



**The 14th International Conference on Public Health among
Greater Mekong Sub-Regional Countries 2024**

Conference Program Book

*“Meeting the Sustainable Development Goals
through Improved Nutrition, Health Equity,
and Climate Change Adaptation”*



*Luangprabang, Lao PDR
27-29 June 2024*



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Welcome Message From President

Dear Esteemed Colleagues and Participants,

On behalf of the organizing committee, it is our great pleasure to extend a warm welcome to the 14th International Conference on Public Health among Greater Mekong Sub-Regional countries. The conference, themed "Meeting the Sustainable Development Goals through Improved Nutrition, Health Equity, and Climate Change Adaptation," will be held in the picturesque city of Luangprabang from 27-29 June 2024.

We are excited to bring together experts, practitioners, researchers, and policymakers from across the Greater Mekong Sub-Region to exchange knowledge, share best practices, and collaborate on addressing the pressing public health challenges facing our communities. With a focus on improving nutrition, promoting health equity, and adapting to climate change, we aim to advance the collective efforts towards achieving the Sustainable Development Goals in the region.

The conference will feature engaging scientific sessions, interactive poster discussions, and insightful oral presentations, providing a platform for meaningful dialogue and knowledge dissemination. We are confident that the conference will foster productive discussions and lead to innovative solutions that will contribute to the advancement of public health in our region.

We look forward to welcoming you to Luangprabang City and to the vibrant exchange of ideas and experiences that will take place during the conference. Together, let us work towards building a healthier, more equitable, and sustainable future for all.

With warm regards,

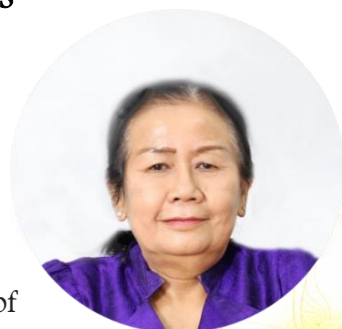
Assoc. Prof. Dr. Bounthom Samountry
President of the University of Health Sciences,
The Organizing Committee
14th International Conference on Public Health among Greater Mekong Sub-Regional Countries



WELCOME MESSAGE FROM DEAN OF THE FACULTY OF PUBLIC HEALTH, UNIVERSITY OF HEALTH SCIENCES, LAO PDR

Dear Rectors, Deans, Vice Deans of the Faculty of Public Health from GMS Countries, Distinguished Guests, Ladies and Gentlemen

It is my great pleasure and privilege to host the 14th International Conference on Public Health among the Greater Mekong Sub-Regional Countries in Luangprabang City, July 27-29, 2024 at the Pullman Hotel, Lao PDR. As you know, the GMS Public Health Academic Network aims to achieve a shared vision of achieving the highest possible level of health among our people in the Greater Mekong Sub-region. The Network's member institutions worked together to enhance regional capacity for addressing major public health challenges through the delivery of education, research, and policy advocacy for health in the region.



The theme of the 14th GMS Public Health Conference, "**Meeting the Sustainable Development Goal (SDG) through Climate Change Adaptation, Improving Nutrition Promotion, and Health Equity**", marks a strong foundation now in place for public health cooperation among GMS countries during the last 14 years, and with active development partners, progress will accelerate. The aim of this conference was to share research results in the field of public health as well as in existing health problems among greater Mekong Sub-Regional countries and to search for feasible solutions to enhance international collaboration among public health faculties in the Mekong Sub-Region and a wider area of Southeast Asian countries on training and research in public health.

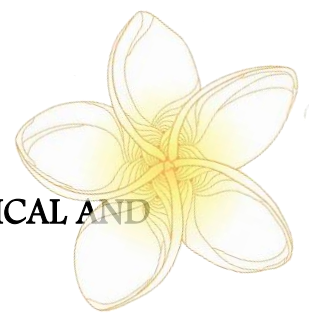
I would like to thank the Dean/Vice Deans for the fine arrangements and warm hospitality of the participants of the 14th GMS Conference, especially Prof. Wongsala Laohasiriwong, Dean of the Faculty of Public Health, Khon Kaen University.

I would like to express my deep appreciation for all the Deans' long-standing support for the GMS Conference and invite participation by all interested participants. I hope this conference will be successful and productive and will encourage ongoing cooperation between the Deans of the Faculty of Public Health among GMS countries.

Assoc. Prof. Dr. Vanphanom Sychareun

Dean of the Faculty of Public Health, University of Health Sciences, Lao PDR

WELCOME MESSAGE FROM DIRECTOR GENERAL OF THE LAO TROPICAL AND PUBLIC HEALTH INSTITUTE, LAO PDR



Dear Distinguished Guests, Ladies and Gentlemen

It is my pleasure and honoured to be a co-host the 14th International Conference on Public Health among Greater Mekong Sub-Regional countries in Luangprabang City, 27-29 June 2024, Lao PDR. I would like to warmly welcome deans, delegates, students, ladies, and gentlemen. Moreover, I would like to welcome all guests who attend this international conference with the main theme "**Meeting the Sustainable Development Goal (SDG) through Climate Change Adaptation, Improving Nutrition Promotion, and Health Equity**".



As we know this conference serves as a platform for researchers, policymakers, and development partners to share research evidence and collaborate on generating new evidence in the field of public health. The aim of this conference was to create an inclusive and dynamic environment for knowledge exchange, sharing best practices, and collective learning.

On behalf of Lao Tropical and Public Health (Lao TPHI), I would like to express my sincere appreciation to all the Deans and colleagues for their great support for the annual GMS Conference. Hopefully this great support and collaboration will be continued. May I wish this conference a great success and a wonderful day to all!

Dr. Latsamy Siengsounthone

Director General of the Lao Tropical and Public Health Institute

WELCOME MESSAGE FROM DEAN OF THE FACULTY OF PUBLIC HEALTH, KHONE KAEN UNIVERSITY, THAILAND

Speech for 14th GMS Conference 2024

Professor Dr. Wongsra Laohasiriwong,

Dean, Faculty of Public Health, Khon Kaen University, Thailand

[Chairperson of the GMS Public Health Academic Network](#)



Rectors, deans, administrators, lecturers, delegates, students, and all participants, ladies and gentlemen,

I stand before you today with a profound sense of purpose and urgency as we convene at this significant gathering focused on the public health challenges facing the Greater Mekong Subregion (GMS) countries. As the [chairperson of the GMS Public Health Academic Network](#) I am deeply honored to address such a distinguished audience comprising scholars, practitioners, policymakers, and advocates dedicated to advancing the health and well-being of our region in the 14th International Public Health Conference among GMS Countries with the theme “Meeting the Sustainable Development Goals through Improved Nutrition, Health Equity, and Climate Change Adaptation.” The Greater Mekong Subregion has a diverse culture, abundant natural resources, and significant economic potential. However, it is also a region dealing with complicated health concerns that necessitate coordinated efforts and novel solutions.

The Greater Mekong Subregion (GMS) Public Health Academic Network began in 2008. The Network is dedicated to improving the quality and relevance of educational and training programs in public health in the GMS. The Network is in charge of enhancing collaboration and partnership across the GMS's public health institutions, as well as facilitating collaborative actions among existing networks, policymakers, and researchers interested in health policy and research. The Network also provides a venue for health personnel, academics, and researchers, particularly graduate students and young academic staff from the GMS region, to communicate and exchange scientific and professional expertise in public health from their respective nations. Beyond the immediate threat of COVID-19, we must also address the broader health determinants that disseminate health inequities and hinder sustainable development in our region [which have been stated in SDGs](#). In this regard, I urge all stakeholders gathered here today to prioritize investments in healthcare infrastructure, workforce development, and health promotion initiatives that empower individuals and communities to lead healthier lives. We must adopt a 'health in all policies' approach that integrates health considerations into decision-making across sectors, including education, agriculture, transportation, and urban planning. Furthermore, we must use the power of research, innovation, and technology to drive evidence-based solutions and increase health-care system resilience in the face of new challenges. Collaboration across academics, government agencies, civil society organizations, and the commercial sector is critical for realizing the full potential of scientific advances and turning research discoveries into actual benefits for our communities.

As we map the future of public health in the Greater Mekong Subregion, let us remain guided by the principles of equity, solidarity, and sustainability. Together, we have the collective capacity to overcome the most pressing health challenges of our time and build a healthier, more prosperous future for all.

Thank you !!

WELCOME MESSAGE FROM DEAN OF THE FACULTY OF PUBLIC, UNIVERSITY OF MEDICINE AND PHARMACY, HUE UNIVERSITY, VIETNAM

Dear Esteemed Guests, Esteemed Colleagues, and Distinguished Participants,

On behalf of the Faculty of Public Health, University of Medicine and Pharmacy, Hue University, I extend a warm welcome to the 14th International Conference on Public Health in the Greater Mekong Sub-Region Countries (ICPH-GMS14) with the main theme, **"Meeting the Sustainable Development Goal (SDG) through Climate Change Adaptation, Improving Nutrition Promotion, and Health Equity"**. We are honored to participate in this significant event and are delighted to visit the charming city - Luang Prabang, Lao PDR. As a founding member of the Greater Mekong Sub-region Public Health Academic Network, our faculty has been actively contributing to the advancement of public health education, research, and collaboration in the region. This annual conference serves as a crucial platform for our network members to work together towards our shared vision.

The conference theme is particularly relevant in the current global context, as we face pressing challenges related to Climate Change, Nutrition, and Health Equity. By bringing together experts, researchers, policymakers, practitioners, and young scholars from the Greater Mekong Sub-region and beyond, it is aimed to create an inclusive and dynamic environment for knowledge exchange, sharing best practices, and collective learning. In addition to the engaging scientific program, there will be vibrant social activities that foster networking, nurture new collaborations, and strengthen partnerships. These interactions will help us collectively drive positive change in public health.

I would like to express my deep gratitude to the organizing committee, dedicated staff, and countless individuals and organizations who have worked tirelessly to make this conference a reality. I also extend my sincere appreciation to all members of the Network, Distinguished Guests, and Participants for your presence in this endeavor. I wish you all enjoy a pleasant stay and create many memorable experiences in this beautiful and peaceful city.

Dr. Dang Thi Anh Thu, MD, MPH, PhD
Dean of Public Health Faculty
Director of Institute for Community Health Research
University of Medicine and Pharmacy, Hue University, Vietnam



**WELCOME MESSAGE FROM DEAN OF THE SCHOOL OF PUBLIC HEALTH, KUNMING
MEDICAL UNIVERSITY, KUNMING, CHINA**

Dear Esteemed Friends,

It is my great pleasure to participate in the GMS14 conference. This is a prestigious gathering of brilliant minds in the field of Public Health. I would like to deliver my warm greetings to all my colleagues and friends.

The theme of this year is “supporting sustainable development goal (SDG), through climate change adaptation, improving nutrition promotion and health equity”. We live in an era of thriving technologies accompanied by growing challenges. Public health researchers are responsible for finding the balance among human health, environmental protection and economic growth. To address this issue, we will be engaging in thought-provoking discussions, exchanging ideas and exploring collaborations. I believe this conference will foster a global cross-disciplinary dialogue that can shed light on the challenges we are facing together. At the meantime, I hope that you find inspiration and establish valuable connections during your stay.

I am honored for being a part of this incredible community. I wish you a productive and memorable experience!

Sincerely,

Prof. Dr. Cai Le
Acting Dean
School of Public Health,
Kunming Medical University
Kunming, China



WELCOME MESSAGE FROM THE DEAN SCHOOL OF PUBLIC HEALTH, NATIONAL INSTITUTE OF PUBLIC HEALTH, CAMBODIA

Dear Distinguished Guests

I would like to warmly welcome deans, delegates, students, ladies, and gentlemen to the 14th International Conference in Public Health among GMS countries in Laos. This 14th conference reflects the strong commitment of the School of Public Health network in GMS in the last 14 years and continues to provide a platform for students and young scientists to share their work, to exchange ideas and to establish networks in the field of public health.

As one of the members in the network, the National Institute of Public Health, Cambodia commits to support this event in the future to enrich the exchange of Public Health knowledge among students in the region and around the globe.

I would like to take this opportunity to thank the organizing committee and all members of the networks, and I would like to wish you all a pleasant stay in Laos.



Chhea, Chhorvann, MD., MPH, PhD
Dean School of Public Health,
National Institute of Public Health, Cambodia

WELCOME MESSAGE FROM DEAN OF UNIVERSITY OF PUBLIC HEALTH, YANGON, MYANMAR

Dear Distinguished Guests

It is with great pleasure that I extend a warm welcome to each and every one of you to the 14th International Conference in Public Health among the Greater Mekong Subregion (GMS) countries, hosted in Laos. This 14th conference provides professionals and scholars in the field of public health with the opportunity to share knowledge, exchange ideas, and strengthen our collaborative efforts towards better health outcomes for our region. Moreover, it offers a forum for meaningful partnerships and collaborations that extend beyond borders, disciplines, and sectors.

As the University of Public Health, Myanmar, one of the members of the School of Public Health network in GMS, our university dedicates itself to not only actively participating in this conference but also actively supporting and contributing to the ongoing efforts of this network.

Once again, welcome to the 14th International Public Health Conference among GMS countries in Laos. Together, let us pave the way towards a brighter tomorrow.



