

51<sup>st</sup> APACPH Conference: SDGs in Reality  
November 21-22, 2019

51<sup>st</sup> Asia-Pacific Academic  
Consortium for Public Health  
(APACPH) Conference

*SDGs in Reality*

# Conference Programme

*November 21-22, 2019  
Amari Watergate Bangkok, Thailand*





November 21, 2019

**07:30 – 08:30 Registration** Floor 6

**08:30 – 09:00 Opening ceremony** Watergate Ballroom, Floor 6

**Welcome Remark** by Professor Dr. Banchong Mahaisavariya  
*Acting President of Mahidol University, Thailand and  
Chair of 51<sup>st</sup> APACPH Organizing Committee*

**Welcome Remark** by Professor Dr. Wah-Yun Low  
*President of APACPH, University of Malaya, Malaysia*

**Opening Remark** by Associate Professor Dr. Soranit Siltharm  
*Permanent Secretary, Ministry of Higher Education, Science, Research and  
Innovation, Thailand*

**Welcome Performance “Sound of Siam”**

**APACPH Award Presentation** by Professor Dr. Wah-Yun Low, President of APACPH

**1. APACPH Public Health Recognition Award**

- Professor Dr. Myong-Sei Sohn  
*APACPH President Emeritus, South Korea*

**2. APACPH Excellence in Leadership Medallion Award**

- Associate Professor Dr. Yupha Udomsakdi  
*Former Minister of Education, Thailand*
- Professor Emeritus Dr. Piyasakol Sakolsatayadorn  
*Former Minister of Public Health, Thailand*

**3. APACPH Medal of Merit Award**

- Professor Dr. Jung-Der Wang  
*Former Dean of College of Public Health, National Taiwan University, Taiwan*
- Professor Dr. Banchong Mahaisavariya  
*Acting President of Mahidol University, Thailand*

**Group photo of awardees and APACPH organizing committee**

**09:00 – 09:30 Press conference** Ayutthya Room, Floor 8

**09:00 – 10:00 Keynote speeches** Watergate Ballroom, Floor 6

● **Climate and environmental emergencies and human wellbeing**

Dr. Stefanos Fotiou  
*Director, Environment and Development Division, United Nations ESCAP, Thailand*

● **Ethics, public health and SDGs**

Dr. Somsak Chunharas  
*Former Deputy Minister of Public Health and President of Thai National Health Foundation,  
Thailand*



**November 21, 2019**

<b>10:00 – 10:30</b>	<b>Refreshment and networking</b>	<i>Ballroom Foyer, Floor 6</i>
<b>10:30 – 12:00</b>	<b>Plenary session</b>	<i>Watergate Ballroom Floor 6</i>

**SDGs and public health: At present**

Speakers:

- **Achieving the health SDGs by 2030: Challenges and opportunities**  
Dr. Daniel Kertesz  
*WHO representative to Thailand*
- **Gaps and goals: closing gaps and achieving goals for the case of Thailand**  
Dr. Pattama Teanravisitsagool  
*Deputy Secretary General, Office of National Economic and Social Development Council*
- **Health promotion is the linkage and innovative enabler of health and sustainable development**  
Dr. Supreda Adulyanon  
*Chief Executive Officer Thai Health Promotion Foundation, Thailand*

Moderator:

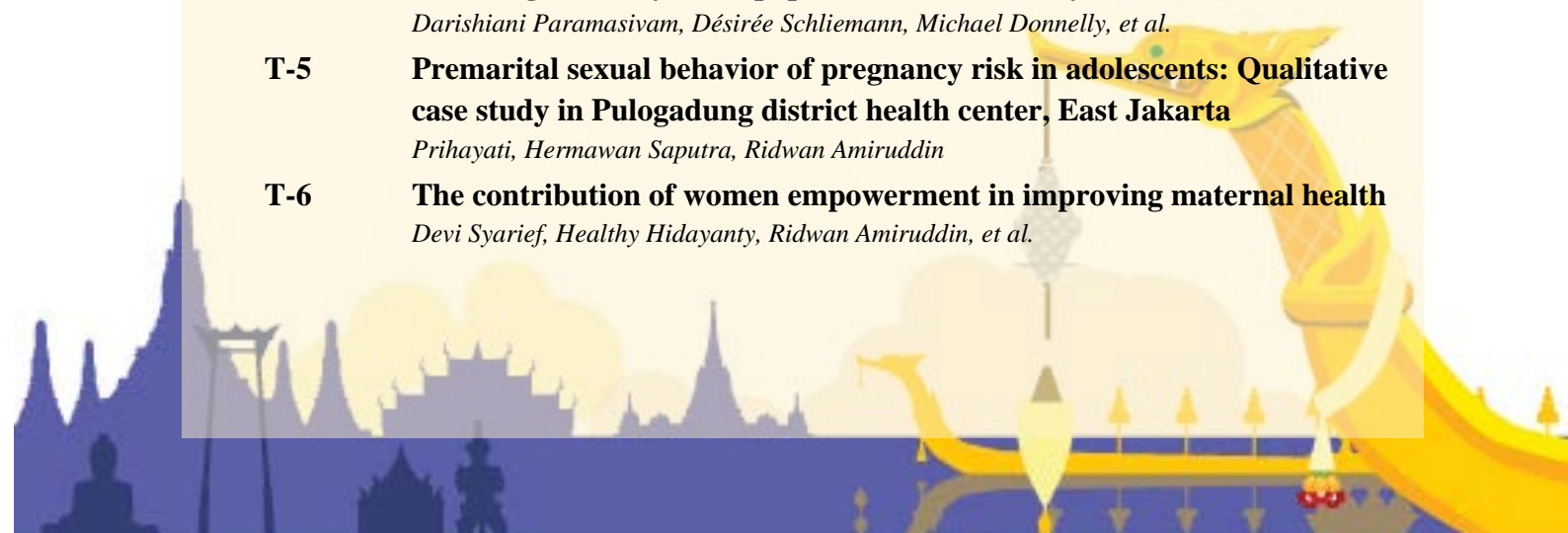
Professor Dr. Kee-Seng Chia  
*National University of Singapore, Singapore*

