic plan to respond to the threat?

▪ การระบุปัญหาที่เกิดขึ้น (Identify Problems)

วิเคราะห์ ปัญหา (Discuss 2 or 3 possible scenarios/ Assess opportunities and select a scenario) จากสถานการณ์ที่เกิดขึ้นทำให้เกิดปัญหาที่ส่งผลกระทบต่อ.....ทั้งในด้านสังคม วัฒนธรรม / เทคโนโลยี/ เศรษฐกิจ/ สิ่งแวดล้อม/ ด้านความมั่นคง (การเมือง และการทหาร) ที่อาจเกิดขึ้นจากฉากทัศน์ที่มีความเป็นไปได้

▪ กำหนดเป้าหมาย (Goal)

เป้าหมาย (Goal) ในการแก้ปัญหา:

II. Who (what agencies, ministries and stakeholders) should be part of the Task Force?

▪ การวิเคราะห์ผู้มีส่วนเกี่ยวข้องทั้งหมด (Stakeholders Analysis)

จากการระบุปัญหาที่เกิดขึ้น (Identify Problems) ข้างต้น สามารถนำ มาวิเคราะห์ผู้มีส่วนเกี่ยวข้องทั้งหมด (Stakeholders Analysis) โดยแบ่งหน่วยงานที่รับผิดชอบตามกลุ่มปัญหาได้ดังรายละเอียดต่อไปนี้

1. หน่วยงานที่รับผิดชอบในกลุ่มปัญหาระดับนโยบาย
2. หน่วยงานที่รับผิดชอบในกลุ่มปัญหาระดับภูมิภาค
3. หน่วยงานที่รับผิดชอบในกลุ่มปัญหาระดับพื้นที่

III. Which agency should be the communications lead and how will they share information?

- การสื่อสารเชิงยุทธศาสตร์ (Strategic Communication)

*ข้อมูลเพิ่มเติม

➤ <https://thaipublica.org/2023/04/super-el-nino-likely-by-yearend/>

Recommended Timeline for the Emergency Task Force

- 1330 – 1345 Exercise and scenario introduction.
- 1345 – 1415 Setting the Goal (Intend) / Identify the problem and select a systems' approach for its assessment.
- (Note: Domain mapping or actor-network diagrams can provide an accessible approach)
- 1415 – 1500 Discuss 2 or 3 possible scenarios for the system over time through impact + 1 week.
- Assess opportunities and select a scenario to manage the system to achieve your intended outcome.
- 1500 – 1530 Coffee break
- 1530 – 1545 Based on your assessment, develop answers to the P.M.'s questions.
- Select a task force member to brief the P.M. and another to draft the press statement.
- 1545 – 1600 Prepare a briefing of your findings for the Prime Minister that addresses his 3 questions.
- Prepare a draft press statement. (Keep your briefing to 5 minutes).
- 1600 – 1700 Breakout groups brief the P.M. and present their press statement.
- Q & A, and discussion.



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Security Studies



Strategic Studies Center,
National Defence
Studies Institute

Senior Security Studies Program

Bangsaen, Chonburi

July 10 - 14, 2023

Day 3

July 12, 2023



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Strategic Studies Center,
National Defence
Studies Institute

Senior Security Studies Program

Bangsaen, Chonburi

July 10 - 14, 2023

Topic Overview

New Security Challenges on the Cyber Domain

Mr. Prinya Hom-anek

Overview

Cyber threats have increased as Thailand enters the digital age, with technology and online transactions driving almost all activities. Technology is not only convenient but it also allows the nation to speed up processes in a variety of activities such as communication, work and business

Nonetheless, convenience is accompanied by the dangers lurking in the online world, such as fraud and online crime, phoney call centre gangs, investment scams – online fundraising and financial scams, online gambling, trading scams, illegal websites and so on. Unfortunately, these issues continue to worsen.

Objectives

- Understand the emerging of Cyber threats and the dangers in the online world.
- Understand the impact of Cyber threats to Society and human person.

Lecture Scope

- Emerging of new Cyber threats
- The trend of dangers lurking in the online world
- The impact of new Cyber Threats



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July 10 - 14, 2023

Topic Overview

Space Security

Dr. Alfred Oehlers

Description.

The strategic importance of space is increasingly recognized by Indo-Pacific nations. Space is a key domain with applications affecting nearly every aspect of human life. For many countries, space offers crucial pathways to technological advancement and economic development. Space, in addition, holds vital significance to national security. Reflecting this multifaceted significance, space will increasingly be an issue to be discussed and debated in the international arena. The resolution of differences and search for common ground to protect space as a commons accessible to all nations, will require skillful diplomacy. This presentation will provide an introductory overview to the significance of space, the challenges and opportunities for cooperation, and the range of diplomatic and other arrangements in the Indo-Pacific that might be harnessed for building multinational consensus.

Objectives.

1. Provide an introductory overview of the strategic significance of space in the Indo-Pacific.
2. Highlight the challenges but also opportunities for international cooperation and collaboration in space.
3. Outline a range of diplomatic and other arrangements that might be harnessed to advance space cooperation and collaboration in the Indo-Pacific.

Resources.

1. World Economic Forum, “Crowding and Competition in Space”, Chapter 5 in The Global Risks Report 2022, Geneva: World Economic Forum, pp. 70-79.
2. National Air and Space Intelligence Center, Competing in Space, December 2018.
3. Indo-Pacific Defense Forum, “Indo-Pacific Space Age”, Indo-Pacific Defense Forum, June 15, 2020.
4. KPMG International and the Space Foundation, Navigating Space: A Vision for Space in Defense, August 2021.
5. Christopher Johnson (ed.), Handbook for New Actors in Space, Secure World Foundation, 2021.
6. Robert Wilson, Michael Gleason, Samira Patel and Luc Riesbeck, The Value of Space, The Aerospace Corporation, May 2020.
7. Blaine Curcio, “Thailand’s Space Ambitions Illustrate Southeast Asia’s Rising Space Sector”, SpaceRef, June 14, 2023.