Prof. Hla Hla Win

MBBS, M.Med.Sc(P&TM), PhD(Public health) Dip Med.Ed
Rector, University of Public Health, Yangon, Myanmar

14th International Conference on Public Health among Greater Mekong Sub-Regional Countries 2024

Theme: “Meeting the Sustainable Development Goals through Improved Nutrition, Health Equity, and Climate Change Adaptation”

Venue: Pullman Hotel, Luangprabang, Lao PDR

Program Overview

Pre conference:

Day 0 ⇒ 27 th June, 2024		
ROOM 1		Namkhong Hall 1
08:00-08:45	Registration	
08:45-12:00	Workshop I: Tools and methods for assessing food safety	Ms. Patricia Sipes, Project Manager, International Programs in Agriculture, Purdue University Ms. Leah Thompson, PhD Candidate, Department of Animal Sciences, Purdue University
12:30-13:30	Lunch break	
13:30-16:00	Workshop II: Understanding and studying food environments	Dr. Ramya Ambikapathi, Senior Research Associate, Cornell University
ROOM 2		Namkhong Hall 2
08:00-08:45	Registration	
8:45-12:00	Workshop III: Survey Design	Dr. Kate Eddens, Assoc. Research Scientist, Indiana University School of Public Health - Bloomington Ms. Susmita Ghosh, PhD Candidate, Department of Public Health, Purdue University
12:30-13:30	Lunch break	
13:30-16:00	Workshop IV: Applying for Graduate Study in the U.S.A	Prof. Dr. Gerald E. Shively Associate Dean and Director of International Programs in Agriculture, Purdue University
ROOM 3		Library
8:45-12:00	Workshop V: Learning Health Public Systems: an example from immunization program	Prof. Fiona Russell, Melbourne University Prof Nigel Crawford, Head of the Immunisation service at the Royal Children’s Hospital; Chair of ATAGI
13:00-13:30	Registration	
13:30-16:00	Workshop VI: Learning Health Public Systems: an example from immunization program	Prof. Fiona Russell, Melbourne University Prof Nigel Crawford, Head of the Immunisation service at the Royal Children’s Hospital; Chair of ATAGI
ROOM 4		Namkhan Hall
08:00-08:45	Registration	

ICPH-GMS14: “Meeting the Sustainable Development Goals through Improved Nutrition, Health Equity, and Climate Change Adaptation”

Day 0 ⇒ 27 th June, 2024		
08:45~12:00	Workshop VII: Introduction to statistical methods for nutrition and health research	Assoc.Prof.Dr. Nilupa Gunaratna, Department of Public Health, Purdue University.
12:30~13:30	Lunch break	
13:30~16:00	Workshop VIII: Pitfalls in regression analysis Measurement Error in Nutrition and Public Health Research	Assoc.Prof. Dr. Roger S. Zoh, Assoc.Prof. Dr. Dwele Carmen Tekwe Department of Epidemiology and Biostatistics / School of Public Health, Indiana University Bloomington
16.30~17.30	Dean's Meeting	Namkhan Hall
Day 1 ⇒ 28 th June, 2024		
07:30~08:30	Registration	Room
08:30~08:40	Opening and Welcome	
08:30~08:40	Welcome Speech~ Assoc. Prof. Dr. Vanphanom Sychareun	
	Remark Speech from the Vice Rector of UHS~ Dr. Phasouk Vongvichit	
08:40~08:50	Speech from the Chair of GMS Network~ Professor Dr. Wongsa Laohasiriwong	
08:50~09:00	Opening Speech- H.E. Dr. Bounfeng Phommalaith	
08.50~09:00	Handle over Outstanding Awards to the Founders, Faculty, Dean, Individuals	
9:00~09.10	Invited All Deans of the Faculty of Public Health, GMS countries and Delegates ~ Group Photo	
9:10~10:40	Plenary session I • Chair: Prof. Kazuhiko Moji • Co-chair: Prof. Fiona Russell - Speaker 1: Nutrition Needs and a Changing Climate: Pathways, Evidence and Action ~ Prof. Dr. Gerald E. Shively - Speaker 2: Chances and Challenges of large scale food fortification (LSFF) ~Prof. Florian Schweigert	Namkhong Hall
10:40~10:50	Coffee break & Poster View	
10:50~12:35	Plenary session II - Chair: Prof Nigel Crawford, Australia - Co-chair: Dr. Chansaly Phommavong, Deputy Director of Department of Planning and Finance, Ministry of Health - Speaker 3: Lao PDR case study: Health Adaptation Plan (HNAP) developed, based on the WHO Operational Framework for Building Climate Resilient Health Systems Dr. Lkhasuren Oyuntogos, Team leader of Environmental health program, WHO, Lao PDR	Namkhong Hall



Day 1 ⇒ 28 th June, 2024		
	- Speaker 4: SDGs linked to Health, Nutrition and Climate Change- Dr. Park Yu Lee, Coordinator Health System Development, WHO, Lao PDR	
12:35~13:30	Lunch and Poster View	
13:30~15:10	Parallel session I-Maternal and Child Health, Sexual Reproductive Health (SDG 3) (Group 1) <ul style="list-style-type: none"> • Chair: Assoc. Prof. Dr. Nithra Kitreerawutiwong, Naresuan University • Co-Chair: Assoc. Prof. Dr. Tanida Phatisena, NRU • Assist. Prof. Dr. Junjira Mahaboon, Walailak University • Assoc. Prof. Dr. Nilupa Gunaratna, Department of Public Health, Purdue University 	Namkhong Hall 1
	Parallel session II-Nutrition Promotion and Food safety (SDG 2) <ul style="list-style-type: none"> • Chair: Assist. Prof. Dr. Supabhorn Yimthiang, Walailak University • Co-chair: Dr. Rattiphone Oula, CRS • Assist. Prof. Dr. Naowarat Maneenin, KKU • Dr. Kate Eddens, Assoc. Research Scientist, Indiana University School of Public Health - Bloomington 	Namkhong Hall 2
	Parallel session III- Environmental and Occupational Health - One Health – Eco Health. & Global warming and Climate change adaptation (SDG 13), Health Equity to UHC (Group 1) <ul style="list-style-type: none"> • Chair: Dr. Ramya Ambikapathi, Senior Research Associate, Cornell University • Co-chair: Assoc. Prof. Dr. Sunisa Chaiklieng • Asst. Prof. Thiwakorn Rachutorn, Nakhon Ratchasima Rajabhat University • Dr. Te Vannnarath, NIOPH 	Namkhan Hall
	Parallel session IV- Epidemiology of Communicable and Non-communicable Diseases (Group 1) <ul style="list-style-type: none"> • Chair: Prof. Vo Van Thang, HUMP • Co-chair: Assoc. Prof. Dr. Roger Sai Zoh, Indiana University • Prof. Dr. Waraporn Boochieng, CMU • Dr. Romnalin Keanjoom, Naresuan University 	Library
14.30~15.20	Online Session: Health Literacy and Health Promotion <ul style="list-style-type: none"> • Chair: Hon. Prof. Dr. Sengchanh Kounnavong, LaoTPHI • Co-chair: Dr. Visanou Hansana, Vice Director of IRED, UHS • Dr. Phonethipsavanh Nouanthong, Lao NITAG 	Secretary Room
15:10~15:20	Coffee Break	
15:20~17:20	Parallel session V- Health Service and Healthcare Management (Group 1) <ul style="list-style-type: none"> • Chair: Dr. Dang Thi Anh Thu, HUMP 	Namkhong Hall 1



Day 1 ⇒ 28 th June, 2024		
	<ul style="list-style-type: none"> • Co-chair: Assoc. Prof. Kulthida Bunjongsiri, Sukhothai Thammathirat Open University • Asst. Prof. Dr. Mahato Roshan Kumar, KKU • Ms. Susmita Ghosh, PhD Candidate, Department of Public Health, Purdue University 	
	Parallel session VI- Health Literacy and Health Promotion (Group 1) <ul style="list-style-type: none"> • Chair: Asst.Prof. Soisuda Kesornthong, Thammasath University • Co-chair: Dr. Visanou Hansana, UHS • Assoc.Prof. Dr. Vorapoj Promsatayaprot, MHSU • Dr. Nguyen Hoang Thuy Linh, HUMP 	Namkhong Hall 2
	Parallel session VII- Maternal and Child Health, Sexual Reproductive Health (SDG 3) (Group 2) <ul style="list-style-type: none"> • Chair: Assoc. Prof. Dr. Chanthanom Mainthip, Vice President Lao Red Cross, Lao PDR • Co-chair: Dr. Sabrina Locatelli, IRD representative, Lao PDR • Assoc. Prof. Dr. Taweewun Srisookkum, Phayao University • Ms. Kelley Khamphouxay, CRS 	Namkhan Hall
	Parallel session VIII- HIV/AIDS, TB and Malaria (SDG 3) <ul style="list-style-type: none"> • Chair: Assoc. Prof. Katiya Ivanovitch, Thammasath University • Co-chair: Dr. Khampheng Phonglusa, DG LaoTPHI • Asst. Prof. Dr. Anukool Manoton, University of Phayao • Dr. Dirk Rombot Essink, VU, Netherland 	Library
18:30-21:00	Welcome dinner at Vonethabing Hall, Thongsi Princess.	Luang Prabang

Day 2 ⇒ 29 th June, 2024		
8:30-9:45	Plenary session II <ul style="list-style-type: none"> • Chair: Prof. Sathirakone Pongpanich, Chulalongkorn University - Co-chair: Hon.Prof. Sengchanh Kounnavong - Speaker 5: Climate and Nutrition- Professor Dr. Wongsu Laohasiriwong, Dean of the Faculty of Public Health, Khon Kaen University - Speaker 6: Health Equity to Health and UHC- Prof. Natasha Howard- from NUS 	Namkhong Hall
9:45-10:45	Panel discussion I Climate Change and Impact on Human Health in GMS: How to work together? 6 Deans of FPH among GMS countries Moderator: Mrs. Kelly Khamphoxay Panelists: Dean from Faculty of Public Health, Lao PDR, KKU Thailand, Hue University Pharmacy and Medicine,	Namkhong Hall

	NIOPH, Cambodia, Kumming Medical University, Myanmar University of Public Health	
10:45~11:00	Coffee break & Poster View	
11:00~12:30	Parallel Session IX- Epidemiology of Communicable and Non-communicable Diseases (Group 2) Chair: Prof. Chea Chhorvann, NIOPH, Cambodia <ul style="list-style-type: none"> • Co-chair: Assoc. Prof. Wallapa Choeibuakaew, Thaksin University • Assoc. Prof. Kowit Suwannahong, Burapha University • Asst. Prof. Dr. Roshan Mahato Kumar, KKU 	Namkhong Hall 1
	Parallel session X- Maternal and Child Health, Sexual Reproductive Health (SDG 3) (Group 3) <ul style="list-style-type: none"> • Chair: Prof. Dr. Chitlada Areesantichai, Chulalongkorn University • Co-chair: Assoc.Prof. Sumattana Glangkarn, Mahasarakham University • Dr. Latsamy Siengsounthone, LaoTPHI • Asst. Prof. Thanakrit Neamhom, Mahidol University 	Namkhong Hall 2
	Parallel session XI- Environmental and Occupational Health - One Health – Eco Health; Global warming and Climate change adaptation; Health Equity to UHC (Group 2) <ul style="list-style-type: none"> • Chair: Asst. Prof. Somkid Juawa, Phayao University • Co-chair: Asst. Prof. Montakarn Chuemchit, Chulalongkorn University • Dr. Boonruang Kanoukhan, Thaksin University • Dr. Phetsamone Matouchanh, UHS 	Namkhan Hall
	Parallel session XII- Mental Health <ul style="list-style-type: none"> • Chair: Assoc. Prof. Yuvadee Rodjarkpai, Burapha University • Co-chair: Prof. Hla Hla Win, University of Public Health, Yangon, Myanmar • Dr. Tiwakron Prachaiboon, KKU • Assoc.Prof. Kongmany Chaleunvong, UHS 	Library
12:30~13:30	Lunch and Poster View	
13:30~15:10	Parallel session XIII- Health Literacy and Health Promotion (Group 2)+ Health Service and Healthcare Management <ul style="list-style-type: none"> • Chair: Assoc. Prof. Dr. Nitikorn Phoosuwan, Kasetsart University • Co-chair: Asst. Prof. Dr. Aree Butsorn, Ubon Rachathani University • Assist. Prof. Dr. Chaiwut Bourneow, MHS University • Dr. Kate Eddens, Assoc. Research Scientist, Indiana University School of Public Health - Bloomington 	Namkhong Hall 1
	Parallel session XIV- Health Service and Healthcare Management (Group 2) <ul style="list-style-type: none"> • Chair: Asst. Prof. Dr. Kitti Laosupap, Ubon Rachathani University 	

	<ul style="list-style-type: none"> • Co-chair: Dr. Saroj Nakju, Rhamkhamheang University • Asst. Prof. Kittipong Sornlorm, KKU • Dr. Nilar Aye Tun, University of Public Health, Yangon, Myanmar 	Namkhong Hall 2
	<p>Parallel session XV- Environmental and Occupational Health ~ One Health – Eco Health; Global warming and Climate change adaptation; Health Equity to UHC (Group 3)</p> <ul style="list-style-type: none"> • Chair: Prof. Dr. Suwat Chariyalertsak • Co-chair: Assoc. Prof. Dr. Warangkana Chankong, Sukkhothai University • Prof. Tran Thi Tuyet Hanh, HUPH • Dr. Dirk Rombot Essink, VU, Netherland 	Namkhan Hall
	<p>Parallel session XVI- Epidemiology of Communicable and Non-communicable Diseases (Group 3)</p> <ul style="list-style-type: none"> • Chair: Prof. Dr. Le Thi Thanh Huong, HUPH • Co-chair: Assoc. Prof. Dr. Orawan Kaewboonchoo, Mahidol • Assist.Prof. Kavin Thinkhamrop, KKU • Assoc.Prof. Alongkone Phengsavanh, UHS 	Library
15:10~15:20	Coffee Break	
15:20~16:00	Closing and Awards the best oral and poster presenters Handover 15 ICPH among GMS Countries to the next host	Namkhong Hall



Keynote Speakers





Keynote Speaker 1

Nutrition Needs and a Changing Climate: Pathways, Evidence and Action



Short Biography

Professor and Associate Dean Shively, International Programs in Agriculture, Purdue University, USA

Name: Professor Dr. Gerald Shively

Position: Associate Dean and Director of International Programs in Agriculture; Professor of Agricultural Economics

University: Purdue University, USA


City, State, Country: 615 Mitch Daniels Blvd., West Lafayette, Indiana, 47907 USA

Email: shivelyg@purdue.edu

Dr. Gerald Shively currently serves as Associate Dean and Director of International Programs in the College of Agriculture at Purdue University. A Professor of Agricultural Economics and a Faculty Fellow for Global Affairs, he has served on the Purdue faculty since 1996 and has more than 25 years of research experience working in the areas of agricultural development, food and nutrition security and natural resource management worldwide. He has published more than 200 scholarly works and has received numerous teaching and research awards. He is a Fellow of both the International Association of Agricultural Economists and the African Association of Agricultural Economists. He serves as Principal Investigator for the USAID-funded project Applied Nutrition Research Capacity Building (ANRCB) in Lao PDR.