<b>12:00 – 13:00</b>	<b>Lunch break</b>	<i>Amaya Food Gallery, Floor 4</i>
<b>12:00 – 13:00</b>	<b>APJPH: Editorial board meeting</b>	<i>Bangsue, Floor 7</i>
<b>12:30 – 13:30</b>	<b>Turbo Talk presentation</b>	<i>Banglampoo, Floor 6</i>

**Chair** : Professor Dr. Agustin Kusumayati  
*University of Indonesia, Indonesia*

**Co-chair** : Associate Professor Dr. Yuvadee Rodjarkpai  
*Burapha University, Thailand*

- T-1**      **Clustering of acute diarrhoea among children of under five years old in Sabah, Malaysia**  
*Syed Sharizman Syed Abdul Rahim, Shamsul Azhar Shah, Mohammad Saffree Jeffree, et al.*
- T-2**      ***In vitro* evaluation of marine sediment-derived actinobacteria against two dominantly circulating *Leptospira* serovars in the Philippines**  
*Rosario Clarissa Marie M. Lota, Rafael Adriano P. Nalupta, Mariya Klodyn D. Patron, et al.*
- T-3**      **Surveillance of leptospirosis among animals in Iloilo province, Philippines**  
*Evalyn A. Roxas, Nina G. Gloriani, Philip Ian V. Padilla, et al.*
- T-4**      **Attitudes towards and beliefs about cancer and colorectal cancer (CRC) screening in Malaysia: A population-based survey**  
*Darishiani Paramasivam, Désirée Schliemann, Michael Donnelly, et al.*
- T-5**      **Premarital sexual behavior of pregnancy risk in adolescents: Qualitative case study in Pulogadung district health center, East Jakarta**  
*Prihayati, Hermawan Saputra, Ridwan Amiruddin*
- T-6**      **The contribution of women empowerment in improving maternal health**  
*Devi Syarief, Healthy Hidayanty, Ridwan Amiruddin, et al.*





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- T-7**      **Health care workers' perception on prevention of overweight and obesity among under 5 years old children in Fiji**  
*Masoud Mohammadnezhad, Sharan Ram*
- T-8**      **Profile of nutritional status children aged 0-59 months in Banggai Regency, Central Sulawesi, Indonesia**  
*Aspar Abdul Gani, Lucy Widasari, Anang S. Otoluwa, et al.*
- T-9**      **A school-based interventional study to improve healthy eating practices among Malaysian adolescents: Protocol for feasibility of quasi-experimental pilot trial**  
*Shooka Mohammadi, Tin Tin Su, Muhammad Yazid Jalaludin, et al.*
- T-10**     **Examining depressive symptoms among parents with low socio-economic status in Kuala Lumpur, Malaysia**  
*Nur Asyikin Yakub, Nor Ba'yah Abdul Kadir, Suzana Mohd Hoesni*
- T-11**     **Investigation of the status quo and influencing factors of obesity in young children in Hubei province**  
*Anli Yan, Haihang Jin, Suifeng Liu, et al.*

**13:00 – 13:30**    **Poster presentation**

*Banglampoo, Floor 6*

**13:30 – 15:00**    **Parallel session 1**

*Watergate Ballroom A, Floor 6*

### **Antimicrobial resistance - A global health challenge**

Speakers:

- **Addressing the global health challenge of antimicrobial resistance with a one health approach**  
Dr. Mary Joy N. Goroncillo, DVM, MTVSc, Ph.D.  
*Emergency Centre for Transboundary Animal Diseases (ECTAD)*  
*Food and Agriculture Organization of the United Nations (UN-FAO)*  
*Regional Office for Asia and the Pacific (RAP)*
- TBA  
Dr. Ronello Abila  
*World Organization for Animal Health (OIE) Sub-Regional Representative, Regional Representation for Asia and the Pacific, Thailand*
- **Antimicrobial resistance: interface between global and national policies - Thailand perspective**  
Dr. Nithima Sumpradit  
*Senior Pharmacist, FDA Thailand, Ministry of Public Health, Thailand*
- **Private sector's role in antimicrobial use for sustainable food systems: Case studies of Betagro**  
Mr. Rawat Chantong  
*Consultant - Livestock Management, Betagro, Thailand*

Moderator:

Assistant Professor Dr. Walasinee Sakcamduang  
*Dean, Faculty of Veterinary Science, Mahidol University, Thailand*

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**13:30 – 15:00 Parallel session 2**

*Watergate Ballroom B, Floor 6*

**Ecological approach for disease prevention and sustainability**

Speakers:

- **Causes of the persistence of STHs in the field: Case study of Tha-Song-Yang in Thailand**

Associate Professor Dr. Poom Adisakwattana  
*Faculty of Tropical Medicine, Mahidol University, Thailand*

- **Trop Med healthy border school**

Dr. Pannamas Maneekan  
*Faculty of Tropical Medicine, Mahidol University, Thailand*

- **Integration of student-centered learning and social innovation to combat tropical diseases at community level**

Assistant Professor Dr. Saengduen Moonsom  
*Coordinator of Thailand One Health University Network, Mahidol University, Thailand*

Moderator:

Professor Dr. Parnpen Viriyavejakul  
*Faculty of Tropical Medicine, Mahidol University, Thailand*

**13:30 – 15:00 Parallel session 3**

*Watergate Ballroom C, Floor 6*

**NCDs: Success and challenges**

Speakers:

- **ICT patient engagement in the era of NCDs**

Dr. Ying-Wei Wang  
*Director General, Health Promotion Administration, Taiwan*

- **How to wage a global war against NCDs: The Singapore story**

Professor Dr. Yik-Ying Teo  
*Dean, Saw Swee Hock School of Public Health, National University of Singapore, Singapore*

- **Strategies to combat NCDs in Malaysia: The battle continues**

Dr. Nor Izzah Hj Ahmad Shauki  
*Ministry of Health, Malaysia*

- **Empowering national capacity to beat NCDs: Thailand experiences**

Dr. Pairoj Saonuam  
*Director, Healthy Lifestyle Promotion Section, Thai Health Foundation, Thailand*

Moderator:

Professor Dr. Hung-Yi Chiou  
*Taipei Medical University, Taiwan*





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13:30 – 15:00 Parallel session 4

Room A@7, Floor 7

### Health literacy and health in all policies

Speakers:

- **Faculty of Public Health: Health literate faculty**  
Associate Professor Dr. Chanuantong Tanasugarn  
*Dean, Faculty of Public Health, Mahidol University, Thailand*
- **Developing interventions for community health literacy**  
Associate Professor Dr. Roy W. Batterham  
*Thammasat University, Thailand and Swinburne University, Australia*
- **Healthy city policy and health outcomes in Indonesia**  
Professor Dr. Sukri Palutturi  
*Hasanuddin University, Indonesia*

Moderator:

Dr. Nuttapun Supaka  
*Director, Partnership and International Relations Section, Thai Health Promotion Foundation, Thailand*

13:30 – 15:00 Parallel session 5

Room C@7, Floor 7

### Sustainable nutrition in the Asia-Pacific region

Speakers:

- **Moving towards a food-based strategy for sustainable nutrition in Asia**  
Associate Professor Dr. Pattanee Winichagoon  
*Institution of Nutrition, Mahidol University, Thailand*
- **APACPH dietary guidelines and sustainability**  
Professor Dr. Colin Binns  
*Curtin University, Australia*

Moderator:

Assistant Professor Dr. Carol Hutchinson  
*Faculty of Public Health, Mahidol University, Thailand*

15:00 – 15:30 Refreshment and networking

Ballroom Foyer, Floor 6

15:30 – 17:00 Oral presentation

Watergate Ballroom A, Floor 6

### Track 1: Emerging and re-emerging diseases

**Chair** : Dr. Rajendra Surenthirakumaran  
*University of Jaffna, Sri Lanka*

**Co-chair** : Associate Professor Dr. Manee Chanama  
*Mahidol University, Thailand*

- O-1** Incidence rates and risk factors of enterovirus 71 infections: A prospective cohort study in Taiwan  
*Wen-Chiung Chang, Wan-Yu Chung, Shu-Ting Luo, et al.*