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Senior Security Studies Program

Bangsaen, Chonburi

July 10 - 14, 2023

“Workshop 3”

New Security Challenges in the Cyber Domain

วัตถุประสงค์: เพื่อศึกษาถึงอันตรายที่แฝงตัวอยู่ในโลกออนไลน์ และปัจจัยที่อยู่เบื้องหลังภัยคุกคามเหล่านี้ซึ่งจะส่งผลกระทบต่อความมั่นคงของประเทศในทุกมิติ (STEEP-M)

กล่าวนำ:

ภัยคุกคามทางไซเบอร์เพิ่มขึ้นเมื่อประเทศไทยเข้าสู่ยุคดิจิทัล โดยมีเทคโนโลยีและธุรกรรมออนไลน์เป็นตัวขับเคลื่อนกิจกรรมเกือบทั้งหมด เทคโนโลยีไม่เพียงแต่อำนวยความสะดวก แต่ยังทำให้ประเทศชาติสามารถเร่งกระบวนการต่างๆ ในกิจกรรมต่างๆ เช่น การสื่อสาร การทำงาน และธุรกิจ

อย่างไรก็ตาม ความสะดวกสบายยังมาพร้อมกับอันตรายที่แฝงตัวอยู่ในโลกออนไลน์ เช่น การฉ้อโกงและอาชญากรรมออนไลน์ แก๊งคอลเซ็นเตอร์ปลอม กลโกงการลงทุน – การระดมทุนออนไลน์ และการหลอกลวงทางการเงิน การพนันออนไลน์ กลโกงการซื้อขาย เว็บไซต์ที่ผิดกฎหมาย และอื่นๆ นำเสียดายที่ปัญหาเหล่านี้ยังคงเลวร้ายลง

บ่งการ:

ถกแถลงผลกระทบถึงภัยคุกคามใหม่ที่แฝงตัวอยู่ในโลกออนไลน์ และปัจจัยที่อยู่เบื้องหลังภัยคุกคามเหล่านี้ อันจะส่งผลกระทบต่อความมั่นคงของประเทศในทุกมิติ (STEEP-M)

- อะไรคือแรงผลักดัน (Driving Force) และปัจจัย (Factors) ของภัยคุกคามใหม่นี้ โดยวิเคราะห์ทั้งในระดับโลก ระดับภูมิภาค และ ในประเทศ
- เราจะมียุทธศาสตร์ และแนวทางอย่างไร เพื่อรับมือกับภัยคุกคามทางไซเบอร์รูปแบบใหม่นี้

ผลลัพธ์ที่ต้องการ: วิเคราะห์และทราบถึงปัจจัยและแรงผลักดัน (Driving Forces) ต่อปัญหาภัยคุกคามออนไลน์แบบใหม่ที่ส่งผลกระทบต่อสังคมและบุคคล โดยมองตั้งแต่ภาพใหญ่ในระดับโลก ระดับภูมิภาค และปัจจัยภายในประเทศ



Daniel K. Inouye
Asia-Pacific Center for
Security Studies



Strategic Studies Center,
National Defence
Studies Institute

Senior Security Studies Program

Bangsaen, Chonburi

July 10 - 14, 2023

Day 4

July 13, 2023



Daniel K. Inouye
Asia-Pacific Center for
Security Studies



Strategic Studies Center,
National Defence
Studies Institute

Senior Security Studies Program

Bangsaen, Chonburi

July 10 - 14, 2023

Topic Overview

Economic & Security

Prof. Timothy Buehrer, PhD

Overview

The U.S. National Defense Strategy emphasizes that security is not simply a matter of having a strong national military. Instead a comprehensive approach to security requires a broad and integrated effort to apply all national instruments of power in collaboration with allies and partners. This lecture focuses on the role of economics in promoting national security. This has both internal and external implications. Internally, a country's strength is deeply dependent on its prosperity and the degree to which that prosperity is fairly distributed. Externally, countries can use economic tools to promote geopolitical ends. This is often called *geo-economics*. Whether it is the CHIPS and Science Act, trade agreements, or economic sanctions, countries exercise economic tools to promote security and to counter the actions of other countries. We will examine these *geo-economic* strategies as well as those of other countries to help you to better understand how these tools are part of the a national security strategy.

Objectives

- Examine the various ways that economics contributes to security.
- Discuss economic tools, particularly tools of cooperation, that countries use for geopolitical ends and how those tools can be countered.
- Identify how security planners can work with other parts of the government to exercise economic tools as part of an integrated strategy.

Discussion Prompts

- What kinds of tools do countries have at their disposal to expand economic linkages with other countries?
- How can countries coordinate regionally to amplify the impact of economic tools? Is the Indo-Pacific Economic Framework for Prosperity a good example of such an effort? RCEP?
- What kind of policies can countries use to reduce the impact of negative economic coercion and how does that change the geopolitical efficacy of economic tools and sanctions?

Read/Watch Ahead

East Asia Forum Editorial Board, “The Strategic Significance of RCEP in East Asia,” Crawford School of Public Policy, The Australian National University, 28 March 2022, The strategic sig <https://www.eastasiaforum.org/2022/03/28/the-strategic-significance-of-rcep-in-east-asia>

Additional Resources

1. Troxell, John F., “Goeconomics,” <https://www.armyupress.army.mil/Journals/Military-Review/English-Edition-Archives/January-February-2018/Goeconomics/>
2. Council of Foreign Relations, What is Globalization? Understand our Interconnected World, <https://world101.cfr.org/global-era-issues/globalization/what-globalization/>;
3. The Atlantic Council, Goeconomics Center, Economic Statecraft Initiative, <https://www.atlanticcouncil.org/programs/geoeconomics-center/economic-statecraft-initiative/>;
4. Infographics: Visual Capitalist (especially the “markets” and “money” sections): www.visualcapitalist.com;
5. Data on U.S. foreign assistance: www.foreignassistance.gov;
6. Why China's Economic Intimidation Isn't So Scary (foreignpolicy.com), September 2021.
7. Whitehouse, “Indo-Pacific Strategy of the United States,” <https://www.whitehouse.gov/wp-content/uploads/2022/02/U.S.-Indo-Pacific-Strategy.pdf>
8. Goodman, Matthew P., Benson, Emily and Arasasingham, Aidan, “Unpacking the Indo-Pacific Economic Framework Launch,” CSIS, May 23, 2022, <https://www.csis.org/analysis/unpacking-indo-pacific-economic-framework-launch>;
9. Kurt Campbell & Rosh Doshi, How America Can Shore Up Asian Order, <https://www.foreignaffairs.com/articles/united-states/2021-01-12/how-america-can-shore-asian-order>;



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July 10 - 14, 2023

Topic Overview

Blue Economy

Prof. Timothy Buehrer, PhD

Overview

According to the UN, 40% of the world's population lives near coastal areas, more than 3 billion people utilize the oceans for their livelihood, and 80% of world trade is achieved using the seas. In addition, oceans contribute significantly to food security and are a significant source of protein for many countries. Once viewed as inexhaustible sources of resources for human populations, over exploitation, pollution, and the climate change are having a significant impact upon the sustainability of ocean activities. For example, over 35% of fisheries stocks are over fished and micro plastics are found throughout our oceans. The good news is that with proper management, the ocean can recover and larger, sustainable yields can be obtained. The challenge is how to accomplish this. Oceans, particularly the high seas, are at risk of falling victim to the tragedy of the commons where, absent coordination, resources are over utilized harming everyone in the long run. Addressing this issue is a critical part of a blue economy strategy but only part of the solution. Globally the United Nations Convention on the Law of the Sea was an attempt to begin to better manage the oceans but more needs to be done. This lecture will explore the challenges facing Thailand the world in sustainably managing ocean resources.