Abstract

Through its effects on temperature and precipitation patterns, climate change is widely expected to impact crop yields and food supplies. Negative impacts on food security and the nutritional status of low-income and vulnerable individuals are likely to be especially acute. This presentation highlights some of the conceptual and empirical links between climate and nutrition insecurity, presents empirical evidence regarding these connections, and outlines several action items for further research and policy attention



Keynote Speaker 2

Opportunities and challenges of large-scale food fortification

Prof. Dr. Florian J. Schweigert



Short Bio

Prof. Dr. Florian J. Schweigert is an internationally recognized scientist in the field of human and animal nutrition, academic administrator and entrepreneur. His research focuses on nutritional biomarkers in the context of metabolic syndrome and micronutrient deficiencies, particularly in developing countries. The results of his work have been published in more than 250 scientific publications (6300 citations, HF=41) in international journals. He completed his veterinary studies at the University of Munich and was an academic fellow at Harvard Medical School, Boston, US. After working as a Full Professor at the University of Leipzig, he held the Chair of Physiology and Pathophysiology of Nutrition and was Vice-President for International Affairs and Fundraising at the University of Potsdam. At the European level, he has served as Chair of the European Digital UniverCity (EDUC) Alliance, is Vice President of the Turkish-German University Consortium, and is a member of a number of international academic boards. Innovative research ideas and concepts have led to the creation of several spin-off companies. As CEO, he leads BioAnalyt and QuImpact, which are dedicated to developing innovative testing systems for the food and feed industry, personalised diagnostics, and strategic implementation of nutrition improvement programmes in close cooperation with the Bill & Melinda Gates Foundation.

Abstract

Large-scale food fortification (LSFF), is a critical intervention that addresses global micronutrient deficiencies through the strategic fortification of commonly consumed foods such as rice, flour, salt or edible oil with vitamins and minerals. It is a key public health strategy with the dual potential to significantly improve nutritional status and drive economic progress by improving health outcomes and labour productivity. Despite the obvious benefits, the implementation of food fortification on a mass scale faces several technical, logistical, cultural and regulatory challenges. These challenges require quality control, effective supply chain management, cultural and consumer acceptance, and the establishment of robust policy and regulatory frameworks. Examples for both successful implementations and the obstacles faced, will be presented providing a balanced perspective on the practicalities of food fortification at scale. The discourse extends to the critical role of cross-sector partnerships, technological innovation in fortification processes, and the indispensable need for comprehensive public education to ensure consumer acceptance. Finally, the presentation advocates for a unified approach among governments, industry players, NGOs and communities to navigate the complexities of food fortification and underscores its potential as a game-changer in the global fight against malnutrition. The future of food fortification is considered in the context of emerging trends and potential advances, calling for concerted efforts to realise its full public health potential.

Keynote Speaker 3

Lao PDR case study: Health Adaptation Plan (HNAP) developed, based on the WHO Operational Framework for Building Climate Resilient Health Systems

Oyuntogos Lkhasuren¹, Dilip Hensman, Souvanaly Thammavong, Bounthanom Phimmasoni, Sengphet Keomany, Snong Thongsna

¹Corresponding author. Contact: LkhasurenO@who.int. Technical officer in Environmental Health, WHO Country Office for Lao PDR,



Bio: Oyuntogos Lkhasuren, technical officer in environmental health, and team leader of environmental health unit, of the WHO LAO PDR office.

Experiences: Lecturer and chair of department of environmental health, Health Sciences University, Mongolia, from 1997-2010, technical officer in environmental health, WHO Mongolia office, 2011-2013, working in WHO Lao office from 2014.

Qualification: Bachelor in Hygiene (1990-1995, graduated in 1995), Master of Public health (1995 – 1997), PhD in Occupational Health (2002-2005) from the National Health Sciences University of Mongolia. Studied at Korean Occupational Safety and Health Research Institute (1999-2000), research fellow at University of Medicine, Innsbruck University, Austria (2006), Emory University (2008). Managing programmes in assessing vulnerability of climate change, developing health adaptation plan, strengthening capacity to assess and manage climate risks and integrating climate risks with disease surveillance for early warning and response.

Abstract

Background: Increases in the severity and frequency of extreme weather events such as flooding, droughts, and heatwaves, as well as changing rainfall patterns and higher temperatures are already being experienced in Lao PDR. the Government of the Lao PDR has also taken steps to make the country more resilient to the impacts of climate change, especially in vulnerable sectors such as public health, agriculture, forestry and land use, water resources, transport, and energy (1,2). For public health, the country developed its Strategy on Climate Change and Health Adaptation 2018–2025 and Action Plan 2018–2020, defining the strategic direction for building a climate-resilient health system. A priority area of the strategy is to build climate-resilient water sanitation hygiene and health care waste management services and health care facilities in flood-prone areas (2,4).

WHO operational Framework for building climate resilient health systems were used, successfully in the country for developing the health adaptation plan. The operational framework includes systematic stepwise approach. Priority health outcomes and risks to climate change defined for adaptation measures defined, as it is estimated at least 40,000 extra people in Lao PDR will be exposed to flooding due to climate change by 2030, heat-related death in the elderly (65+ years) are projected to increase from 3 to 72 deaths per 100,000 by 2080.

- *Vector-borne diseases will increase because the mean relative vectorial capacity for dengue fever transmission is projected to increase from the baseline of 0.55 to about 0.62 towards 2070.*

- *Water-borne diseases* such as diarrhoea are correlated with drier seasons in Lao PDR when water quality and security is threatened.
- *Heat-related medical conditions* are projected to increase due to heatwaves. Under a high emissions scenario in Lao PDR, heat-related deaths among elderly people are expected to increase to approximately 72 per 100,000 by 2080, compared with 3 per 100,000 worldwide from 1961 to 1990 (3).

The HNAP is key to addressing health equity issues and supports the improvement of adaptation capacity building activities in most vulnerable health care facilities and rural poor districts. Adaptation menu options are targeting women and children living in poor, rural, hard to reach villages, and outdoor workers, farmers and the elderly during heat waves identified as vulnerable groups.

Over 160 adaptation actions developed based on six Building Blocks of the WHO Operational Framework for Building Climate-Resilient Health Care Systems (6). Safe, Clean, Green, and Climate-resilient hospital - integrated interventions prioritized and included in the 2024 - annual workplan of the national and sub-national health departments.

Adaptation capacity of water sanitation and health service in health care facilities survey results reveal that while most facilities (70%) have basic water services, 16% functional hand hygiene facilities at both points of care and toilets and 19% have basic waste management services (3). Evidence-based suggestions for actions to strengthen and improve WASH services and climate resiliency in HCFs and a monitoring framework providing a consistent approach to capturing data and a baseline for monitoring progress on WASH services and climate resilience until 2025, and beyond to 2030 designed (4). The survey also reveals that very few health care facilities are climate resilient, even though a large majority of facilities have reportedly been impacted by extreme weather events in the last 20 years. Over half of HCFs that experienced extreme weather events attributable to climate change have been severely damaged in the last two decades, yet only 1% of HCFs have any measures in place to reduce their vulnerability to extreme weather events (5).

The HNAP is targeting underserved health care facilities that have been identified by the National WASH Survey and give them priority for further adaptation capacity building (7).

Keynote Speaker 4

Accelerating the progress of achieving the Sustainable Development Goals on health, nutrition and climate change: data-informed planning and innovation

Yu Lee PARK¹, Achala Upendra JAYATILLEKE¹, Dilip HENSMAN², Oyuntogos LKHASUREN¹,
Chansaly PHOMMAVONG³, Bounsarth KEOPRASITH³

¹World Health Organization Representative Office, Lao PDR

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³Ministry of Health, Lao PDR

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Dr YU LEE PARK graduated Medical Doctor from WONKWANG UNIVERSITY, South Korea in 1998, Master of Public Health from JOHNS HOPKINS UNIVERSITY, Baltimore, USA in 2008 and PhD in Medicine at WONKWANG UNIVERSITY, Iksan, Korea in 2011. Now, She is working as WHO Representative Office in Lao People's Democratic Republic. She has an intensive working experience in WHO such as she was **Technical Officer (Traditional Medicine)**, Integrated Service Delivery Unit, Divisions of Health Systems, WHO Regional Office for the Western Pacific from 2016-2019. She also was **Senior Researcher and Research Professor**, College of Korean Medicine, Kyung Hee University, Gachon University, Seongnam, Wonkwang University, Seoul, Korea.

Abstract

Global and regional context

While every Member State in the world has made enormous efforts in advancing the SDGs since 2015, the 2023 Sustainable Development Goals Report revealed alarming results (1). At the midpoint to the deadline of the 2030 agenda, half of 140 targets which have data available for the evaluation are off track, and 30% of these targets, specifically targets on poverty, hunger and climate, show no progress or regression. The report also underscored inequities, how the COVID-19 pandemic, the triple planetary crisis and the complex geopolitical situation have had disproportionate impacts across the globe and within a country. The result is aligned with the Asia and the Pacific SDG Progress Report 2024 (2). The Asia and the Pacific SDG Progress Report 2024 also alerted the Region with extremely slow progress across all 17 SDGs in the Asia and Pacific Region and urges immediate action for climate change which showed regression below the 2015 baseline. Its sub-analysis for South-East Asia suggests that moderate progress on the SDG 3 Good health and well-being; low progress in the SDG 2 Zero hunger; regression in the SDG 13 Climate action and the SDG 12 Responsible consumption and production; and little progress in other SDGs related to climate change.

Six Transitions: Investment Pathways to Deliver the SDGs

In this context, the United Nations proposed six key transitions to accelerate the progress (3): food systems; energy access and affordability; digital connectivity; education; jobs and social protection; and climate change, biodiversity loss and pollution. The SDGs are intertwined, which requires an integrated approach to accelerate the progress across the 17 SDGs. All the key transitions are also interconnected in accelerating the progress of multiple SDGs. The significant impact of climate change on health and nutrition now urges our collective actions to address these challenges in more strategic, innovative and integrated ways (4,5). In the health sector, there are various efforts to build the resilient and sustainable health system to



achieve the universal health coverage and other health-related SDGs. Here, a couple of selected innovative approaches in the health sector in Lao PDR will be introduced, using one of the key six transitions, digital transformation.

Actions in the health sector, Lao PDR: Data-informed planning and digital transformation to accelerate the progress in achieving the SDGs on health, nutrition and climate change

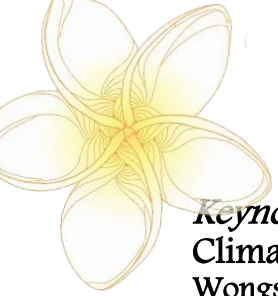
In alignment with priorities of the Health Sector Reform Strategy 2021-2030 (6) and the 9th Health Sector Development Plan (7), the Ministry of Health (MOH), Lao PDR has made great efforts to enhance data-informed planning for strategic resource allocation with strong emphasis on vulnerable populations, using the geographic information system. The MOH has mapped all the socio-demographic data of the catchment areas, road access, geographical locations of health facilities, human resources for health, and utilization of healthcare services using the District Health Information Software version 2 into the map of Lao PDR to support the subnational planning for strengthening primary health care. Furthermore, since malnutrition has been identified as a significant public health and development issue in Lao PDR, MOH (8), with support from various development partners, has invested in improving nutrition surveillance system to better understand nutritional trends, identify at-risk populations, and tailor interventions accordingly.

As part of innovative approaches which the MOH introduced in the health sector, the MOH has also initiated the integration of climate data, such as temperature and rainfall data received from weather stations around the country, into the national Health Management Information System to forecast climate-sensitive diseases using statistical models through an early warning, alert, and response/ system (9). Early warning systems can predict and alert authorities of potential health and nutrition risks, such as waterborne diseases, vector-borne diseases, and malnutrition. It also contributes to building the national health system's and the society's resilience for future climate-related challenges.

Way forward

The SDG progress reports at the global and regional levels (1,2) call for urgent actions by the government, development partners, academics, and our communities to address the off-track targets of the SDGs collectively. Regression in achieving the SDG 13, specifically, draws a strong attention of all, considering its significant impact on the SDGs related to health and nutrition and equity issues (10). To address the challenges effectively, we will need to enhance close coordination across relevant sectors beyond health; incorporate innovative tools and solutions; strengthen the health system and the entire society to be more sustainable and resilient in the future; and empower and work with our communities closely to improve our joint ownership and responsibility to achieve the SDGs across the globe.