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- O-2** Treatment quality and outcome for multidrug-resistant tuberculosis patients in four Chinese provinces  
*Xubin Zheng, Qi Zhao, Yi Hu, et al.*
- O-3** Are countries' self-reported assessments of their capacity for infectious disease control reliable? Associations among countries' self-reported international health regulation 2005 capacity assessments and infectious disease control outcomes  
*Feng-Jen Tsai, Mathuros Tipayamongkhogul*
- O-4** Patient's perspective of satisfaction when antiretroviral therapy was task-shifted in northern Thailand  
*Tsutomu Kitajima, Saiyud Moolphate, Waranyu Jumnongparasatporn, et al.*
- O-5** Detection and serotyping of *Legionella pneumophila* in cooling tower and faucets of selected intensive care units of a tertiary hospital in Philippines  
*Dianne Melody A. De Roxasa, Lilen DC. Sarola*

**15:30 – 17:00 Oral Presentation**

*Watergate Ballroom B, Floor 6*

### Track 2: Health promotion/health literacy/healthy city

**Chair** : Professor Dr. Maznah Dahlui  
*University of Malaya, Malaysia*

**Co-chair** : Associate Professor Dr. Surintorn Kalampakorn  
*Mahidol University, Thailand*

- O-6** model for improving the quality of life of drug resistant TB in the undata hospital in Palu in central Sulawesi province  
*Baharuddin Condeng, Muh Syafar, M. Furqaan Naiem, et al.*
- O-7** Neighborhood built environment and leisure-time physical activity: A cross-sectional study in Southern China  
*Ting Yu and Yuliang Zou*
- O-8** Effectiveness of a confidence-building intervention for breast feeding in a baby-friendly hospital in the Lao PDR  
*Keiko Nanishi, Chanthida Vanlasy, Sengchanh Kounnavong*
- O-9** Correlates of sedentary behaviour in Asian adults: A systematic review  
*Andre Matthias Müller, Bozhi Chen, Nan Xin Wang, et al.*
- O-10** Effectiveness of a culturally sensitive lifestyle intervention in reducing anthropometric parameters of mothers with a history of gestational diabetes mellitus- A community based comparative study  
*Thamudi Sundarapperuma, Sudharshani Wasalathanthri, Priyadarshika Hettiarachchi, et al.*

**15:30 – 17:00 Oral presentation**

*Watergate Ballroom C, Floor 6*

### Track 3: Non-communicable diseases and risk factors

**Chair** : Professor Dr. Sanjay Rampal  
*University of Malaya, Malaysia*

**Co-chair** : Associate Professor Dr. Arporn Powwattana  
*Mahidol University, Thailand*





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- O-11** Physical activity participation and the risk of chronic diseases among South Asian adults: A systematic review and meta-analysis  
*Susan Paudel, Alice J. Owen, Ebenezer Owusu-Addo, et al.*
- O-12** Modifying effects of fruit and vegetable intake on the association between total fat intake and incident hypertension: A prospective cohort study among Chinese adults  
*Minzhe Zhang, Shuai Yuan, Qiqiang He*
- O-13** Projection of the future prevalence of osteoarthritis in South Korea  
*Yunsun Jung, Young-Eun Kim, Dun-Sol Go, et al.*
- O-14** Reasons to undergo screening for non-communicable diseases by apparently healthy people: A qualitative study from Sri Lanka  
*Thilini Herath, Manuja Perera, Anuradhani Kasturiratne*
- O-15** Obesity factors in Indonesian women based on clinical breast examination  
*Sri Idaiani, Tince Arniati Jovina, Danny Fajar Mogsa, et al.*

15:30 – 17:00 **Oral presentation**

Room A@7, Floor 7

**Track 4: Community participation and mobilization/ injury prevention and disaster management/ oral health**

**Chair** : Professor Dr. Victor Hoe  
*University of Malaya, Malaysia*

**Co-chair** : Assistant Professor Dr. Tassanee Silawan  
*Mahidol University, Thailand*

- O-16** Role of civil society organization and community-based reproductive health workers in providing reproductive health services in disaster-affected Delta areas in Ayeyarwady Region, Myanmar  
*Paing Soe, Aung Hpone Myint, Myat Sandi Min, et al.*
- O-17** Association between early childhood caries and its maternal factors among young Cambodian children  
*Yu Kubota, Nhep San Pech, Callum Durward, et al.*
- O-18** The relationship between the complete denture policy for the elderly and nutrition in Tainan  
*Chia-Jen, Teng, Pei-Shan Ho, Shu-Chuan, et al.*
- O-19** Demonstration of high value care to improve oral health of a remote indigenous community in Australia  
*Sanjeeva Kularatna, Ratilal Laloo, Jeroen Kroon, et al.*

15:30 – 17:00 **Oral presentation**

Room C@7, Floor 7

**Track 5: Other public health relates**

**Chair** : Professor Dr. Indika Karunathilake  
*University of Colombo, Sri Lanka*

**Co-chair** : Associate Professor Dr. Oranut Pacheun  
*Mahidol University, Thailand*

- O-20** Social and gender inequities and health systems: Immunisation among infants in Southeast Asian countries  
*Paolo Miguel Manalang Vicerra, Jeofrey Abalos*