Objectives

- Examine the role ocean resources play in our economies.
- Discuss the UN Convention on the Law of the Sea and its implications for the blue economy.
- Develop a better understanding of the tragedy of the commons and how collective action can address it with respect to ocean resources.

Discussion Prompts

- How important is the ocean to Thailand?
- What would a blue economy strategy for Thailand look like?
- Are there opportunities to collaborate within ASEAN and other forums to promote a sustainable blue economy and avoid the tragedy of the commons?

Read/Watch Ahead

1. One Minute Economics, “Tragedy of the Commons Explained in One Minute,” <https://www.youtube.com/watch?v=jSuETYEgY68>
2. United Nations Regional Information Centre for Western Europe, “Blue Economy: Oceans as the next great economic frontier.” <https://unric.org/en/blue-economy-oceans-as-the-next-great-economic-frontier/#:~:text=Some%20countries%20have%20also%20taken,focus%20on%20the%20shipping%20industry>

Additional Resources

1. Partnerships in Environmental Manage for the Seas of East Asia, “National State of the Oceans and Coasts 2018: Blue Economy Growth of Thailand,” [http://pemsea.org/sites/default/files/NSOC%20Thailand%202018%20\(FINAL\)%2012032020.pdf](http://pemsea.org/sites/default/files/NSOC%20Thailand%202018%20(FINAL)%2012032020.pdf)
2. ASEAN Leaders’ Declaration on the Blue Economy, 2021, <https://asean.org/wp-content/uploads/2021/10/4.-ASEAN-Leaders-Declaration-on-the-Blue-Economy-Final.pdf>
3. Pacific Islands Forum Secretariat, “2050 Strategy for the Blue Pacific Continent,” <https://www.forumsec.org/wp-content/uploads/2022/08/PIFS-2050-Strategy-Blue-Pacific-Continent-WEB-5Aug2022.pdf>



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Bangsaen, Chonburi

July 10 - 14, 2023

Topic Overview

Impact of International Relations on Regional Security

Mr. Chettaphan Maksamphan

Director-General of The Department of American and South Pacific Affairs

Regional Scope – The Indo-Pacifics

- Why is it important?
 - Thailand's location, as well as our neighbours, ally and friends.
 - It is where the security hotspots situate with interplay of major powers' rivalry (South China Sea claims, Taiwan, the Korean Peninsula) in terms of maritime territorial contention and for freedom of navigation that is vital to energy, maritime, and economic security.
 - All the world's super/major powers have strategies specifically for this region.
 - United States' Indo-Pacific Strategy and IPEF
 - China's Global Development Initiative (GDI) and Global Security Initiative (GSI) and the Belt and Road Initiative (BRI)
 - EU's Joint Communication on the EU strategy for Cooperative in the Indo-Pacific
 - Australia's 2023 Defense Strategic Review and the drafting of Southeast Asia Economic Strategy to 2040
 - ASEAN Outlook on Indo-Pacific (AOIP)

International Relations

- Currently, international relations is guided by the 'New World Order'

- Political - Shift from hegemony to bi-polarism/multi-polarism and minilateralism, which weaken multilateral system, etc.
- Economic – global supply chain disrupted by COVID-19,
- RUS vs UKR war and US-China rivalry = “Glocalisation”/
- fragmented globalisation, de-risking/de-coupling, onshoring/ nearshoring/ friendshoring
- Regional Competition – US & Allies vs China / US vs Russia
- Regional Hotspots – The Korean Peninsula, Taiwan, South China Sea, Myanmar, etc.
- Superpowers’ Relationship (US and China)
 - Competition in all dimensions
 - 3T – Trade , Technology, and Territory (mostly maritime/ freedom of navigation (tested by both maritime touring and joint military exercise = chance of triggering confrontation)
 - Ideology and moralisation of global politics - the present rhetoric regarding the RUS – UKR war./ the fall of UN-led multilateralism, especially at the UNSC?
 - Narratives portraying each other as threats, ‘Rise of China’, ‘Attempts to contain China’ or accusing the West of having ‘Cold War mentality’ (re. QUAD/ AUKUS).
 - Deeply intertwined mutual benefits, especially in terms of economics but there are only a few areas for “true” cooperation, such as climate change, green energy.
- Regional powers’ Relationship (ASEAN/TAC, PIF)
 - ASEAN : strengths – relations with dialogue partners, all of which are major powers/ weaknesses - ASEAN centrality challenged by minilateralism, unified voice on situation on Myanmar
 - Both superpowers exerting influence over PIF countries seen through development assistances and high-level visits.
- Groupings that affects regional security
 - AUKUS - Australia acquiring nuclear-powered submarine, increased submarine present in indo-pacific, potential lead to arms race?
 - QUAD – Allies aiming at containing China

Role of Thailand/Utilising Thailand’s Strengths

- Thailand as a team player - Regional player and a key member of ASEAN (Shares risks and benefits with countries in the region)

- Thailand as a friend, not an enemy - good relationships/engagement with both superpowers
- Thailand as a balancer/connecter - connecting mutual benefits, balancing conflicts. Not choosing sides.
- Thailand shares risks and benefits with other countries in the region.

Some questions to ask ourselves

- How does the current geopolitical situation affect Thailand?
- What should be Thailand's foreign and defense policy regarding regional security in the current geopolitical context?



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July 10 - 14, 2023

“Workshop 4”

Thursday 13, 2023

1330-1500

Workshop IV

Economic & Transnational Security

วัตถุประสงค์: เพื่อศึกษาความมั่นคงทางเศรษฐกิจของโลก เศรษฐกิจทางทะเล และสถานการณ์ความสัมพันธ์ระหว่างประเทศในปัจจุบันที่ส่งผลกระทบต่อความมั่นคงในภูมิภาคและประเทศไทย (ตามลำดับความสำคัญ)

กล่าวนำ:

- การนำเสนอโดย Dr. Timothy Buehrer DKI APCSS เรื่อง “Economic security” และ Blue economy” และ
- การนำเสนอโดย คุณ เชษฐพันธ์ มากสัมพันธ์ อธิบดีกรมอเมริกาและแปซิฟิกใต้ เรื่อง “International Relationship Impact on regional security”

ป้งการ:

- ถกแถลงผลกระทบในเรื่อง Economic security” Blue economy และ “International Relationship Impact on regional security” (ที่ได้รับข้อมูลจากการบรรยาย) ต่อภูมิภาคและประเทศไทยให้ครอบคลุมมิติตาม STEEP-M

ผลลัพธ์ที่ต้องการ: ให้วิเคราะห์และทราบถึงปัญหาจากการแข่งขันทางเศรษฐกิจของโลก เศรษฐกิจทางทะเล และสถานการณ์ความสัมพันธ์ระหว่างประเทศที่อาจจะพัฒนาไปเป็นความขัดแย้ง / สงครามในรูปแบบใหม่ที่มีผลกระทบต่อความมั่นคงโดยรวมของชาติ

Strategic Studies Center Team



General Jumphon Chalerytoy (Retired)

GEN Jumphon Chalerytoy was born in 1959. He graduated from the Chulachomklao Royal Military Academy and joined the Royal Army in 1982 as an artillery officer. During his early career path as a young artillery officer, he had served in several units both combat and educational units.