Keynote Speaker 5

Climate Change and Nutrition

Wongsa Laohasiriwong, Dean, Faculty of Public Health, Khon Kaen University, Thailand

*Corresponding Author: Prof. Dr. Wongsa Laohasiriwong email: wongsa@kku.ac.id



Professor Dr. Wongsa Laohasiriwong is currently serving as the Dean of the Faculty of Public Health at Khon Kaen University in Thailand. Professor Wongsa Laohasiriwong is an expert in various fields related to public health, including Health Impact Assessment (HIA), Health Policy Development, Health Service Systems, Evaluation Research, Health Security, Mental Health, Non-communicable diseases, and HIV/AIDS/Tuberculosis. Her extensive knowledge and experience in these areas make her a valuable asset to the field of public health. She has not only contributed to research dissemination but has also driven and inspired faculty members within the department to produce research and academic services that bring continuous benefits and value to themselves, students, communities, and society. With over 70 research publications indexed in SCOPUS and ISI, more than 20 of which are related to knowledge in health literacy and health promotion, his body of work significantly contributes to advancing knowledge in this field.

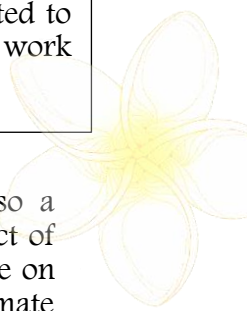
Abstract

Climate change appears to be not only an environmental health problem, but also a nutritional and health issue. Many studies have been conducted to determine the effect of climate change on environmental health, but research on the impact of climate change on nutrition and health is still rare. Therefore, it is important to describe the impact of climate change on weather disasters, food systems, biodiversity loss, nutrient loss, and health.

Climate change has resulted in weather disasters because of heatwaves, wildfires, drought, floods, and storms. After that, it affected soil fertility and rain patterns, so crop yields and food production dropped. Then the stability of the global food system was attempted and mass food production focused on conventional cereal and crops by using fertilizer and deforestation. As a result, biodiversity and gene diversity of species and ecosystems are lost. Moreover, nutrient content changed or lost, so human health was impacted. The impacts started from increasing insect populations as vectors of disease because of increasing global temperature. Also, the air pollution that comes from wildfire, human activity, and natural disasters could produce many more oxidants which result in lower immune systems and emerging of noncommunicable diseases.

Hence, Climate change resulted in weather disasters that affected the food system because of decreasing food production, then had an impact on biodiversity loss and nutrition loss. Finally, human health has been attacked by infectious disease and degenerative diseases, so we should maximize one health approach that considers animal health, human health, and the environment.

Keywords: biodiversity loss, food systems, vector-borne disease, degenerative disease, weather disasters



Keynote Speaker 6

Health Equity to Health and UHC

“Considering public health equity in the Greater Mekong Sub-Region”



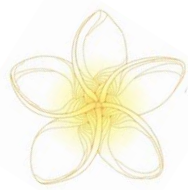
Associate Professor Natasha Howard
National University of Singapore
Saw Swee Hock School of Public Health

Biography:

Associate Professor Natasha Howard is an interdisciplinary public health policy and systems researcher at NUS Saw Swee Hock School of Public Health, where she leads a programme of health equity-related research. Specialised in qualitative and mixed methods and low/middle-income countries, she draws primarily from sociology, anthropology, and political sciences/IR to engage in policy-relevant research in infectious disease control in Asia and strengthening health system responses during protracted adversity (eg, marginalisation, displacement/complex emergencies). Her teaching includes developing and managing doctoral and master's degree courses, editing and writing textbooks, supervising doctoral and masters-level student research, and mentoring early career researchers.

Abstract

This talk explores equity considerations within public health initiatives in the Greater Mekong Sub-Region, an area characterised by both rapid economic and public health development and persistent health disparities. Challenges include global and regional politics, geographic and cultural diversity, socioeconomic differences, climate/environmental change, and resource and infrastructural limitations. Comparative analysis of existing policies and interventions can identify areas for potential improvement based on principles of social justice, community engagement, and intersectoral collaboration. Highlighting examples and best practices within and beyond the Greater Mekong Sub-Region, we can identify lessons and recommendations for policymakers, practitioners, and other stakeholders on strengthening equity within public health policies and initiatives in the region. The talk advocates for public health equity through considering structural and social health determinants, encouraging public sector engagement with diverse communities, and ensuring equitable health services access in the pursuit of health and wellbeing in the Greater Mekong Sub-Region.



Oral Presentation

DAY 1: 28 June, 2024



Parallel session I-Maternal and Child Health, Sexual Reproductive Health (SDG 3) (Group 1)- Namkhong Hall 1

- **Chair:** Assoc. Prof. Dr. Nithra Kitreerawutiwong, Naresuan University
- **Co-Chair:** Assoc. Prof. Dr. Tanida Phatisena, NRU
- Assist. Prof. Dr. Junjira Mahaboon, Walailak University
- Assoc. Prof. Dr. Nilupa Gunaratna, Department of Public Health, Purdue University

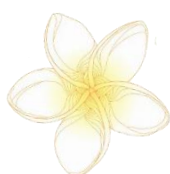
13:30-15:10	Code	Title of Abstracts	Authors
13:30-13:38	CODE333	Prevalence of human papillomavirus infection and associated risk factors among women presenting for cervical cancer screening at reproductive health association of Cambodia (Rhac) between 2020 and 2021	Socheat Theap
13:38-13:46	CODE355	Youth at risks access to sexual health and rights in rural Laos: insights from the HEALTH PROJECT- EXPERTISE FRANCE	Chanthachone Xayyavong
13:46-13:54	CODE041	An innovative childhood development support system for Health Region 1, Thailand	Chayut Owatsakul
13:54-14:02	CODE085	Perinatal outcomes of Covid-19 infection during pregnancy at three central hospitals (Mahosot, Mittaphap, and Mother and Newborn Hospital), in Vientiane Capital, Lao PDR.	Sengaloun Chanthavong
14:02-14:10	CODE001	Breastfeeding behavior among low-income ethnic minority mothers: results of a cross-sectional study	Tiến Bùi Minh
14:10-14:18	CODE088	Awareness of HIV, malaria and TB and access to rapid diagnostic test among rural adults and adolescents of Savannakhet Province, Lao PDR	Viengnakhone Vongxay
14:18-14:26	CODE035	The association of maternal exposure to environmental tobacco smoke during entire pregnancy and the neurodevelopment of infants: a prospective cohort study	Tengwei Gui
14:26-14:34	CODE156	Knowledge and Attitude about Vaccination among Lao pregnant women in Vientiane Capital, Laos	Souphaphone Phimmavong
14:34-14:42	CODE053	Children exposure to PYRs at 1-3 years of age and their ADHD in preschool: a birth cohort study	TongLUO
14:42-14:50		Closing Remark	



Parallel session II-Nutrition Promotion and Food safety (SDG 2)- Namkhong Hall 2

- Chair: Assist.Prof.Dr.Supabhorn Yimthiang, Walailak University
- Co-chair: Dr. Rattiphone Oula, CRS
- Assist.Prof. Dr.Naowarat Maneenin, KKU
- Dr. Kate Eddens, Assoc. Research Scientist, Indiana University School of Public Health – Bloomington

13:00~15:10	Code	Title of Abstracts	Authors
13:30~13:38	CODE082	Developing a National Nutrition Research Agenda (NNRA) for Lao PDR 2023-2026	Somphone Soukhavong
13:38~13:46	CODE100	Development of herbal tea using different plants and its antioxidant capacity test	Chithdavone Her
13:46~13:54	CODE159	Determinants of overweight and obesity among Myanmar Migrant Workers in Northeastern Thailand	Wor Mi Thi
13:54~14:02	CODE135	Development of a novel therapeutic pill for smoking cessation	Pirawat Sritalaharuethai
14:02~14:10	CODE067	Driving public policy for food security and local herbal wisdom through the Trat Provincial Health Assembly	SupapornDamro ngphan
14:10~14:18	CODE216	Knowledge, attitude and consumption behavior of blood cockle among working-age group in Surat Thani Province, Thailand	Jirawat Mala
14:18~14:26	CODE367	Association between dietary diversity and nutritional status among children 6-59 months of age: a community-based cross-sectional study in Hadxayfong district, Vientiane, Lao PDR	Chansathit Taikeophithoun
14:26~14:34	CODE192	The situation and influencing factors of Dietary Behavior among college students in Kunming of West China	Juan Chen
14:34~14:42	CODE286	Analysis of influencing factors of perceived discrimination in HIV-infected patients treated with antiviral therapy	Hongrui ZHAO
14:42~14:50		Closing Remark	



Parallel session III- Environmental and Occupational Health - One Health – Eco Health. & Global warming and Climate change adaptation (SDG 13), Health Equity to UHC (Group 1)- Namkhan Hall

- **Chair:** Dr. Ramya Ambikapathi, Senior Research Associate, Cornell University
- **Co-chair:** Assoc. Prof. Dr. Sunisa Chaiklieng
- Asst.Prof. Thiwakorn Rachutorn, Nakhon Ratchasima Rajabhat University
- Dr. Te Vannnarath, NIPH, Cambodia

13:00-15:10	Code	Title of Abstracts	Authors
13:30-13:40	CODE050	Exposure to prenatal pyrethroid pesticides and cord blood lipids in neonates : a prospective cohort study, China	Shuqi Chen
13:40-13:50	CODE144	Environmental and health impacts of risk factors in wooden furniture manufacturing in Baan Ma Village, Lamphun Province, Thailand	Warangkana Naksen
13:50-14:00	CODE055	Infants daily exposure to pyrethroid pesticides and their neurodevelopment at 4 years of age: A prospective cohort study	Jirong Li
14:00-14:10	CODE140	Climate-integrated platforms for enhancing public health surveillance and decision support systems	Kannikar Intawong
14:10-14:20	CODE166	Public perception, worrying, and practices towards health changes during fine particulate matter crisis in Northern, Thailand	Pallop Siewchaisakul
14:20-14:30	CODE141	Nicotine exposure and semen quality changes among male tobacco farmers during the harvest season in Thailand	Anu Surach
14:30-14:40	CODE142	Association between greenness exposure and depression incidence rate among Bangkok residents: a three-year ecological longitudinal study	Wilaipak Nilsalai
14:40-14:50	CODE287	Association between short-term air pollutant exposure and blood pressure levels and risk of hypertension	Xia Yu
14:50-15:00	CODE169	Factors related to heat-related illnesses among farmers in Thailand.	Thiwakorn Rachutorn
15:00-15:10		Closing Remark	

Parallel session IV- Epidemiology of Communicable and Non-communicable Diseases (Group 1)- Library

- **Chair:** Prof. Vo Van Thang, HUMP
- **Co-chair:** Assoc.Prof. Dr. Roger Sai Zoh, Indiana University
- Prof. Dr. Waraporn Boochieng, CMU
- Dr. Romnalin Keanjoom, Naresuan University

13:30-15:12	Code	Title of Abstracts	Authors
13:30-13:38	CODE338	Barriers to the utilization of elderly health services in Cambodia	PHOU SOCHEATA
13:38-13:46	CODE047	Youths' metabolic risk factors of non-communicable diseases in selected regions of Myanmar	Nilar Aye Tun
13:46-13:54	CODE207	Situation of care for elderly stroke patients in the community	Charunee Sorakrij
13:54-14:02	CODE007	Association of tobacco exposure and alcohol drinking with hypertension in rural southwest China : a cross-sectional study	Guo-hui Li
14:02-14:10	CODE075	Spatial and temporal patterns of dengue in Lao PDR: a bayesian analysis	Mick Soukavong
14:10-14:18	CODE013	Trends in prevalence, awareness, treatment, control, and self-management of hypertension among rural residents in Da Yao County of Yunnan Province	Zizi YU
14:18-14:26	CODE016	Study on nicotine dependence and its relationship with depression among the elderly Dai people in rural Jinggu County, Yunnan Province	Chunyi Ruan
14:26-14:34	CODE131	Prevalence and factors affecting musculoskeletal disorders of hospital porters working in hospitals, Muang District, Phitsanulok Province	Sirioon Khongsom
14:34-14:42	CODE105	Factors associated with dengue hemorrhagic fever prevention behavior among people in the Attapeu Province of Laos People Democratic Republic	Khamphet Vonglorkham
14:42-14:50	CODE048	Bisphenol A exposure may be a potential factor in thyroid disease: based on DIA proteomic analysis	Yanlong Li
14:50-15:08		Closing Remark	

**Parallel session V- Health Service and Healthcare Management (Group 1)-
Namkhong Hall 1**

- **Chair:** Dr. Dang Thi Anh Thu, HUMP
- **Co-chair:** Assoc. Prof. Kulthida Bunjongsiri, Sukhothai Thammathirat Open University
- Asst. Prof. Dr. Mahato Roshan Kumar, KKU
- Ms. Susmita Ghosh, PhD Candidate, Department of Public Health, Purdue University