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- O-21** National and subnational burden of disease by socio-demographic index in Korea  
*Dun-Sol Go, Young-Eun Kim, Seok-Jun Yoon*
- O-22** Trends of breast cancer mortality in Chinese women from 1990 to 2015: An age-period-cohort analysis  
*Yani Ding and Qing Liua*
- O-23** Changes in perinatal mortality after the implementation of the two-child policy in Zhejiang Province China  
*Li-Qian Qiu, Wei-Wei Wu, Xiao-Bo Wang, et al.*
- O-24** The potential of *Chanoschanos* (Milkfish) skin gel extract as an alternative approach in treating first degree burn  
*Brian Kenneth E. Eduarte, Nicole Andrey Acosta, Jenela Pauline Lumanlan, et al.*

<b>17:00 – 18:00</b>	<b>APACPH-CCHP meeting</b>	<i>Room A@7, Floor 7</i>
<b>18:00 – 20:30</b>	<b>Welcome reception</b>	<i>Rooftop Garden, Floor 8</i>

**Welcome reception: Green and healthy party**

- Dress: National costume or smart casual
- Thai spicy and international dishes and alcohol-free cocktail
- Pop Band by College of Music, Mahidol University
- Special Performance “Khon”
- Traditional Thai dance “Ramwong”





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**07:30 – 08:30 Registration** Floor 6

**08:30 – 09:00 Keynote speech** Watergate Ballroom, Floor 6

### Mahidol sustainable university

Professor Dr. Banchong Mahaisavariya  
Acting President of Mahidol University, Thailand and  
Chair of 51<sup>st</sup> APACPH Organizing Committee

**09:00 – 10:00 Plenary session** Watergate Ballroom, Floor 6

### Social justice and social equity

Speakers:

- **Social justice and social equity: Policy packages in Thailand**  
Professor Dr. Supasit Pannarunothai  
*Chair, Centre for Health Equity Monitoring Foundation, Thailand*
- **Technology disruption for equity and social justice in public health**  
Professor Dr. Sathirakorn Pongpanich  
*Dean, College of Public Health Science, Chulalongkorn University, Thailand*

Moderator:

Professor Dr. Yik-Ying Teo  
*Dean, Saw Swee Hock School of Public Health, National University of Singapore, Singapore*

**10:00 – 10:30 Refreshment and networking** Ballroom Foyer, Floor 6

**10:30 – 12:00 Parallel session 6** Watergate Ballroom A, Floor 6

### Pollution and environmental health: Means or an end for SDGs

Speakers:

- **Children's environmental health: A challenge for SDGs"**  
Professor Dr. Budi Haryanto  
*University of Indonesia, Indonesia*
- **Total asbestos ban: From international conventions to national policies**  
Assistant Professor Dr. Ro-Ting Lin  
*China Medical University, Taiwan*

Speaker and Moderator:

- **SDGs and transboundary air pollution management**  
Associate Professor Dr. Sarawut Thepanondh  
*Faculty of Public Health, Mahidol University, Thailand*



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**10:30 – 12:00 Parallel session 7**

*Watergate Ballroom B, Floor 6*

**Intentional and unintentional injury**

Speakers:

- **Situation of occupational injury situation in Thailand**  
Associate Professor Dr. Naesinee Chaiear  
*Faculty of Medicine, Khon Kaen University, Thailand*
- **Innovation of One Stop Crisis Center (OSCC) in Numphong hospital, Thailand**  
Dr. Wichai Ussavaphark  
*Numphong District Hospital, Khon Kaen, Thailand*
- **Fall in the elderly, the challenging for SDGs**  
Dr. Anuchar Settasatien  
*Thai Health Promotion Foundation, Thailand*
- **Prevention unintentional injury in Thai children**  
Dr. Chatchai Im-arom  
*Child Safety Promotion and Injury Prevention Research Center,  
Faculty of Medicine, Ramathibodi Hospital, Thailand*

Speaker and Moderator:

- **Thailand and UNdecade of action on road safety**  
Dr. Witaya Chadbunchachai  
*Director, WHO collaborating center for injury prevention and safety promotion,  
Thailand*

**10:30 – 12:00 Parallel session 8**

*Watergate Ballroom C, Floor 6*

**How to ensure healthy lives at all ages?**

Speakers:

- **Ensuring healthy lives from a newborn to childhood period**  
Dr. Pongtong Puranitee  
*Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand*
- **Healthy literacy for healthy lives through non-formal and informal education?**  
Mr. Prayut Lakkam  
*Director, Department of Development and Promotion of Learning Innovation,  
Office of Non-Formal and Informal Education, Thailand*

Speaker and Moderator:

- **Ensuring healthy lives from adulthood to older Adults**  
Dr. Orapitchaya Krairit  
*Chief, Geriatric Medicine Division, Faculty of Medicine Ramathibodi Hospital,  
Mahidol University, Thailand*