From 1982 to 1995, his first commission as Field Artillery Forward Observer in the 8th Field Artillery Battalion of the 3rd Infantry Division, in the northeastern part of Thailand, Khon Khan province. Then, he was posted as the artillery instructor at the Artillery School, Artillery Center, Lopburi province before being assigned to the Light Infantry Division as the 9th Artillery Regiment S3, 19th Battalion XO, and Coordination Officer of the 9th Artillery Regiment. As for working outside the artillery corps, he had been posted in military staff and military education organizations, both at the Royal Thai Army Headquarters, and the Royal Thai Armed Forces Headquarters.

In the Army, he served as the instructor of Command and General Staff College since 1995. His last position before leaving the Royal Thai Army, was the Army Attache in Canberra, Australia, between 2003-2006.

Upon his return from Australia in late 2006 onwards until retirement, his military career was at the Royal Thai Armed Forces HQs. At the RTARF HQs, his jobs were mainly related to the policy and plans. He was appointed as the Director of Policy and Strategy Division, and subsequently the Deputy Director of Policy and Plans Office, Directorate of Joint Operation, before promoted to Major General as a Staff Officer to the Chief of Defence Forces in 2012.

Under the RTARF HQs, in 2014, he was assigned as a Director of School of Interdisciplinary Security Studies, National Defence College, National Defence Studies Institute.

Then, in 2015, he served as the Director of Strategic Studies Center (SSC), known as the 'Defence Think-Tank' organization, which providing strategic and security viewpoints and suggestions to the RTARF HQs, including related government agencies.

In 2016, he was promoted to 3-star General as an Adviser to the RTARF HQs. During two years onwards, he was assigned to supervise to the National Defence College and subsequently, as advisor at the office of the Chief of Defence Forces. At his final year, he was promoted to 4-star General as the Supervisor to National Defence Studies Institute, and working until final term of his career, in September 2019.

During his jobs at the RTARF headquarters, he had been very much involved with the national and military strategic development from military level up to government level.

His field duty experiences during posting at the combat units and special assignments. He had been posted as the operation officer of the Surasi Task Forces, at the Thai-Burmese Border between 1992 and 1995. He also assigned as a Combat Royal Guard during commissioned as a young officer, and as senior Royal Guard during the reign of King Bhumipol, Rama IX, since 2003 until 2017.

As for his education, General Jumphon Chalerytoy completed his major educations of both military and civilian degrees. In the country, he holds a Bachelor Degree of Science from Chulachomklao Royal Military Academy in 1982 before commissioning. Then, he also graduated from several military educational institutes, such as: Army Command and General Staff College in 1991, Army War College in 2002, and National Defence College in 2013. For the academic degree, he graduated from Thammasat University, Thailand, in 2003 in Master of Political Science (Diplomacy and International Relation).

His overseas educations. He graduated from the US Artillery School at Ft Sill, Oklahoma, in 1989, in Artillery Officer Advance Course and in Artillery Target Acquisition Survey Course. He also graduated from University of New South Wales, Australia, in 1997 in Master of Defence Studies.

Since retirement, he has been invited to give lectures in several defense educational institutes, such as Joint War College, and Strategic and Security Center, on the topics related to strategy development process. Currently, he is invited as an advisor to the educational organizations under National Defence Studies Institute.

He is now a member of the National Defence College Alumni Think Tank Foundation; a committee of Peace Network Foundation; and a Senior Volunteer for Brain Bank under the Office of National Economic and Social Development Council (ONESDC)

His hobbies besides reading, he has enjoyed his volunteer jobs, under an umbrella of ONESDC, in helping people in the field of human resource development at the rural areas in the north of Thailand.



General. Jerdwut Kraprayoon (Retired)

Advisor to Senate Committee on Military and
National Security

Birth Date: 2 January 1961

Education: B.S. Chula Chomklao Royal Military Academy
M.S. Industrial Engineering, University of Oklahoma, USA
Armor Officer Advance Course, Ft. Knox, Kentucky, USA
Command and General Staff College, RTA
Command and General Staff College, Ft. Leavenworth, Kansas, USA
Royal College of Defence Studies, London, UK
National Defence College, Thailand Class 53

Previous Position: Instructor, Command and General Staff College, RTA
Commander, 4th Armor Battalion
Assistant Army/Defence Attaché, Washington DC/ Military Advisor to
Thai Permanent Mission UN/NY
Staff Officer, Directorate of Joint Intelligence, RTAF
Staff Officer, Chief of Staff, RTAF
Staff Officer, Deputy Supreme Commander
Staff Officer, Supreme Commander
Director, Peace Operations Centre
Commander, Joint War College
Deputy Commanding General, National Defence Studies Institute
Special Advisor, Royal Thai Armed Forces HQ

Current Position : Advisor to Senate Committee on Military and National Security



Lieutenant General. Nopadon Mungkalaton, Ph.D.

(Retired)

- Advisory Committee, National Security Council of Thailand, 2022 - Present
- Specialist Assistant to Senator, National Assembly of Thailand, 2022 - Present
- Assistant Director for Academics, Security Management and Leadership for Executive Program, NDC Alumni Association, 2020 - Present

Military Educations:

- Armed Forces Academies Preparatory School, Class 22, 1979-81
- Chulachomkloa Royal Military Academy, Class 33, 1st year Army Scholarship Cadet, 1982
- Royal Military Academy Sandhurst, Class SMC 31, United Kingdom, 1983
- Command and General Staff College, Class 73, Royal Thai Army, 1995
- United Nations Staff Officer Course – UNSOC II, SWEDINT, Sweden, 1996
- National Defence College, Class 57, Thailand, 2014.