15:20-17:20	Code	Title of Abstracts	Authors
15:20-15:28	CODE205	Public and private healthcare utilization in Cambodia: results from the world health survey plus 2023	Srean Chhim
15:28-15:36	CODE004	Lao PDR first national TB patient cost survey: an assessment of the financial burden faced by TB affected households in Lao PDR	Phitsada Siphanthong
15:36-15:44	CODE206	The potential development of village health volunteers to assistant the community health professional according to the community public health act 2013	Vorapoj Promasatayaprot
15:44-15:52	CODE023	Care providers perspective towards implementation of antenatal high risk pregnancy screening in Lao PDR: qualitative study	Sisomphone Sengdala
15:52-16:00	CODE240	Burden of invasive pneumococcal disease among children in Vietnam: clinical characteristics and serotype distribution	Nguyen Phuong Hanh
16:00-16:08	CODE049	Antenatal Screening of high risk pregnancy in provincial hospitals in Laos	Keooudone Thammavong
16:08-16:16	CODE229	Knowledge, acceptance and willingness to pay for vaccine against Human Papilloma Virus (HPV) among parents of secondary school male students in Nothern Vietnam	Nguyen Thi Minh Ngoc
16:16-16:24	CODE219	Frailty status and influencing factors among middle-aged and older adults of Zhiguo ethnic minority groups in Yunnan province, China	Xiaoju LiLi
16:24-16:32	CODE077	Care and support needs for cognitive decline among older people in Lao People's Democratic Republic: cross-sectional study	SengchanhKounavong
16:32-16:40	CODE081	Effectiveness and cost-effectiveness of rotavirus vaccination: a comparative modelling study	Phetsavanh Chanthavilay
16:40-16:48	CODE210	Factors contributing to hospitalization expenditures for patients with COPD in Yunnan Province, China: a path analysis	Aihan Wen
16:48-16:56	CODE101	Estimation of anti-seizure medication need among people with patients in Lao PDR	NoudySengxeu
16:56-17:04	CODE209	Co-design of an integrated, person-centered model of care for people with hepatitis B and C in primary healthcare in Vietnam	Huyen Nguyen (B)
17:04-17:12		Closing Remark	



Parallel session VI- Health Literacy and Health Promotion (Group 1)- Namkhong Hall 2

- **Chair:** Asst.Prof. Soisuda Kesornthong, Thammasath University
- **Co-chair:** Dr. Visanou Hansana, UHS
- Assoc.Prof. Dr. Vorapoj Promsatayaprot, MHSU
- Dr. Nguyen Hoang Thuy Linh, HUMP

15:20-17:20	Code	Title of Abstracts	Authors
15:20-15:28	CODE160	Prevalence of manufactured cigarettes smoking and its determinants among Cambodian men: National Population Survey 2022	Sok, Yuthathikar
15:28-15:36	CODE059	Knowledge and behavior of patients with poor type 2 diabetes control in central hospital, Lao PDR	Phoutsathaphone Sibounheuang
15:36-15:44	CODE132	Factors related to alcohol consumption behaviors among undergraduate students of one university in the lower northern region of Thailand	Manirat Sueasang
15:44-15:52	CODE099	Menopause status among Lao woman in Vientiane Capital, Laos	Panima Chanthalangsy
15:52-16:00	CODE136	The comparisons of health promoting behavior among elderly in urban community, semi-urban community and rural community in lower northern Thailand	Piyaphat Sangrat
16:00-16:08	CODE171	Teacher knowledge of and Attitude Towards Teaching Comprehensive Sexual Education in lower secondary schools in Vientiane capital, Savannakhet province, Lao PDR	Thatsavone Phirom
16:08-16:16	CODE126	Health literacy and quality of life among elderly persons in rural areas of Northeast Thailand	Sirapat Khodseewong
16:16-16:24	CODE233	Knowledge, attitudes and practices toward hepatitis B vaccination status among Lao Dental Students: cross sectional study	Viengsavanh Inthakoun
16:24-16:32	CODE208	Length of hospital stay among cardiovascular patients with valve repair combined valve replacement, northeast Thailand	Ornanong Anpanya
16:32-16:40		Closing Remark	

Parallel session VII-Maternal and Child Health, Sexual Reproductive Health (SDG 3) (Group 2)- Namkhan Hall

- **Chair:** Assoc. Prof. Dr. Chanthanom Mainthip, Vice President Lao Red Cross, Lao PDR
- **Co-chair:** Dr. Sabrina Locatelli, IRD representative, Lao PDR
- Assoc. Prof. Dr. Taweewun Srisookkum, Phayao University
- Mrs.Kelley Khamphouxay, CRS

15:20~17:20	Code	Title of Abstracts	Authors
15:20~15:28	CODE183	Self-care towards menstruation pain among schoolgirls in Vientiane Capital, Laos	Souphaphone Houamboun
15:28~15:36	CODE056	Study on the influencing factors of spontaneous preterm birth through ultrasonography of cervix-related parameters	YinGao
15:36~15:44	CODE260	A clinical trail of silver diamine fluoride application on children's primary teeth to prevent dental caries progression among preschool children, Vientiane: a pilot study	Amphayvan Homsavath
15:44~15:52	CODE261	Intimate partner violence during pregnancy and associated factors in Hue city, Vietnam	Tran Dai Tri Han
15:52~16:00	CODE314	Pilot project: screening of anemia in children and adolescent girls by non invasive device in Lao PDR	Latdaphone Paphatsinh
16:00~16:08	CODE121	Perceived stress of women during the whole pregnancy and lymphocytes of newborns: a birth cohort study	Xiao Xia
16:08~16:16	CODE317	Maternal death in Laos: trends analysis from 2020-2023	Aiy Phepathoum
16:16~16:24	CODE231	Risk prediction for postpartum depression based on random forest algorithm with a multi-ethnic population in Yunnan	Xiu XIA
16:24~16:32	CODE318	Factors associated with the effectiveness of breastfeeding protection, promotion and prevalence of breastfeeding	Maikho Vongxay
16:32~16:40		Closing Remark	

Parallel session VIII- HIV/AIDS, TB and Malaria (SDG 3)- Library

- **Chair:** Assoc. Prof. Katiya Ivanovitch, Thammasath University
- **Co-chair:** Dr. Khampheng Phonglusa, DG LaoTPHI
- Asst. Prof. Dr. Anukool Manoton, University of Phayao
- Dr. Dirk Rombot Essink, VU, Netherland

15:20-17:20	Code	Title of Abstracts	Authors
15:20-15:28	CODE237	Effectiveness of a community-based antiretroviral therapy delivery intervention on depression symptoms among stable people living with HIV in Cambodia: A quasi-experimental study	Sreymom Oy
15:28-15:36	CODE052	Assessment of knowledge, attitude, and TB stigma among Thai high-school students in Bangkok, Thailand	Sarut Moonsarn
15:36-15:44	CODE424	Acceptability of Human Papillomavirus self-sampling tests for cervical cancer among women in Cambodia	CHORN Sophearom
15:44-15:52	CODE354	A mobile health education package to improve MCH, HIV/AIDS, TB, And malaria prevention dnd health access in remoted Southern Laos. HEALTH PROJECT- EXPERTISE FRANCE	Chanthachone Xayyavong
15:52-16:00	CODE046	Screening and testing of HIV and TB among pregnant women and their knowledge of, and attitude towards HIV/AIDS and TB at the ANC clinics, Lao PDR	Douangphachanh Xaysomphou
16:00-16:08	CODE107	Knowledge change related to malaria elimination in four Central Provinces of Vietnam: a community based, before and after intervention evaluation	Dat Le Minh
16:08-16:16	CODE087	Factors associated with knowledge on HIV, TB and Malaria among pregnant women and their perception of aaccess to RDTs for HIV, TB and Malaria in Savannakhet Province, Lao PDR	Vathsana Somphet
16:16-16:24	CODE328	Development and evaluation of an artificial intelligence (AI) -based chest x-ray diagnostic system to detecting and monitoring tuberculosis	Lalita Kaewwilai
16:24-16:32		Closing Remark	



Online session~ Health Literacy and Health Promotion~ Secretary Room

- **Chair:** Hon.Prof.Dr. Sengchanh Kounnavong, LaoTPHI
- **Co-chair:** Dr. Visanou Hansana, Vice Director of IRED, UHS
- Dr. Phonethipsavanh Nouanthong, Lao NITAG

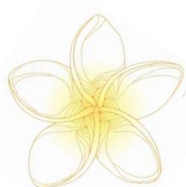
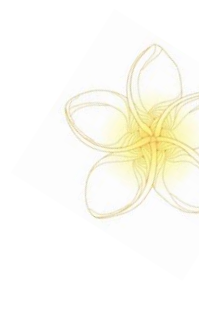
Join Zoom Meeting

<https://kku-th.zoom.us/j/5187513232?pwd=uk08P4LMocMDaTfy7yrXpabtJgW55c.1&omn=97151677969>

Meeting ID: 518 751 3232

Passcode: 1234

14:30-16:00	Code	Title of Abstracts	Authors
14:30-14:38	CODE008	Diabetes self-care intervention strategies and their effectiveness in sub-Saharan Africa: a systematic review	Temesgen Anjulo Ageru
14:38-15:06	CODE011	Effectiveness of road safety education in reducing teen traffic accidents in Southeast Asia: a systematic review	Francis Walugembe
15:06-15:12	CODE012	Initial construction of the exercise maintenance motivation scale: a mixed-method study	Nam Truong Thanh
15:12-15:20	CODE195	A systematic review of publications measuring medical students' perceptions of their learning environment in South Asia	Muhammad Haroon Stanikzai
15:20-15:30	CODE239	Private choices, public concerns: reproductive health education for burmese female migrant workers in Khon Kaen, Thailand	Chaw Yadanar
15:30-15:38	CODE252	Developing an e-book for self-learning about traditional Thai herbal remedies for self-care: a case study of pigad-ya	Chernporn Navanukraw
15:38-15:48	CODE051	Study on the effect of microplastic ingestion on intestinal barrier function in mice	Shirong Liu
15:48-15:56	CODE246	Perceived and Actual Knowledge of Dietary Supplements Among Villagers in Svay Rieng Province, Cambodia	Visessakseth SO
15:56-16:04	CODE184	Characteristics associated with fertility quality of life in infertile patients visiting a Kathmandu, Nepal infertility center: A cross-sectional study	Shital Shakya



Oral Presentation

DAY 2: 29 June, 2024



Parallel Session IX- Epidemiology of Communicable and Non-communicable Diseases (Group 2)- Namkhong Hall 1

- **Chair:** Prof. Chea Chhorvann, NIPH, Cambodia
- **Co-chair:** Assoc.Prof. Wallapa Choeibuakaew, Thaksin University
- Assoc. Prof. Kowit Suwannahong, Burapha University
- Asst. Prof. Dr. Roshan Mahato Kumar, KKU

11:00-12:30	Code	Title of Abstracts	Authors
11:00-11:08	CODE170	Diphtheria outbreak in Khammouane Province in 2023	Sysavath Phanatda
11:08-11:16	CODE213	Analysis of influencing factors for acute exacerbation of chronic obstructive pulmonary disease in Yunnan Province: A retrospective cohort study	Guohong Luo
11:16-11:24	CODE295	Prevalence and factors influencing binge drinking among university students	Vanmaika Vang
11:24-11:32	CODE096	Spatial-temporal analysis of influenza in Yunnan (2014-2023) using autocorrelation and scan methods	Xiaoxiao Song
11:32-11:40	CODE304	Physical activity among patients with type 2 diabetes in Vientiane Capital, Lao PDR	Manoluck kounphon
11:40-11:48	CODE115	Association of socioeconomic and lifestyle factors with prevalence of diabetes in rural Southwest China: a structural equation modeling approach	Lan LIU
11:48-11:56	CODE325	Optimal non-invasive screening tools and cutoff points for diabetes and hypertension in Laos: stepwise approach to NCD risk factor surveillance using national survey data	Kethmany Ratsavong
11:56-12:04	CODE274	A study of the effect of physical activity duration and sleep quality on patient-reported outcomes in hypertension	Ru Zhang
12:04-12:12	CODE177	Detection of resistance to Aedes albopictus and analysis of resistance genes in	Diao YI
12:12-12:20		Closing Remark	

Parallel session X- Maternal and Child Health, Sexual Reproductive Health (SDG 3) (Group 3)- Namkhong Hall 2

- **Chair:** Prof. Dr. Chitlada Areesantichai, Chulalongkorn University
- **Co-chair:** Assoc.Prof. Sumattana Glangkarn, Mahasarakham University
- Dr. Latsamy Siengsounthone, LaoTPHI
- Asst. Prof. Thanakrit Neamhom, Mahidol University

11:00-12:30	Code	Title of Abstracts	Authors
11:00-11:08	CODE120	Effects of prenatal passive smoking on neurodevelopmental delay of 1-year-old children: a prospective prenatal cohort in Yunnan Province, China	XiaoXia
11:08-11:16	CODE344	Parent and child communication on sexual and reproductive health education in Bolikhaxay province, Lao PDR	Chandavieng Phimmavong
11:16-11:24	CODE165	A study on the prediction model of preterm birth by several inflammatory indicators	Nan Li
11:24-11:32	CODE429	The Association between incomplete Vaccination and Undernutrition in Lao Under Five Children: A Population-based Case-Control Study	Bounhome Soukxaphone
11:32-11:40	CODE391	Impact of peer- to- peer education on sexual reproductive health among adolescents in schools and villages in Sekong province	Tahirih Tamangen
11:40-11:48	CODE123	Assessing the impact of the 'teach to say-no' intervention on teachers' knowledge, attitudes, and acceptance of CSA prevention in Phnom Penh, Cambodia: a mixed-methods study	Swarnamala Kantipudi, Ph D Candidate
11:48-11:56	CODE330	Construction and validation of a preterm birth risk prediction model based on LASSO-logistic regression	Qingyan Ma
11:56-12:04	CODE113	Demand and willingness to pay for prenatal screening among women of reproductive age in Thua Thien Hue Province	Hoang Le Tuan Hung
12:04-12:12	CODE247	Developmental trajectory and influencing factors of perinatal depression in rural women in western China	RuiHuang
12:12-12:20		Closing Remark	