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10:30 – 12:00 Parallel session 9

Room A@7, Floor 7

### Area based health innovation

Speakers:

- **Healthy startup ecosystem and heathy environment: A case study of KIID**

Assistant Professor Dr. Rittirong Chutapruttikorn  
Dean, Faculty of Architecture, Bangkok University, Thailand

- **Japanese initiatives for people living with dementia**

Miss Eri Yoshimura  
Manager, Health and Global Policy Institute (HGPI), Japan

Moderator:

Dr. Nares Damrongchai  
CEO, Thailand Center of Excellence for Life Sciences (TCELS), Thailand

10:30 – 12:00 Parallel session 10

Room C@7, Floor 7

### Country experiences: Contemporary issues in public health

**Chair** : Dr. Maria Elena G Filio Borromeo  
UNAIDS Country Director for Pakistan and Afganistan

**Co-chair** : Professor Betty Ya-Wen Chiu  
Taipei Medical University, Taiwan

Speaker:

**CE-1: Electronic media and early childhood social emotional development**

*Catherine Thamarai Arumugam, et al.*

**CE-2: Qualitative enquiry is essential to indigenous health promotion response for obesity epidemic in Fiji islands**

*Kamal Singh, et al.*

**CE-3: Perceptions of depression among Malaysian youth: A qualitative study**

*Nik Daliana Nik Farid, et al.*

**CE-4: Haze impacts on health: Direct medical cost of haze-related respiratory illnesses in public healthcare facilities**

*Hafiz Jaafar, et al.*

12:00 – 13:00 Lunch break

Amaya Food Gallery, Floor 4

12:20 – 13:30 Turbo Talk presentation

Banglampoo, Floor 6

**Chair** : Professor Dr. Ma Sandra B Tempongko  
SEAMEO Regional Tropical Medicine and Public Health Network, Thailand

**Co-chair:** Dr. Arthit Phosri  
Mahidol University, Thailand

T-12

A systematic review of health status of coastal community in Sabah, Malaysia

*Amirah Azzeri, Goh Hong Ching, Hafiz Jaafar, et al.*

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- T-13** Continuity of care in maternal comprehensive health services:  
A literature review  
*Adriana Palimbo, A.Ummu Salmah, Ridwan Amiruddin, et al.*
- T-14** Perceived benefit, perceived barrier and self-medication practice among rural people in Nepal  
*Sudhir Mishra, Nawarat Suwannapong, Mathuros Tipayamongkhogul, et al.*
- T-15** Analysis on relationship between *Bacillus* and *Enterobacter* bacteria in air and hospital acquired infections potential in intensive care unit rooms of Dr. Wahidin Sudirohusodo hospital  
*Owildan Wisudawan B, Anwar Mallongi, Anwar Daud, et al.*
- T-16** The impact of air pollution control measures for the Beijing Olympics in 2008 on reducing respiratory and cardiovascular disease  
*Yi-Ting Lin, Hathaichon Boonhat, Ro-Ting Lin*
- T-17** Phthalate and their exposure from PVC floor maternal  
*Kamonwan Promtes, Bunyarit Panyapinyopol, Suphaphat Kwonpongsagoon, et al.*
- T-18** The religion quality improvement for primary health care character in South Sulawesi  
*Muhammad Tahir, Ridwan Amiruddin, Sukri Palutturi, et al.*
- T-19** Satisfaction evaluation of national health insurance patient; upgrade of care class at Lasinrang Pinrang general hospital  
*Marwah Thaha, Amran Razak, Indar, et al.*
- T-20** Barriers for underutilization of maternal and child health services in Indonesia: A qualitative perspective  
*I Ketut Swarjana, Natkamol Chansatitporn, Nawarat Suwannapong, et al.*
- T-21** Does the health insurance governance system support health care programs?  
*Rini Anggraeni, Syahrir A. Pasinringi*
- T-22** A long-term care policy and smart care solution in Taiwan.  
*Yu-Sheng Lin, Korravarn Yodmai*
- T-23** Development of T-CBT model to improve the competence of midwives in prevention of depression in victims of child sexual violence  
*Triana Indrayani, Sukri Palutturi, Ridwan Amiruddin, et al.*

**13:00 – 13:30** **Poster presentation** *Banglampoo, Floor 6*

**13:30 – 15:00** **Oral presentation** *Watergate Ballroom A, Floor 6*

**Track 6: Life course health**

**Chair** : Professor Dr. Kazuhisa Miyashita  
*Wakayama Medical University, Japan*

**Co-chair:** Associate Professor Dr. Orawan Kaewboonchoo  
*Mahidol University, Thailand*

- O-25** Depression and associated psychosocial factors among post-partum mothers in Medical Officer of Health area Kolonnawa, Colombo, Sri Lanka  
*Shermi Jayasumana, Kasun Wasala*