Civilian Educations:

- Bachelor of Science in Chemical Engineering, Case Western Reserve University, U.S.A., 1988
- Master of Defense Studies, The University of New South Wales, Australia, 2001
- Doctor of Philosophy in Development Administration (International Program), NIDA, Thailand, 2018

Special Training Courses:

- Executive Leadership Course, Cornell University, New York, U.S.A., 2010
- United Nations Peacekeeping Operation Contingent Commander Course, CCMR, U.S. Center of Excellence for Peacekeeping Study, Naval Postgraduate School, Monterey, California, U.S.A., 2012
- Program for Executives in Logistics and Technology (LOGTECH), The University of North Carolina at Chapel Hill, North Carolina, U.S.A., 2017

Major Appointments:

- Military Advisor to Permanent Mission of Thailand at UNNY, 2007 - 10
 - Deputy Superintendent, National Defence College, NDSI, 2016 – 19
 - Deputy Director of Intelligence, RTARF, 2019
 - Special Expert, RTARF, 2020
-

Special Appointments:

- United Nations Peacekeeping Operation in East Timor (UNTAET), 2001
 - Ceasefire Monitoring Mission in Aceh, Indonesia, 2003
 - Coalition Operations in Iraq, 2003
 - Advisory Committee to Prime Minister on Strategy and Security Policy, 2004
 - Aceh Monitoring Mission, 2005
 - Military Advisor to Permanent Mission of Thailand to the United Nations at New York, 2007-10
 - Sub-committee for Security Sector Reform & Governance Committee of the Senate, 2012
 - Assistant to the Secretary of the National Justice Reform Committee (Police), 2017
-

Areas of Interest:

- Public policies, national security policy and strategy, geopolitics, modern warfare, AI, human evolution & civilization, and philosophy.



General Apisak Sombutcharoennon

(Retired)

Secretary attached to the Committee on the Armed
Forces and National Security of the Senate

Service (Organization): Royal Thai Armed Forces Headquarters (RTARF)

Branch (Specialization): Artillery

Date of Birth: 29th August 1962

Place of Birth: Nonthaburi Province, Thailand

E-mail address: apisak07@gmail.com

Previous Assignments/Work Experience:

- Battery Commander / 711th Field Artillery Battalion, Artillery Division, Lopburi Province
- Staff officer G3/ 1st Army Area HQs
- Operations and Trainings officer/1st Army Area HQs
- 9th Artillery Battalion Commander, 9th Infantry Division, Kanchanaburi Province
- Artillery Affair Officer, 1st Army Area HQs
- Deputy Director Joint and Combine Training Division, Joint and Combined Exercise Planning Office (J7), RTARF
- Attach to Chief of Defence Forces' Office (Senior Col)
- Operation Officer, Directorate of Joint Operations (Senior Col)
- Deputy Director Strategic Studies Center (DSSC), National Defense Studies Institute (NDSI)
- Director Strategic Studies Center (DSSC), National Defense Studies Institute (NDSI)
- Director of Office of Operations for Border Security (DOBS), Department of Border Affairs (DBA)
- Director of Institute of Security Psychology, National Defence Studies Institute, Royal Thai Armed Forces Headquarters (ISP NDSI RTARF)

- Deputy Director National Defence College, National Defence Studies Institute, Royal Thai Armed Forces Headquarters (NDC NDSI RTARF)
 - National Defence Studies Institute's Advisor, Royal Thai Armed Forces Headquarters (NDC NDSI RTARF)
-

Education Background:

- Armed Forces Academy Preparatory School (Pre-cadet Class 23)
 - Chulachomkiao Royal Military Academy (CRMA class 34)
 - Australian Advance English Language Course, Defence International Training Center (DITC) , Melbourne, Australia (2000)
 - Master of Defence Studies / Australian Defence Force Academy (ADFA) , Canberra , Australia (2000-2001)
-

Military Studies (Civilian Studies)/Training Courses in Country and Overseas:

Domestic Military Courses

- Parachute course, Special Warfare Center, Lopburi Province, Thailand
- Ranger Course, Special Warfare Center, Lopburi Province, Thailand
- Field Artillery Officer Basic Course, Artillery Center, Lopburi Province, Thailand
- Field Artillery Officer Advance Course, Artillery Center, Lopburi Province, Thailand
- Army General and Staff College Course (Class 74), Bangkok, Thailand
- Joint Staff Course (Class 51), Joint Staff College, National defence Studies Institute.
- National Defence College (Class 60)

Oversea Courses

- Air Defense Artillery Officer Advance Course/ Fort Bliss, El Paso , Texas, USA (1994)
- Oversea Joint Warfare / New Castle, Australia (1998)



Air Marshal Poomjai Leksuntarakorn

Chief of Staff of National Defence Studies Institute,
The Royal Thai Armed Forces Headquarters

Previous Position:

1. Director of Regional Studies Division, Strategic Studies Center, National Defence Studies Institute, Bangkok, Thailand (2015-16)
 2. Director of Economic and Social Psychology Division, National Defence College, National Defence Studies Institute, Bangkok, Thailand (2017)
 3. Deputy Director of the Office of Joint Logistics, Directorate of Joint Logistics, Royal Thai Armed Forces Headquarters, Bangkok, Thailand (2018)
 4. Director of Strategic Studies Center, National Defence Studies Institute, Bangkok, Thailand (2019-21)
 5. Advisor, National Defence Studies Institute acting as Advisor, National Defence College, National Defence Studies Institute, Bangkok, Thailand (2022)
-

Education:

Civil:

1. Bachelor/Master in Civil Engineer, Germany
2. Master of Business Administration, Kasetsart University, Thailand
3. Ph.D. (Public Administration), Rangsit University, Thailand

Military:

1. Armed Forces Academies Preparatory School (Class 24)
 2. Royal Thai Air Force Academy (Class 31)
 3. German Air Force Academy (Class 54)
 4. Command and General Staff College (Class 81)
 5. Joint Staff College (Class 50)
 6. National Defence College (Class 61)
-

Started Career as:

1. Master in Civil Engineer Department, Royal Thai Air Force Academy
-

Specializes in:

1. Civil Engineering
 2. Military Joint Logistics
 3. Public Administration
 4. Strategy and Security
-

Languages:

Native: Thai

Additional: English, German



Major General Taksin Sirisingha
Director, Strategic Studies Center,
National Defence Studies Institute.

Date of birth 20 September 1966
Place of birth Bangkok, Thailand
Religion Buddhist

Military Education

- Armed Forces Academies Preparatory School (Class 27)
- Bachelor of Science in General Science, Chulachomklat Royal Military Academy (Class 38), 1991.
- Infantry Officer Basic Course, Infantry School (Class 90), 1992.
- Infantry Officer Advanced Course, Infantry School (Class 67), 1996.
- Command and General Staff Officer Course, Command and General Staff College, Royal Thai Army (Class 78), 1999
- Joint War Staff Course, Joint War College, National Defense Studies Institute, Royal Thai Armed Forces Headquarters (Class 51), 2009.
- Executive Relationship Development Course, Institute of Security Psychology, National Defence Studies, Royal Thai Armed Forces Headquarters (Class 9), 2017.
- National Defence Course, National Defence College, Royal Thai Armed Forces Headquarters (Class 63), 2020.