Parallel session XI-Environmental and Occupational Health - One Health – Eco Health. & Global warming and Climate change adaptation (SDG 13), Health Equity to UHC (Group 2)- Namkhan Hall

- **Chair:** Asst. Prof. Somkid Juawa, Phayao University
- **Co-chair:** Asst. Prof. Montakarn Chuemchit, Chulalongkorn University
- Dr. Boonruang Kanoukhan, Thaksin University
- Dr. Phetsamone Matouchanh, UHS, Lao PDR

11:00-12:30	Code	Title of Abstracts	Authors
11:00-11:10	CODE128	Effects of a hearing protection training with ear fit test feedback on hearing protection use among workers in auto part manufacturing industry	Jaturong Udtabud
11:10-11:20	CODE204	Relationship of Indoor Air Quality to Sick Building Syndrome in Office Personnel at Mahidol University's Faculty of Public Health	Teerapong Lertassavakorn
11:20-11:30	CODE032	Knowledge and self-protective behavior regarding pesticide use among farmers in Banphot Phisai District, Nakhon Sawan Province	Kansirinn atThima
11:30-11:40	CODE138	The Preliminary monitoring of Paraquat Residues in water sources: a case study of Nan Rivers and Canals used in agriculture areas	Sirinthip Chaarban
11:40-11:50	CODE139	Artificial neural network for predicting risk scores among stone mortar informal workers exposed to high noise levels	YuwadeeK hunsaard
11:50-12:00	CODE187	Association between length of separation and depressive symptoms in left-behind children: mediating effects of negative life event influences	Yingjuan Cui
12:00-12:10	CODE190	Prevalence and clustering of mental health -related risk factors among junior school students in Nanchong	Tian Xiaobing
12:10-12:20		Closing Remark	

Parallel session XII- Mental Health- Library

- **Chair:** Assoc. Prof. Yuvadee Rodjarkpai, Burapha University
- **Co-chair:** Prof. Hla Hla Win, University of Public Health, Yangon, Myanmar
- Dr. Tiwakron Prachaiboon, KKU
- Assoc. Prof. Kongmany Chaleunvong, UHS, Lao PDR

11:00-12:30	Code	Title of Abstracts	Authors
11:00-11:08	CODE426	Mental health status and quality of life among humanitarian aid workers in Thai-Myanmar border	Naw Lar Paw
11:08-11:16	CODE066	Surveying the quality of life and anxiety levels among primary caregivers for cancer patients receiving treatment at the Oncology Department, Hue University Medical Hospital	Uyen Phuong
11:16-11:24	CODE241	A systematic review of stress associated with pain among adult population from 2018 to 2023	Chanraksmey Long
11:24-11:32	CODE431	Analysis of mental health literacy and influencing factors of Dai nationality in Yunnan Province	Keying Zhao
11:32-11:40	CODE114	Depression, anxiety, and stress among high school students and some related factors: comprehensive study across four different geographical areas	Nguyen Phuc Thanh Nhan
11:40-11:48	CODE039	Gender-specific factors of non-suicidal self-injury among high school students in Yunnan Province, China: a machine learning approach	RuiyuLi
11:48-11:56	CODE228	Cost-effectiveness of perinatal depression screening and treatment strategies in China: A Markov Model Simulation	Xingmei DU
11:56-12:04	CODE223	The prevalence of stress and perceived knowledge on stress management among university students in Phnom Penh, Cambodia	Pen Keopanha
12:04-12:12	CODE221	Association between depressive symptoms and smoking intensity with ethnic minorities in Yunnan province, China: A moderated mediation model	Xinping Wang
12:12-12:20	CODE362	Factors associated with moderate or severe mental health symptoms among hypertensive and diabetic patients in a temporary shelter in Thailand	Dr.Ye Htut Oo/Miss. Supattra SamungOo
12:20-12:30		Closing Remark	



Parallel session XIII- Health Literacy and Health Promotion (Group 2) + Health Service and Healthcare Management ~ Namkhong Hall 1

- **Chair:** Assoc. Prof. Dr. Nitikorn Phoosuwan, Kasetsart University
- **Co-chair:** Asst. Prof. Dr. Aree Butsorn, Ubon Rachathani University
- Assist. Prof. Dr. Chaiwut Bourneow, MHS University
- Dr. Kate Eddens, Assoc. Research Scientist, Indiana University School of Public Health – Bloomington

13:30-15:10	Code	Title of Abstracts	Authors
13:30-13:38	CODE201	Consumption of commercially packaged sweet and savoury snacks and sugar-sweetened drinks by children 6-23 months in Oudomxay and Houaphan, Lao PDR	Pantavanh Keobolith
13:38-13:46	CODE191	Evaluation of the correlation between frailty and sleep quality among elderly: A cross-sectional study	Nguyen The Diep
13:46-13:54	CODE127	Oral health behavior, oral hygiene status, and gingivitis among early primary school children in Bangkok, Thailand	Pemmika Intato
13:54-14:02	CODE342	Adolescent healthier through behavior change adolescent health promotion	Leeva Norporyengva
14:02-14:10	CODE015	Nicotine dependence status and its influence on quality of life of elderly Hani people in Mo Jiang County Yunnan Province	XiminLi
14:10-14:18	CODE194	Effectiveness of 'SMART TEETH' Program on Oral Health Literacy, Oral Health Care Behaviors and Oral Health Quality of Life among Elementary School students of Schools Under the Si Sa Ket Provencal Municipality	Karnchanok Somchai
14:18-14:26	CODE363	Research for influence of social network on drug use among clients of methadone maintenance treatment (MMT) clinics in Kunming	Ling Shen
14:26-14:34		Closing Remark	



Parallel session XIV~ Health Service and Healthcare Management (Group 2)- Namkhong Hall 2

- **Chair:** Asst. Prof. Dr. Kitti Laosupap, Ubon Rachathani University
- **Co-chair:** Dr. Saroj Nakju, Rhamkhamheang University
- Asst. Prof. Kittipong Sornlorm, KKU
- Dr. Nilar Aye Tun, University of Public Health, Yangon, Myanmar

13:00-15:10	Code	Title of Abstracts	Authors
13:30-13:38	CODE225	Communication among hospital pharmacists to advance health equity in clinical pharmacy practices in Lao PDR	Vanlounni Sibounheuang
13:38-13:46	CODE218	Initial results of the model of care in supporting patients to access comprehensive care and treatment services in Vietnam	Trang Le
13:46-13:54	CODE244	Knowledge, attitudes, and practices toward hepatitis B virus infection among medical students at Hai Phong Medical University, Vietnam	Trinh Mai Phuong
13:54-14:02	CODE023	Care providers perspective towards implementation of antenatal high risk pregnancy screening in Lao PDR: qualitative study	Sisomphone Sengdala
14:02-14:10	CODE042	Multilingual communication experiences of HIV-infected Burmese wives	Rui Deng
14:10-14:18	CODE211	Utilization of medical examination services and it's influencing factors among middle-aged and elderly people in ethnic minority-populated areas in Yunnan Province of West China	JiayiXIONG
14:18-14:26	CODE234	Situation of examination and treatment of chronic diseases among elderly people at Sa Thay health district center in Kontum province, Vietnam	Ngo Viet Loc
14:26-14:34	CODE220	Related factors of depression symptom among middle-aged and older adults of Zhiguo ethnic minority groups in Yunnan province	Xinping Wang
14:34-14:42	CODE214	Development and validation of digital competence assessment scale for health professions students	Cua Ngoc Le
14:42-14:50	CODE245	Dynamic Microsimulation Model for Disability Status among Middle-aged and Elderly Population in Yunnan, China	Xuan Wen
14:50-14:58	CODE248	Effects of a therapeutic lifestyle modification intervention on health-related quality of life of Chinese women during the menopause transition: a randomized controlled trial	Yuru Wang
14:58-15:06		Closing Remark	

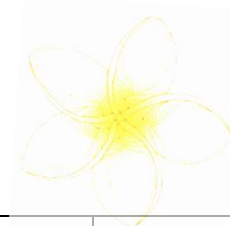
Parallel session XV- Environmental and Occupational Health ~ One Health – Eco Health., Global warming and Climate change adaptation (SDG 13), Health Equity to UHC (Group 3)- Namkhan Hall

- **Chair:** Prof. Dr. Suwat Chariyalertsak
- **Co-chair:** Assoc. Prof. Dr. Warangkana Chankong. Sukkhothai University
- Prof. Tran Thi Tuyet Hanh, HUPH
- Dr. Dirk Rombot Essink, VU, Netherland

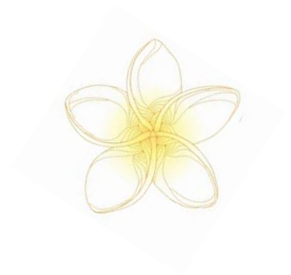
13:00-15:10	Code	Title of Abstracts	Authors
13:30-13:38	CODE146	The application of fault tree analysis for assessing the Safety Integrity Level (SIL) of steam boiler: a case study in a university hospital, Thailand	Kanutsawan Maksuk
13:38-13:46	CODE025	Application of community-based health impact assessment: case study of Kuan Meang mountain's industrial stone quarry, Province, Thailand	Songpon Tulata
13:46-13:54	CODE149	Factors associated with accident prevention behavior among workers in the automotive production process. A case study in Ayuthaya, Thailand	Sasithon Rompa
13:54-14:02	CODE061	Reducing Health Impact of Traditional Gold Industry in Si Satchanalai, Thailand	SuwichaThawee sook
14:02-14:10	CODE133	Situational Analysis of Self Care in People with Respiratory Diseases During PM2.5 Situation	Dr. Napaphat Poprom/ Assoc. Prof. Waraporn BoonchiePoprom
14:10-14:18	CODE368	Distribution of diatom and climate ecological environment in Panlong river, Kunming, Yunnan	Linxiong Wu
14:18-14:26	CODE271	LASSO-Logistic regression based screening of NSSI risk factors for students with different chronotype in Yunnan provinces of China	TingSong
14:26-14:34	CODE188	Depressive trajectories of early adolescent middle school students after school entry: a longitudinal study	Peng Chen
14:34-14:42	CODE232	Isolation, identification, and biological characteristics of a yersinia enterocolitica bacteriophage strain	Chunpeng Mao
14:42-14:50		Closing Remark	

Parallel session XVI- Epidemiology of Communicable and Non-communicable Diseases (Group 3)- Library

- **Chair:** Prof. Dr. Le Thi Thanh Huong, HUPH
- **Co-chair:** Assoc. Prof. Dr. Orawan Kaewboonchoo, Mahidol
- Assist.Prof. Kavin Thinkhamrop, KKU
- Assoc.Prof. Alongkone Phengsavanh, UHS



13:00-15:10	Code	Title of Abstracts	Authors
13:30-13:38	CODE350	Burden and risk factors of suspected cholangiocarcinoma in high Opisthorchis viverrini endemic rural communities in southern Lao PDR	Anousin Homsana
13:38-13:46	CODE395	Assessment of HCWs' knowledge, perception of IPC level and the actual practices in community and central hospitals in Vientiane Capital and province, Lao PDR: a quantitative cross-sectional study	Kim van Engen
13:46-13:54	CODE018	Establishing minimum clinically important difference in patients with chronic gastritis based on the PROISCD-CG	YingCHEN
13:54-14:02	CODE112	The care needs of dementia patients in Nam Dong District, Thua Thien Hue Province: an observational study using the camberwell assessment of need for the elderly questionnaire	Khoa Dang Cao
14:02-14:10	CODE134	Physical activities for elderly people in elderly schools, Phrae Province	Chanoknun Fakmit
14:10-14:18	CODE063	Ameliorative effects of 1,8-cineole on steatosis based on oxidative stress and inflammatory response	AnningZhan
14:18-14:26	CODE069	A transtheoretical model-based online intervention to improve medication adherence for Chinese adults newly diagnosed with type 2 diabetes: a mixed-method study	Baolu Zhang
14:26-14:34	CODE019	A study on the prevalence of three types of cardiovascular diseases and their relationships with depression symptom in rural Yiliang County of Yunnan Province	Du-liLIU
14:34-14:42	CODE117	Antibiotic use behaviors of ethnic minority farmers in the Sino-Burmese border area of Yunnan Province : a one health approach	Jing Fang
14:42-14:50	CODE174	Perioperative skeletal muscle mass and subcutaneous fat in colorectal cancer: A random-intercept cross-lagged panel study	Guanghong Yan
14:50-14:58		Closing Remark	



POSTER PRESENTATIONS 1, 28 June, 2024

Poster Exhibition 1
Time: 12.30~13.30
Room:

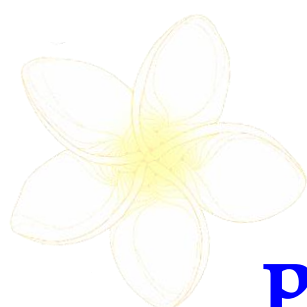
CODE	Title of Abstracts	Authors
Maternal and Child Health, Sexual Reproductive Health (SDG 3)		
CODE352	Capturing live stories on MCH, HIV, TB, and Malaria Issues" HEALTH PROJECT- EXPERTISE FRANCE	Chanthachone Xayyavong
CODE353	Improving mother and child health, HIV, TB, And malaria prevention in remoted communities in Laos" An ongoing research action join initiative in Laos. HEALTH PROJECT- EXPERTISE FRANCE	Chanthachone Xayyavong
CODE083	The role of biophysical profile and perinatal outcome among high-risk pregnant women at Setthathirath Hospital and Mother and Newborn Hospital, Vientiane Capital, Lao PDR.	Douangprachanh Xaysomphou
CODE079	Antibiotic knowledge, attitudes and reported practice during pregnancy and six months after birth: a follow- up study in Lao PDR	Sengchanh Kounnavong
CODE089	Maternal knowledge and paternal nutrition support are associated with micronutrient outcomes: evidence from case-control study of children under five years in Lao PDR	Viengnakhone Vongxay
CODE185	Sociocultural influences on early sexual practices: Understanding Akha people's trajectories, societal integration, and pathways for progress in Northern Laos	Chandavieng Phimmavong
CODE270	Expansion of non-invasive prenatal screening to the screening of 10 types of chromosomal anomalies: a cost-effectiveness analysis	Bounhome Soukkhaphone
CODE078	Risk factors for anaemia among women and their young children hospitalised with suspected thiamine deficiency in northern Lao PDR	Dalaphone Sithideth
CODE084	Husband's involvement in taking care of women's health during pregnancy in Kham District Hospital Xieng Khouang Province, Lao PDR	Vansy Manivone
CODE091	Perception and barrier in access to sexual and reproductive health services among youth (aged 18-24) in Xiangkhuang province: a mixed-method study	Johnly Phanthady
CODE092	Factors associated with self-care efficacy of pregnant women in Vientiane capital	Phikhounkeo Kedsana
CODE172	Breastfeeding Duration among Children aged 0- 24 month in Vientiane and Bolikhamxay Province, Lao PDR: A Survival Analysis	Kongmany Chaleunvong
CODE175	Risk factors of preterm delivery in the Lao PDR: Hospital-based matched case-control study	Visanou Hansana
CODE226	Prevalence and risk factors of gestational diabetes mellitus among pregnancy women managed at Hai Phong hospital of obstetrics and gynecology, Vietnam, 2022	Hoang LE Tuan
CODE276	The relationship between maternal hygiene practices and diarrhea in children under 2 years of age in Khammouan province	Viengphetsamone Viengphasy
CODE282	Factors associated to breastfeeding duration among children aged 0-24 month in Vientiane province, Lao PDR	Phitphavanh Amphavanh
CODE:390	The effectiveness of the Early childhood development promotion by the child and family development team in Mueang Chaiyaphum District	Pharapron Phimalai
CODE335	Study on the association between uterine fibroids and tea drinking in premenopausal women in Yunnan Province	Yunrui Sun
Environmental and Occupational Health - One Health – Eco Health. & Global warming and Climate change adaptation (SDG 13), Health Equity to UHC		

CODE	Title of Abstracts	Authors
CODE093	Air pollutant emissions and sources in Lao People's Democratic Republic: a provincial scale analysis for years 2013-2019	Viengnakhone Vongxay
CODE097	Detection of heavy metal contamination in organic vegetables from markets and vegetation sites in Vientiane Capital, Laos	Somded Latsavong
CODE102	Air pollution from charcoal-grill shops and factors associated with respiratory health of grill-workers in Lao PDR: a focus on inequity in exposure and health by gender	Phoxay Phiasackhoua
CODE212	Determination of fluoride concentration in drinking water resources at Lao P.D.R.	Phimfalee Sayaxang
CODE300	Antibiotic use in respiratory infection among children in Vientiane Capital, Laos	Sourideth Sengchanth
CODE303	The relationship between household air pollution and respiratory diseases in children under 2 years of age in Bo Keo Province	Souarnanh Phanyasit
CODE306	Factors related of vaccine wastage at the district level and Health Center of Luang Prabang province	Poryang Boula
CODE322	Knowledge, attitude and practice of separation of infectious waste and contaminated material at the central hospital, skin center and eye center in Vientiane	Syphonethor xaipao
CODE323	Vaccine wastage and associated factor with vaccine wastage in public health facilities, Champasack province	Kideng Ngamsomeone
CODE339	Spectrophotometric method for determination of iron (III) using ciprofloxacin as a reagent	Somphayvone Vilayphone
CODE385	Impacts of climate change on water access and gender in Phongsaly and Salavan provinces	Anthony Glanville
CODE398	Factors associated with the risk factors of dengue fever among aged of 15 and above in Vientiane Capital: a case-control study	Soukphakham Sengsomphou
CODE425	Exploring One Health Dynamics: Gastrointestinal parasites in Humans, Domesticated Bovines, and Wild Elephants in Nakai Nam Theun National Park, Lao PDR	Phengsavanh Xaiyavong
CODE054	Effects of bisphenol A on the cytoskeleton and apoptosis of <i>saccharomyces cerevisiae</i> cells	Wei Zou
Epidemiology of Communicable and Non-communicable Diseases		
CODE389	How to start up a new external quality assessment program for SARS-CoV-2 testing in resource-limited settings: Lessons learned from Cambodia	Lek Rithireach
CODE254	The needs for and use of essential resources for COVID-19 pandemic preparedness in the country: A qualitative study in the central, northern, and southern parts of Lao PDR (Laos).	Sysavanh Phommachanh
CODE417	Refeeding Syndrome in Pediatric Patients: clinical manifestations, and Outcomes	Latdaphone Paphatsinh
CODE163	Evaluation of quality measure for colonoscopy in colorectal cancer screening among patients in Mahosot hospital, Vientiane capital, Lao PDR: a cross sectional prospective study	Dalouny Sihath
CODE164	A study of re-infection of Covid-19 and the related factors in Lao health care workers: Vientiane capital, Champasak and Luangprabang, Lao PDR.	Thidachanh Soukphaserm
CODE243	The correlation between temperature variation and prevalence of Dengue Fever in Vientiane Capital, Lao PDR: A retrospective study using 2007 – 2022 Secondary Database	Soudavanh Nathavong

CODE	Title of Abstracts	Authors
CODE312	Dengue fever and its association with temperature and multiple factors in Vientiane capital, Lao PDR	Vilakone Thongmala
CODE315	Factors associated with the use of weight loss supplements among students of two universities, Vientiane	douangmala Outthalavong
CODE119	Correlation analysis of plasma atherogenic index and hyperuricemia in elderly population	Meng qi Li
CODE265	Association of perioperative skeletal muscle index change with outcome in colorectal cancer patients	Mengmei Liu
CODE278	Comparative analysis of the mediating role of TyG-BMI in hypertension and metabolic syndrome in Yi and Han Ethnic Group	Mei Zhang
CODE310	Pathways of effects of adverse childhood experiences on infectious diseases among border drug-use adults: a structural equation modeling	Mingmei Zhang
CODE336	An extreme gradient boosting algorithm-based model for predicting risk of metabolic dysfunction-associated steatotic liver disease prevalence	WeiqiTang
CODE373	Intangible burden of common chronic diseases in rural areas of Yunnan province	Chongwei Song
CODE403	Research on the ecological environment epidemiological characteristics and composition of urinary calculi in Kunming	XinCheng
Health Literacy and Health Promotion		
CODE222	Determination of total phenolic, flavonoid content, and antioxidant activities of calostoma insignis in Cambodia	Lina Ly
CODE238	Antiproliferation of three sprouts in colorectal carcinoma (HCT116)	Philip Poul
CODE086	Knowledge of antibiotics and antimicrobial resistance among general people of two provinces in Lao PDR: a cross-sectional study	Vathsana Somphet
CODE060	The level of light intensity and the perception of comfort in the eyes in office space case study in Vientiane Capital Lao People's Democratic Republic	Khamthaviso uk Detchanthachack
CODE080	Student's satisfaction with teaching-learning administration in Higher Diploma of nursing Program Udomxay Public Health School	AckdethPiyadeth
CODE154	Investigation of Knowledge and practice related to the COVID-19 Pandemic prevention among People in remote areas Vientiane province	Bouachanh Sengphilom
CODE162	The Concepts of Women's Empowerment in Child Malnutrition Programs in Luangprabang Province, Lao People's Democratic Republic	Kanchana Thilakoun
CODE215	Associated factors to self-medication with antibiotics among general population in Vientiane Capital, Lao PDR	Fery Bonglartry
CODE236	Development of wounds, scalds and burns cream treats mixed with blue Chang chud (Thunbergia Lauffolia L.) leaf extract	Viengxay Xayyavong
Health Service and Healthcare Management		
CODE402	The current situation of demand and service level for the community-dwelling integrated medical and health care in Kunming city	XiCUI
CODE410	The calculation and application of quality-adjusted life years in cohort study	QiongMeng
CODE122	Providers' Perspective on Disparities in Health and Social Care Accessibility for Older Adults in Vietnam: A Qualitative Study	Man Thi Hue Vo
CODE298	Financing and purchasing mechanisms for primary health care in the South-East Asia region – findings from a scoping review	Hsu Myat Mon

CODE	Title of Abstracts	Authors
CODE005	Evaluation of the Implementation effect of urban and rural residents' serious illness insurance in Nanning city	Nan Jiang
CODE301	Out patient department system development of Chayangkul primary care cluster, Sunpasitthiprasong hospital, Ubon Rachathani province	Phana Mingchai
CODE396	The health service development model to reduce waiting time in out-patient department at Namon hospital, Kalasin province	Kritsada Wannajak
CODE365	Factors driving safely among students of the faculty of health and sports sciences, Thaksin university	Sitanan Khaengraeng
CODE378	The herbal formula by traditional healers to relieve text neck syndrome	Barokat Yakoh
CODE383	Triangle movement for mobilizing active elderly in Khao Chiak sub-district, Muang district, Phatthalung province: lesson learned and success	Atidtaya Jantara
CODE397	Effects of the behavior modification program on prevention gingivitis of mathayomsuksa 1 secondary school students, Sri Narong district, Surin province, Thailand	Sairung Bunluean
CODE256	Adaptation and vulnerability of elderly in the community repetitive Haze area: a case study in Pong District, Phayao of upper Northern Thailand	Kritsada Sarndhong
CODE371	Predicting factors affecting work behaviors among emergency medical responders of public charity organizations in Chiang Rai province	Sunanta Wongrattana kamon
CODE384	Emergency reporting system using line OA: a case study of university of Phayao hospital	Nattapon Harnsamut
CODE316	Health hazard and risk protection behaviors among scavengers in municipality dump site Nakhon Si Thammarat province, Thailand: a cross-sectional survey	Phiman Thirarattanas unthon
CODE010	Demand for home healthcare among the elderly and some associated factors: a cross-sectional study in Northern Vietnam	Phuong Ha Nguyen
CODE186	Using of treatment services among patients at commune health stations in Quang Ninh district, Quang Binh province, Vietnam	Ngo Viet Loc
CODE224	Priority public health policy needs at the intersection of sexual and reproductive health and gender-based violence in Vietnam: a rapid needs assessment and gap analysis	Desiree LaGrappe
Nutrition Promotion and Food safety (SDG 2)		
CODE356	Nutrition diets practice among urban adolescents' girls in lower secondary schools Vientiane Capital Lao PDR	Vathsana Somphet
CODE326	Food preferences and consumption among urban and rural adolescents in central Lao PDR: an online survey	Kethmany Ratsavong
CODE020	Advocacy coalition by external actors and strategies used to influence the emergence of the national nutrition policy in Lao PDR	Viengsamay Sengchaleun
CODE103	Biological Activities of Phellinus rimosus (BerK) Extracts	Sonesay Thammavong
CODE155	Misreporting of energy intake estimated by food records among adolescents in Lao PDR	Thidatheb Kounnavong
CODE182	Nutrient Intake and Adequacy in Children aged 12-23 months in Lao PDR: A Community-based Cross-sectional Study	Ladsamee Rajsavong
CODE262	Dietary pattern and nutritional status of patients with type 2 diabetes in three referral hospitals, Vientiane Capital, Lao People's Democratic Republic	Chonghak Phomsombath

CODE	Title of Abstracts	Authors
CODE281	Knowledge, attitude and food safety practices of food vendors in the market in Vientiane Capital	Monekeo Vongsoupho n
CODE307	Food consumption behavior and nutritional status among patients with chronic kidney disease in central hospitals	Vandone Boulommavong
CODE347	Nutritional status and its associated factors among elderly people over 60 years in Vientiane capital: community based cross-sectional study	Daoheung Bouaphatdon many
CODE366	Food insecurity and chronic malnutritional status among children aged 2 to 5 years in a rural community, Vientiane capital, Lao PDR	Keo Souaporher
CODE369	Knowledge about the consumption of sugar and sugary drinks and the nutritional status of high school students in Vientiane's capital	Bounma Latsamy
CODE372	Impacts of inflation on nutrition and food security in Laos	Tukta Sonesaksith
CODE380	Are dietary intake and nutritional status influenced by gender? The pattern of dietary intake in Lao PDR: a developing country	Minaphone Louangpradit h
CODE062	Relationship between intestinal inflammation levels and changes in intestinal flora in mice exposed to microplastics, a novel environmental pollutant.	AnningZhan
CODE063	Ameliorative effects of 1,8-cineole on steatosis based on oxidative stress and inflammatory response	AnningZhan
CODE351	The use and impact of case management in methadone maintenance treatment	Qixuan He
CODE360	Analysis of factors affecting hospitalization costs of tuberculosis patients	TianNan
CODE116	Study on the emotional and behavioral problems status and related factors of primary and secondary school students in a county in Yunnan Province	Tunan Li
CODE411	Exploration of the association between sleep duration and myopia among middle school students in Lijiang City	Dai Yayi
CODE034	The effect of family function on the psychotic-like experience of college students in Qiqihar, Heilongjiang Province, China	Xinyue Jiang
CODE422	Investigation and analysis on the status of standardized training for residents of rural-oriented tuition-waived medical students of Yunnan Province in China	Lei Anye
CODE427	Intimate Partner Violence during Pregnancy: A large-scale survey of pregnant women in Da Nang city	Tran Dinh Trung
CODE428	Premarital Sex And Related Factors Among College's Students In Thua Thien Hue Province	To Man Nhi1