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- O-26** Socioeconomic status, health behaviors and children's body mass index in China: Longitudinal study  
*Jing Liang, Peigang Wang*
- O-27** Effect of progressive muscle relaxation training and nursing information support on anxiety of elderly multiparas  
*Quan Shen, Yan-Qiong Ouyang, Shan Ju*
- O-28** Life expectations, reasons for school dropouts and health related problems among adolescents and youth Not on Education, Employment or Training (NEET) in Anuradhapura district  
*Dilhari G.I., Dilrukshi K.L.S., Dias W.P.N., et al.*
- O-29** Social network diversity and active aging among the Japanese elderly persons, a survey in 2019  
*Myo Nyein Aung, Motoyuki Yuasaa, Satomi Ureno, et al.*
- O-30** Factors associated with the continuum of care for maternal, newborn and child health care services in the Gambia  
*Jiyoung Oh, Kyung Hee Kim, Jae Wook Choi*

13:30 – 15:00

**Oral presentation**

Watergate Ballroom B, Floor 6

**Track 7: Occupational and Environmental Health**

**Chair** : Associate Professor Dr. Chalermchai Chaikittiporn  
*Thammasat University, Thailand*

**Co-chair:** Assistant Professor Dr. Plernpit Boonyamalik  
*Mahidol University, Thailand*

- O-31** Leptospirosis among urban service workers in Sabah, Malaysia Borneo 2017  
*Mohammad Saffree Jeffree, Azman Atil, Rohaizat Hassan, et al.*
- O-32** Recognition and prevention of overwork-related cerebrovascular and cardiovascular disease in Taiwan  
*Ro-Ting Lin*
- O-33** Residential radon and histological types of lung cancer: A meta-analysis of case-control studies  
*Cong Li, Wenshan Zhou, Jun Yu, et al.*
- O-34** Leukemia and petrochemical exposure: A meta-analysis  
*Hathaichon Boonhat, Ro-Ting Lin*
- O-35** Temporal variation of the association between particulate matter and hospital admission for cardiovascular disease in Bangkok, Thailand  
*Arthit Phosri*
- O-52** Built environment and its influences on walking habits in Seoul, Korea  
*Changwoo Shon, Jungah Kim*

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**13:30 – 15:00 Oral presentation** *Watergate Ballroom C, Floor 6*

**Track 8: Health for all and health in all policies**

**Chair** : Professor Dr. So-Yoon Kim  
*Yonsei University, South Korea*

**Co-chair:** Associate Professor Dr. Charuwan Tadadej  
*Mahidol University, Thailand*

- O-36** Do lower medication costs increase the incentive for smokers' quit attempts after relapse?  
*Yi-ei Wang, Ying-Wei Wang, Yi-Wen Tsai, et al.*
- O-37** Childhood immunization in post-conflict, hard-to-reach areas by collaboration between ethnic health organizations and government providers in Kayin State, Myanmar  
*Myat Sandi Min, Sithu Naing, Wai Linn Kyaw, et al.*
- O-38** Patterns of access to maternal, newborn, and child health services by parents' employment status and health insurance eligibility in Cambodia: A cross-sectional study  
*Akira Shibanuma, Inrasothythep Neth, Kim Net, et al.*
- O-39** Towards understanding socioeconomic inequalities in unmet healthcare needs in Korea  
*Jongnam Hwang*
- O-40** Trend in mortality of viral hepatitis associated with economic and healthcare policy development in China: An age-cohort-period characteristic analysis  
*Ying Li, Junfeng Jiang, Jianchuan Qi, et al.*
- O-41** Review of equity in access, quality and health system of maternal mortality towards effective universal health coverage in Indonesia  
*Rooswanti Soeharno, Budi Hidayat*

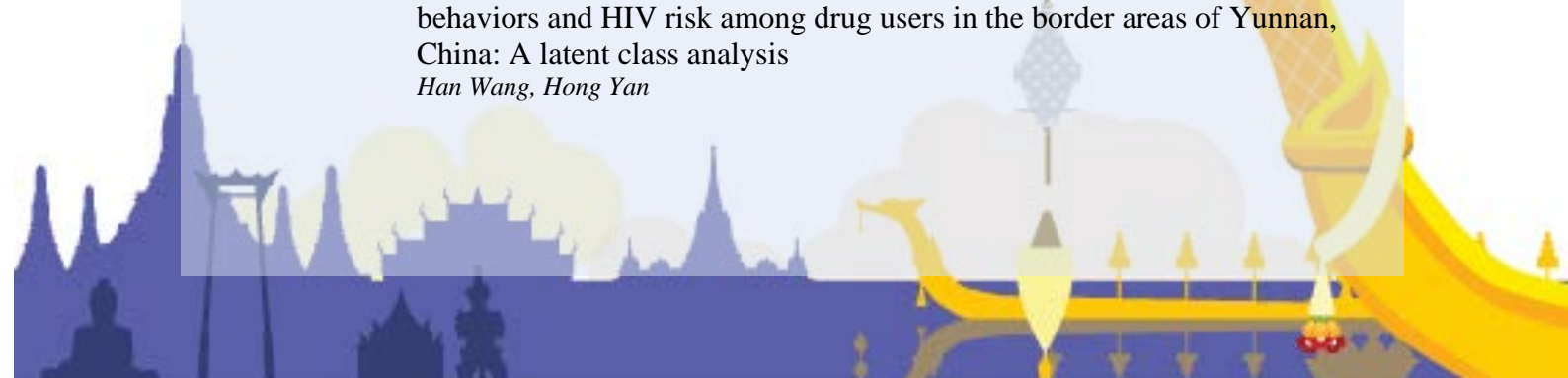
**13:30 – 15:00 Oral presentation** *Room A@7, Floor 7*