Graduation / Courses

- Master of Science in Information Science, King Mongkut's Institute of Technology (Ladkrabang Campus), 1997.

Operation appointments

- **Platoon Leader**, 2nd Infantry Battalion, 5th Infantry Regiment (field operational function at the 4052nd Suppression Company, concerning insurgency situation), Pattani Province 1991.
 - **Company Commander**, 2nd Infantry Battalion, 31st Infantry Regiment (Airborne Infantry Regiment/Rapid Deployment Force), Lopburi Province, 1997
 - Program Officer of the 1st Division (King's Guard), 1998.
 - **Instructor**, Command and General Staff College (CGSC), Royal Thai Army, 2001.
 - Plans and Projects Officer, the Royal Thai Army Radio and Television Station, 2004.
 - **Instructor**, Joint and Combined Operations Division, Joint Staff College, National Defence Studies Institute, Royal Thai Armed Forces Headquarters, 2010.
 - **Deputy Director**, Office of Military Education, National Defence Studies Institute, Royal Thai Armed Forces Headquarters, 2019.
 - **Director**, Strategic Studies Center, National Defence Studies Institute, Royal Thai Armed Forces Headquarters (Present)
-

Professional experiences

- Member of sub-committee of The National Broadcasting and Telecommunication Commission (NBTC)
 - Key member of the academics and authors writing textbooks and field manuals for joint operations of the Royal Thai Armed Forces.
 - Member of The National Security Strategy Preparation Committee.
 - Managing Royal Thai Armed Forces' educational system, including Royal Thai Army's educational strategy preparation (2023-2027).
 - Member of Sub-committee of the National Broadcasting and Telecommunications Commission television business and national telecommunications in changing the broadcasting system from analog to digital system of Thailand.
 - Study trips in Australia, Hungary, Poland, Germany, Switzerland, Italy, Sweden, Denmark, Russia, Finland, China, South Korea, Japan, Hong Kong and Asian Countries.
 - Participation in International Seminar in Thailand
 - Participation in Track II Network of ASEAN Defense and Security Institutions (NADI) Annual meeting and Workshop
-

Honorary Awards

- The Freeman Safeguarding Medal since serving as a platoon leader suppressing insurgent movements in the 3 southernmost provinces.
- The 1st prize in the annual assessment of Squad/Section/Platoon Unit Training of the 1st Army Area., 1993. (Outstanding training platoon leader.)
- The outstanding officer of the Royal Thai Armed Forces., in 2011 and 2013.

Research Projects

- Battle Simulation System Development Project, Command and General Staff College, Royal Thai Army.
- EARMY System Development Project, Royal Thai Army.
- C4I System Analysis and Development Project, Royal Thai Armed Forces Headquarters.



Group Captain Chaiya Okdaeng

Deputy Director, Strategic Studies
Center, National Defence Studies Institute

EDUCATION

- Royal Thai Air Force Academy, (Year 1989)
-

BACKGROUND

- Bachelor of Science in Electrical Engineering, Royal Military College of Science(RMCS), Shrivenham, Swindon, ENGLAND, (Year 1993)
 - Master of Science in Telecommunications Management, Murdoch University, Perth, AUSTRALIA, (Year 2002)
 - Air Force Command & Staff College, THAILAND (Year 2007)
-

TRAINING

- Advance Security Cooperation (ASC13-1), Asia-Pacific Center for Security Studies (APCSS), Hawaii, USA (Year 2013)
 - Program on Cyber Security Studies (PCSS) Cyber Alumni Community of Interest (COI) Workshop at George C, Marshall: European Center for Security Studies, Garmisch-Partenkirchen, GERMANY (Year 2015&2017)
 - Cyber Law and Other Emerging Technology Workshop, Military Law Center,Victoria Barracks Sydney, AUSTRALIA (October 2018)
-

PREVIOUS ASSIGNMENT

- Directorate of Armament, Royal Thai Air Force
- Royal Thai Air Force Telecommunications Center

- Deputy Director of Policy and Plan Division, National Defence Studies Institute's Headquarter
 - Director of Publication and Information Technology Division, National Defence Studies Institute's Headquarter
 - Director of Strategic and Security Research Division, Strategic Studies Center, National Defence Studies Institute
 - Director of Education Division, National Defence Studies Institute's Headquarter
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PRESENT ASSIGNMENT

- Deputy Director of Strategic Studies Center, National Defence Studies Institute
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Group Captain Arthit Janejobsakonkit.

Director of Support Division,
Strategic Studies Center, National Defence Studies
Institute, Royal Thai Armed Forces Headquarters.

Education:

- 2015 - 2019 Philosophy of Doctor in Public Administration, Burapa University.
- 2011 Master of Project Management, University of Wollongong, NSW, Australia.
- 1989 - 1993 Royal Thai Air Forces Air Force Academy.

Background:

- 2014 Joint Staff College: Class 55th National Defence Studies Institute, Royal Thai Armed Forces Headquarters.
- 2005 - Command and General Staff College; Class 83th, Royal Thai Army.

Training:

- 2023 Comprehensive Security Cooperation (CSC 23-1) course, Daniel K. Inouye Asia-Pacific Center for Security Studies Honolulu, HI, USA.
- 2008 Senior Air Force Command Course, Beijing, PRC.
- 2003 International Defense Management Course, DRMI, NPS, Monterey, CA, USA.
- 2000 International Officer School & Squadron Officer School, Maxwell AFB, AL, USA.

Previous Assignment:

- 2017 - 2019 Director of Research Academic Division, Joint Staff College, National Defence Studies Institute Headquarters, Royal Thai Armed Forces Headquarters.

- 2016 - 2017 Director of Technical Academic Division, Joint Staff College, National Defence Studies Institute Headquarters, Royal Thai Armed Forces Headquarters.

- 2009 - 2013 Chief of Operations and Intelligence Section, Directorate of Education and Training, Royal Thai Air Forces.