**Track 9: Health in marginalized population**

**Chair** : Professor Dr. Masamine Jimba  
*University of Tokyo, Japan*

**Co-chair:** Assistant Professor Dr. Pensri Watchalayann  
*Thammasat University, Thailand*

- O-42** Understanding lived experiences of at-risk teenage boys in Taiwan through photovoice  
*Victor Hsiao, Sunya Chen, Mellissa Withers*
- O-43** Physical and mental health of live-in female foreign domestic Workers. A quantitative survey in Hong Kong  
*Roger Yat-Nork Chung, Jonathan Ka-Long Mak*
- O-44** Relationship of HIV prevention and treatment services utilization, risky behaviors and HIV risk among drug users in the border areas of Yunnan, China: A latent class analysis  
*Han Wang, Hong Yan*





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- O-45** Women with physical disabilities in Northern Vietnam: Impacts of pregnancy on their life  
*Thi Vinh Nguyen, Julie King, Niki Edwards, et al.*
- O-46** Health care-seeking behavior during delivery among women having children under five years of age in rural areas of Kachin State, Myanmar  
*Nay Zar Win, Bang-on Thepthein*

**13:30 – 15:00 Oral presentation**

*Room C@7, Floor 7*

**Track 10: Health and social innovation and health technology**

**Chair** : Professor Dr. Hung-Yi Chiou  
*Taipei Medical University, Taiwan*

**Co-chair:** Associate Professor Dr. Usa Lek-Uthai  
*Mahidol University, Thailand*

- O-47** Sports monitoring with flying drones (moving aerial cameras) maybe cost efficient if injuries are prevented  
*Deborah Hilton*
- O-48** Validity of anthropometric and percentage body fat values estimated from a novel computer-based body image assessment program  
*Masaharu Kagawa, Sayumi Iwamoto, Kiyoko Sugita, et al.*
- O-49** Performance of rapid diagnostic tests for malaria diagnosis in children: A systematic review  
*Wen-Jun Zhu, Wen-Ru Shang, Yan-Qiu Du, et al.*
- O-50** Better services through better systems: A case study on strengthening the pharmacy inventory management system in conflict-affected ethnic areas of Myanmar  
*Aye Thinzar Oo, Rachel Whelan, Phyo Wai Minn, et al.*
- O-51** Behavior problems among grade eight school children in Jaffna district, Sri Lanka; Prevalence correlates and the effectiveness of a yoga based intervention package  
*J.T. Sivashankar, N. Sathiakumar, R. Surenthirakumaran*

**15:00 – 15:30 Networking and refreshment**

*Ballroom Foyer, Floor 6*

**15:30 – 17:30 Closing ceremony**

*Watergate Ballroom, Floor 6*

**15:30 – 16:00 Award presentation**

- Young Investigator Traveller Award (YITA)  
*By Professor Dr. Wah-Yun Low*
- Photo Competition  
*By Professor Dr. Indika Karunathilake*
- Oral/Poster presentation  
*By Associate Professor Dr. Chakrit Hirunpetcharat*

**16:00 – 16:30 Keynote speech: Health road and belt and SDGs**

Professor Dr. Wang Hui  
*Dean, School of Public Health, Shanghai Jiao Tong University, China*





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**16:30 – 17:00 Dialogue: Public health and global health education and SDGs**

- Professor Dr. Wah-Yun Low  
*President of APACPH&APJPH Editor-in-Chief, University of Malaya, Malaysia*
- Professor Dr. Kee-Seng Chia  
*National University of Singapore, Singapore*

**17:00 – 17:10 Closing remark**

Professor Dr. Wah-Yun Low  
*President of APACPH&APJPH Editor-in-Chief, University of Malaya, Malaysia*

**17:10 – 17:20 52<sup>nd</sup> APACPH conference host presentation**

*University of Airlangga, Indonesia*

**17:20 – 17:30 Closing Chorus “Singing In the Rain & Oh I Say & How Far I Go”**

*By College of Music, Mahidol University*