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Education Background

- High School: Chaiyabhumbhakdeechumphon school, 1983
- Bachelor's degree: Nursing Science, Air Force Nurse College, 1987
- Bachelor's degree: Political Science, Ramkhamhaeng University, 2019
- Master's degree: Master of Nursing Science, Nursing Administration, Chulalongkorn University, 1994
- Doctoral degree: Doctor of Philosophy in Education, Non-Formal Education Chulalongkorn University, 2012

Education Background (MILITARY)

- SOS '88: Squadron Officer School, Royal Thai Air Force, 1997
- SAOC '54: Senior Air Officer College, Royal Thai Air Force, 2008
- Strategist '10: Strategic Course, Strategic Studies Center (SSC), National Defence Studies Institute, Royal Thai Armed Force Headquarters, 2015
- ISP '118: Institute of Security Psychology, National Defence Studies Institute Royal Thai Armed Forces Headquarters, 2018

Foreign EDUCATION

Managing Defence in the Winder Security Context and Strategic Leadership Programme Export, Cranfield University (National Defence Studies Institute, Royal Thai Armed Force Headquarters, 2016)



Colonel Mathanin Charoenchasri
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Education Background

- High School: Nakprasith School, Sampham, Nakhon Pathom 73110
 - Bachelor's degree: B.Sc. in General Science (Environmental Majoring), Chulalongkorn University, Bangkok, Thailand (1997-1993)
 - Master's degree: M.A. in Secondary Education (Specialization in Biology), Murray State University, KY., U.S.A. (2004-2006)
-

Education Background (Military)

- Personnel Management Course, Directorate of Joint Personnel, Royal Thai Armed Force Headquarters, 2018
 - Psychology & Security Course (ISP'119) : Institute of Security Psychology, National Defence Studies Institute, Royal Thai Armed Force Headquarters, 2019
 - Strategist Course (Strategist' 15), Strategic Studies Center (SSC), National Defence Studies Institute, Royal Thai Armed Force Headquarters, 2022
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Colonel Watinee Thingsombutyudh
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Education Background

- Prachinkalayani School , 1986
 - Bachelor's degree: Nursing Science, Mahidol University (RTAN collage) , 1992
 - Master's degree : Master of public administration, Burapha University, 2017
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Education Background (MILITARY)

- Colonel's Course, Physicians, 2012
 - ISP'117 : Institute of Security Psychology, National Defence Studies Institute Royal Thai
Armed Force Headquarters, 2017
 - Strategist #13 Strategic Studies Center, 2018
-

THE DANIEL K. INOUE ASIA-PACIFIC
CENTER FOR SECURITY STUDIES TEAM



RADM (Ret) Pete Gumataotao
Director, Daniel K. Inouye Asia-Pacific Center
for Security Studies (DKI APCSS).

Pete has extensive experience operating globally during 37 years of active duty service, including eight years as a U.S. Navy flag officer. In addition to undertaking eleven deployments conducting defense and security exercises, he served in senior leadership positions to include command-at-sea on USS Curtis Wilbur (DDG 54), USS Decatur (DDG 73), and as Commodore for Destroyer Squadron 31. As a Flag Officer, he held three command positions: Commander, U.S. Naval Forces Korea; Commander, Carrier Strike Group (CSG) 11 (Nimitz Strike Group); and Commander, Naval Surface Force Atlantic. Other Flag Officer assignments: assistant deputy chief of Naval Operation for Operations, Plans and Strategy (N3/N5B) and deputy chief of staff, Strategic Plans and Policy, Supreme Allied Command Transformation.

Pete became the Director, Daniel K. Inouye Asia-Pacific Center for Security Studies in February 2018. DKI APCSS is a Department of Defense institution and one of five regional security studies centers that addresses regional and global security issues. Military and civilian representatives participate in a comprehensive program of executive education, collaboration and outreach. DKI APCSS supports U.S. Indo-Pacific Command by developing and sustaining relationships among security practitioners and national security establishments throughout the region. DKI APCSS' mission is to build resilient capacity, shared understanding, and networked relationships among civilian and military practitioners and institutions to advance a free and open Indo-Pacific.

His decorations include the Defense Distinguished Service Medal, Defense Superior Service Medal, Legion of Merit, Meritorious Service Medal, and other personal, unit, and campaign awards. He is the first recipient of the Admiral Zumwalt Award for Visionary Leadership. He was awarded the Order of National Security Merit Cheonsu Medal by the Republic of Korea for distinguished performance in promoting military cooperation between South Korea and the United States. He was also awarded the Bundeswehr Cross of Honour for Valour by the German military for his performance at NATO.



Capt. Richard F. Sears

(USN retired) Deputy Director Daniel K. Inouye Asia-Pacific Center for Security Studies (DKI APCSS).

He previously served at the Center as the Dean of Admissions & Business Operations (DABO) from 2003-2022. As DABO, he was responsible for the transformation of all business operations to include all finance, personnel, information management systems, infrastructure, global workshops/engagements, the library, and all aspects of participant admissions to the College of Security Studies while in support of the DKI APCSS long term strategic plan.

In addition, from 2002-2003 Sears served as the Chairman of the Department of Transnational Studies in the College of Security Studies where he was responsible for the establishment of the Counter Terrorism program at DKI APCSS to include the Comprehensive Security Responses to Terrorism course of instruction.

Prior to joining DKI APCSS, Sears served as a Naval Aviator and spent nearly 30 years engaged in operations conducted throughout the Indo-Asia-Pacific Region. He held multiple commands to include service as Commander, Helicopter Anti-Submarine Light Wing, U.S. Atlantic Fleet, Commanding Officer of Sea-based Weapons and Advanced Tactics School Pacific, and Commanding Officer of Helicopter Anti-Submarine Squadron Light THIRTY-SEVEN (HSL-37). Shore assignments included tours in the Joint Staff (J-8), Commander, United States Pacific Fleet as Strike Warfare Requirements and Assessment Officer and tours at the Naval War College and Armed Forces Staff College.



Dr. Timothy Buehrer

PhD.-Professor

Dr. Timothy Buehrer joined the Daniel K. Inouye Asia-Pacific Center for Security Studies (DKI APCSS) in September 2020. Dr. Buehrer has over 30 years' experience as an economist and a lawyer advising governments and other organizations in Southeast Asia, Micronesia, Africa, the Middle East, and the United States. Over his career Dr. Buehrer has organized and taught in well over one hundred training events for government officials and supported efforts of the U.S. Department of State and the U.S. Agency of International Development to promote stronger linkages between the U.S. and the countries where he was working.

For over a decade, Dr. Buehrer directed a series of USAID projects supporting regional integration in Southeast Asia through the ASEAN Secretariat. During that time he worked on a wide variety of issues relating to trade facilitation, micro, small and medium enterprise development, the digital economy, human rights, education, labor, disaster management, environmental protection, and pandemic response. Prior to his work in ASEAN, Dr. Buehrer supported ministries of finance, trade, and planning in Indonesia, Mozambique, and Egypt on trade, macroeconomic, monetary policy, exchange rate, poverty, institutional development, and customs issues. In all of these efforts he worked in or led teams of American, local, and regional experts to deliver needed and timely advice on core policy issues.

Earlier in his career, Dr. Buehrer worked in the Federated States of Micronesia on fiscal and development issues, including fisheries management, public investment, and the establishment of a flag of convenience, among other matters. He also practiced law in Washington, D.C., participating in large scale litigation related to the natural gas crisis of the 1970s.

Dr. Buehrer received Bachelor of Science degrees in Chemistry and Political Science from the Massachusetts Institute of Technology, a Juris Doctor degree from Harvard Law School, a Masters of Public Policy from the Kennedy School of Government, Harvard University, and a Ph.D. in Public Policy from the Harvard Graduate School of Arts and Sciences. He is a member of the bars of the District of Columbia and the Supreme Court.



Dr. Alfred Oehlers

PhD.-Professor

Dr. Alfred Oehlers joined the Asia-Pacific Center for Security Studies in March 2007. He was previously an associate professor at Auckland University of Technology, New Zealand. Dr. Oehlers obtained his doctorate in political economy from the University of Sydney. He holds both a master's and a bachelor's degree in economics, from Macquarie University, Australia.

Dr. Oehlers is a specialist in the political economy of economic growth and development, with reference to the countries of the Asia-Pacific region. His teaching has ranged widely during his career, spanning courses as diverse as international business, economics, politics, public policy, international relations, Asian studies, history, and other social sciences. He has taught at Massey University in New Zealand, Macquarie University, the University of Sydney in Australia, and the Institute of Development Studies at the University of Helsinki, Finland. In New Zealand, Dr. Oehlers enjoyed a long association with the New Zealand Defense Force Command and Staff College, where he contributed regularly to lectures as well as other professional military training activities. Dr. Oehlers has regularly been engaged by philanthropies and non-government organizations as a consultant on economic and political developments in the Asia-Pacific and workshop facilitator for a variety of capacity-building initiatives for civil society actors.

Dr. Oehlers has written widely, covering a range of issues connected with the rapid development of East and Southeast Asia. Much of this research has focused on Myanmar and Singapore, on topics relating to governance, democratization, corruption, public health, and ethnic conflict, amongst others. Some recent publications include: "A World on Fire? Some Notes on Burma", in N. Tarling and E. Gomez (eds.), *The State, Development and Identity in Multi-Ethnic Societies: Ethnicity, Equity and the Nation* (2008), "A Critique of ADB Policies Towards the Greater Mekong Sub-Region", *Journal of Contemporary Asia* (2006), "Old and New Wars: Minority Groups in Burma", in M. Waibel, R. Jordan & H. Schneider (eds.), *Krisenregion Südostasien: Alte Konflikte und neue Kriege*, Horlemann Verlag (2006), with N. Tarulevicz, "Capital Punishment and the Culture of Developmentalism in Singapore", in C. Boulanger and A. Sarat (eds.), *The Cultural Lives of Capital Punishment* (2005), "Corruption: The Peculiarities of Singapore", in N. Tarling (ed.), *Corruption and Good Governance in Asia*, Routledge Curzon (2005), "Public Health in Burma: Anatomy of a Crisis", *Journal of Contemporary Asia* (2005). Dr. Oehlers has recently extended his teaching and research interests to include the Pacific islands region, with several ongoing projects focusing on issues such as development and security, climate change, security sector development, and regionalism.



Dr. Alexander L. Vuving

PhD.-Professor

Dr. Alexander L. Vuving came to the Daniel K. Inouye Asia-Pacific Center for Security Studies in July 2008 from Tulane University, where he taught courses on International Relations, International Security, China and the World, and a field seminar in International Politics. Prior to Tulane, Dr. Vuving was a Research Fellow and an Associate of Harvard University's Belfer Center for Science and International Affairs at the Kennedy School of Government. He was also a Visiting Research Fellow at the Rajaratnam School of International Studies in Singapore. Dr. Vuving spent his formative years in Vietnam, Hungary, France, and Germany during times of dramatic changes the wars in Indochina, the collapse of communism, and the European unification. These events have helped shape much of his professional curiosity.

Dr. Vuving's research interests cut across International Relations, Comparative Politics, and Historical Sociology. His major areas of research range from functional topics such as the Sources of State Behavior, the Making of Grand Strategic Change, and the Workings of Soft Power, to regional issues such as Asian Security, the Rise of China, and Vietnamese Politics. He has published in major scholarly journals and presented at leading universities and think tanks around the world.

Dr. Vuving serves on the Editorial Board of Asian Politics and Policy, a journal of the Policy Studies Organization, and is a referee for Oxford University Press, International Security, and Asian Security, among others. He is the guest editor of a special issue on "How China's Rise is Changing Asia's Landscape and Seascape" for Asian Politics and Policy.

Dr. Vuving studied Political Science, Economics, Sociology, and Electronic Engineering at Cornell University, the Johannes Gutenberg University, and the Budapest University of Technology. He received his master of arts (summa cum laude) in Political Science, Sociology, and Economics, and his doctor's degree (magna cum laude) in Political Science from the Johannes Gutenberg University, Germany. He was a German National Merit scholar and a recipient of the prestigious Konrad Adenauer Foundation scholarship.



Prof. Mary Markovinovic

Mary Markovinovic has been the chief of public affairs for Asia-Pacific Center for Security Studies since May 2005. In this position, she manages APCSS' public affairs program and also serves as an adjunct faculty member lecturing on topics such as media relations, crisis communications and new media.

A graduate of the University of San Diego, she began her career as an editor at the Naval Supply Center, San Diego in 1986. One year later, after attending the Defense Information School, she was promoted to the Public Affairs Officer and remained there during its transition to the Fleet and Industrial Supply Center, San Diego. As PAO, she was responsible for PA support for contracting and logistics operations including developing the first customer-based website for a Navy Supply Center. Also, she coordinated a major community relations program in support of a major Navy fuel pipeline replacement project that ran through the city of San Diego.

In 1998, she transferred to Navy Region Southwest to be the Public Affairs Program Manager, responsible for public affairs operations for Navy shore installations in California and Nevada. She streamlined public affairs operations under the regionalization program and coordinated responses related to A76 contracting. In addition, she was the emergency operations center PA rep during both drills and real-life emergencies and major community relations projects such as the Navy Broadway Redevelopment.

Ms. Markovinovic moved to Hawaii in 2003 taking a position as the chief of media relations for U.S. Army, Pacific (USARPAC) where she worked on issues such as the Stryker Brigade deployment, Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF), Pacific Armies Management Seminar, and the Army Transformation in the Pacific.

LIST OF PARTICIPANTS



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Name-Surname: Mr. Sirapong Kwankaew

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Current Post: Judge of the Pathum Wan Kwaeng Court

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