POSTER PRESENTATIONS 2, 29 June, 2024



Poster Exhibition 2

Time: 12.30~13.30

Room:

CODE	Title of Abstracts	Authors
Environmental and Occupational Health - One Health – Eco Health. & Global warming and Climate change adaptation (SDG 13), Health Equity to UHC		
CODE070	Impact of nano-plastic particle on glucose and lipid metabolism disorders in mice: insights into environmental influences on metabolic health	YuyangJin
CODE272	Analysis of the transmission characteristics of HFMD in Yunnan province based on TSIR model	Bowei Ma
CODE279	The using way of disposable plastic cutlery and the analysis of gastrointestinal symptoms	Tian Xu
CODE125	Reducing ergonomics risk by workplace improvement based on ILO checkpoints among employee in a laundry factory, Thailand	Paevana Meepradit
CODE137	City footprint of Chantaburi Province, Thailand for assessing city sustainability	Taddao Pahasupanan
CODE430	The Design of the Device for reducing whole-body Vibration Among Workers in a sewing factory, Thailand	PichitraPatipat
CODE358	A case study on the development of prototype household waste management based on the 3Rs5Ps4 types concept in Nakhon Ratchasima Province, Thailand	Phatcharee Srikuta
CODE074	Age-based health risk due to radon exposure from water sources obtainable in the area along Mae Khong River, Nakhon Phanom Province, Thailand	Vitsanusat Atyotha
CODE392	Environmental health assessment of homestays in the Baan Prasat tourism community, Non Sung district, Nakhon Ratchasima province	Prapat Pentamwa
CODE283	Toothpaste containing Thai traditional herbal extracts: production, physical property and antimicrobial property	Sukanjana Kamlungmak
CODE143	Web Application to rapidly assess silicosis risk scores among stone carving informal workers: a case study in Nakhon Ratchasima, Thailand	Ratchapong Chaiyadej
CODE148	Prediction model and risk assessment among Khit Pillow informal workers exposed to workplace particles in Yasothon, Thailand	Kantika Samart
CODE145	Fire risk assessment of buildings in Ubon Ratchathani University, Thailand	Taksakorn Wongseeda
CODE386	Employee mood tracking system	Davit Sanpote
CODE313	Knowledge, attitude, practice on drowning prevention and its related factor among pupils at Hien Ninh secondary school, Quang Ninh district, Quang Binh province in 2022	Nguyen Quoc Viet
CODE043	Study on the mechanism of cell proliferation and apoptosis mediated by sodium arsenite through modulation of TMEM30A	Wei Zou
Maternal and Child Health, Sexual Reproductive Health (SDG 3)		
CODE296	Factors associated with cross-border healthcare seeking for childhood illnesses among parents of children under five living along the Mekong River in Khammouane province	Dalaphone douanglaty
CODE297	Factors associated exclusive breastfeeding among children age 6-24 months in Borlikhamxay province, Lao PDR	Bannousone Khammavong
CODE299	Factors associated with the utilization of the 4 th postnatal care services among postpartum women in urban community in Vientiane Capital, Lao PDR	Thongsy Vanmany
CODE302	Reproductive health services utilization among young people aged 15-24 years in Vientiane capital community	Thongmanychan Khammyvolavong

CODE	Title of Abstracts	Authors
CODE305	Factors associated with spousal violence against women in Vientiane Province, Lao PDR	Khamphouk Phengphimmachan
CODE319	Self practice in menstrual hygiene during the period among adolescent girls age 12-15 years old in Vientiane Capital	Phouthong Phommavongsa
CODE320	Impact evaluation of a cash-plus programme for children with disabilities in the Xiengkhouang Province in Lao PDR: baseline survey	Ketmany Chanthakumane
CODE321	Breastfeeding and nutritional status of child age 6-24 months in Oudomxay province	Khamsouk Southidavong
CODE337	Why are some children under 24 months still undernourished in urban and peri-urban Vientiane, a mixed-methods study	Phoutdavanh Sihalath
CODE345	Nutritional status of young pregnant women aged less than 25 years in Huaphan province, Lao PDR	Kiangthong miyoth
CODE357	Knowledge and attitude towards sexuality education among secondary school student in Vientiane Capital, Lao PDR	Palivone Khounnolath
CODE381	Exploring the influence of myopic-related environmental and behavioral factors among school-age children in Yunnan minority areas	PeiqianLi
CODE173	Reality of postpartum depression and demand for help-seeking services among mothers of children under one-year: A cross-sectional study in Vietnam	Huyen Dang Anh Tran
CODE415	Describing the rate of early childbearing and abortion in women: results from the Vietnam child and women sustainable development goals survey 2013-2021	Trinh Thi Trang
CODE418	Changes in infant mortality and low birth weight in Vietnam from 2011 to 2021: descriptive results from the multiple indicator cluster surveys on children and women	Ho Le Anh Dung
CODE435	Self care practice regarding vaginal discharge among Lao women in Vientiane Capital, Laos	Vanpaseuth Phioukhampha
Epidemiology of Communicable and Non-communicable Diseases		
CODE406	The relationship between the socioeconomic status and the quality of life in the elderly: parallel mediation between life 's essential 8 and social capital	QianWang
CODE038	Epigallocatechin gallate attenuate metabolic dysfunction-associated steatotic liver disease in zebrafish by regulation of pyroptosis	Jie Zhang
CODE017	Changes in diabetes and pre-diabetes prevalence and diabetes self-management behaviors across socioeconomic spectra in rural southwest China: 2013-2022	XiaWu
CODE387	Identification of respiratory viruses in wildlife contacts: a study from Omkoi district, Thailand	Premmarin Inmonthian
CODE129	Effect of vitamin C with bioflavonoid supplementation on telomere length in pateints with type II diabetes mellitus– a pilot study	Rujira Nonsa-ard
CODE294	Factors related to complications in patients with hypertension in urban areas of Nakhon Ratchasima province	Chatsuda Latsungnoen
CODE393	Knowledge, attitude and behaviors of palliative care of nursing students	Tanida Phatisena
CODE292	The development of seamless health care services system for the elderly at risk of stroke in Yasothon province, Thailand	Thanom Namwong and Dr. Narisara Arrirak
CODE329	Disease status of hypertensive patients: a case study of patients with follow up by Thamiram medical center, Phatalung hospital, Thailand	Supaporn Meksawi
CODE057	Diabetes knowledge, self-care behaviors and glycemic control among type 2 diabetic patients at Pho Hai Sub District, Warin Chamrap District, Ubon Ratchathani Province, Thailand	Chanwit Maneenin

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CODE420	Knowledge, attitudes, and self-protective behaviors against COVID-19 infection among students utilizing geographic information systems for online learning at home: a study from the faculty of Public Health at a university	Klarnarong Wongpituk
CODE293	From hesitancy to hope: transforming COVID-19 vaccine perceptions in Southern Thailand	Nirachon Chutipattana
CODE111	Current palliative care needs of cancer patients received inpatient treatment at Hue Central Hospital	Tran Thi Mai Lien
CODE327	Associations between meteorological elements and the daily number of hospitalizations of cardiovascular diseases in Phu Vang district medical center, Thua Thien Hue province in 2018-2022	Ta Tan Bang
CODE404	Study on capacity and readiness in management of hypertension and diabetes diseases at commune health stations in Thua Thien Hue province	Truong ThiNgoc Anh
CODE416	Objective financial toxicity in cancer patients in a referral hospital in Vietnam	Le Duc Huy Hoang
CODE432	Chronic disease drug management system in the COVID-19 context within the Yangchumnoi District Health Service Network, Sisaket Province, Thailand	Tivavun Skulchan
CODE433	Factors Associated with Self-Protective Behaviors Against COVID-19 Among Sub-district Level COVID-19 Comprehensive Response Teams (CCRT) in Thailand: A Cross-Sectional Study	Jinda Khamkaew
Health Literacy and Health Promotion		
CODE196	Prevalence and influencing factors of dyslipidemia in adults in Yunnan Province, 2020	Guitao Li
CODE273	A study on the effect of wechat group-based health education on patients reported outcomes of hypertension	Xiaoqing Zhang
CODE340	Social capital mediates the association between life events and quality of life among adults in a county in Yunnan Province.	Shifan He
CODE198	Factors Related to Health Promoting Behaviors in the Young Elderly, Kalasin Province	MetineeMethaneed ol
CODE058	Social participation in response to NCDs in the community: Phra Phrom District Health Charter, Nakhon Si Thammarat Thailand	Phruksa Sinlueam
CODE268	The effectiveness of health literacy program for liver fluke prevention among the risk group in Mukdahan, Thailand	Weerapon Huaisai
CODE399	Strengthening the network of public health education institutions of Thailand for road traffic injury management: lesson learned and moving forward	Boonruang Khaonuan
CODE197	The application of self-efficacy theory in modifying behavior to prevent dental caries among Grade 5 students in Mueang Khaen Subdistrict, Rasi Salai District, Sisaket Province, Thailand	KunlachartWattana vong Valuvanaluk
CODE110	The current status of knowledge, attitudes and use of electronic cigarettes among male students at two highschools in Thai Binh City	Do Quynh Anh
Health Service and Healthcare Management		
CODE230	An in-depth analysis of the degree of implementation of integrated care for diabetes in primary health care in Cambodia	Vannarath Te
CODE419	Estimating the number of health staff required for providing cardiovascular disease risk screening services at health centers in Cambodia: Using the WISN Tool	Long Sereylaksmeay
CODE003	Readiness of primary care services towards addressing the health needs of Filipinos: a cross-sectional assessment	TJ Robinson Moncatar
CODE090	Factors associated with confidence to access health care service among youths, adults and elders in Lao PDR: a lesson learnt after covid pandemic	Viengnakhone Vongxay

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CODE073	Outcomes of a multidisciplinary team care for epilepsy management at Setthathirat Hospital in Lao PDR	Saysamooth Phanouvong
CODE098	Antibiotic use in normal delivery at Central hospitals, in Vientiane Capital . Laos	Sisouvanh Sayyavong
CODE104	Availability and readiness of utilization for integrated MCH/Malaria/TB/ HIV services in remote districts of Savannakhet Province	Xayphasith Vorlasinh
CODE157	Stability study of oseltamivir extemporaneous suspension	Thatsanand Xayavong
CODE217	The quality of life of patients with chronic kidney disease in Vientiane capital, Lao PDR	Athitdeth Xavongxay
CODE257	Facilitators and barriers regarding to palliative care services in tertiary care hospitals in Vientiane Capital Laos	Alongkone Phengsavanh
CODE258	The impact of overactive bladder on health-related quality of life among women in Vientiane Capital. Laos	Sitthysack Panyavatthanasinh
CODE331	Factor associated with clinical competencies among medical students' faculty of medicine university of health sciences at Vientiane capital	Naly Sengmixay
CODE045	Study on health utility values and influencing factors of six Zhiguo ethnic minorities in Yunnan Province	Yafang Zhang
CODE250	Exploring the mechanism of conjugated linoleic acid-enriched fermented milk in treating nonalcoholic fatty liver disease based on multi-omics analysis	Jia Xiong
CODE284	Analysis of self-rated health changes and influencing factors among middle-aged and elderly people in China	Zhongjie WANG
CODE401	Analysis of community-based home health care integration practice based on SWOT-CLPV theory - a case study of district G	Xiao-wei ZHANG
CODE434	Development system and mechanism for elderly patients of Pho Yai Subdistrict, Warin Chamrab District, Ubon Ratchathani Province	Atthawit Wongmanee
HIV/AIDS, TB and Malaria (SDG 3)		
CODE400	Mathematical modelling for intervention strategies to control hepatitis B infection in Lao PDR	Ramon Brown
CODE037	Healthcare worker's knowledge of integrated HIV, TB and malaria and confidence in providing HIV AIDS, TB and malaria services in Savannakhet Province, Lao PDR	Chansathit Taikeophithoun
CODE176	Inappropriate Behavior of using Tuberculosis drug among TB patients in Vientiane Capital, Lao PDR.	Chansouk Vongsansouvanh
CODE275	Malaria, TB and HIV: A facility-based review on positive case report by rapid diagnostic test (RDT) and the number of RDT access in remote district of Savannakhet	Vansy Vilayvone
CODE280	Factors associated with pre-exposure prophylaxis (PrEP) use among man who has sex with man (MSM) in Vientiane Capital, Lao PDR: case-control study abstract	Thatsaphone Luangaphay
CODE285	Research on the quality of life of HIV/AIDS patients receiving antiretroviral therapy	HELiping
CODE288	Social support status and influencing factors of HIV-infected patients on antiviral therapy	XuelinXiang
CODE421	Advances in HIV/AIDS quality of life research after ART	TingTan
CODE202	Proactive tuberculosis screening using chest radiography among risk groups in Yang Chum Noi District, Sisaket Province, Thailand	Tuanjai Saesin
Mantal Health		
CODE026	The effect of family function on the psychotic-like experience of college students in Qiqihar, Heilongjiang Province, China	Xinyue Jiang

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CODE033	The impact of depressive and anxiety symptoms during pregnancy on adverse pregnancy outcomes among Zhuang ethnic women in Yunnan, China	ChunyanDeng
CODE370	A survival prediction model for patients with schizophrenia based on random survival forest algorithm	Yi Li
CODE022	Depression and associates among students at Mahasarakham University, Mahasarakham Province Thailand	Sirapat Khodseewong
CODE311	Factors associated with stress among university of Phayao students	Uratcha Sadjapong
CODE181	Stress, anxiety and depression among high-risk groups in Vietnam during the COVID-19 pandemic: A cross-sectional study	Pham Tien Nam
CODE267	Depression and anxiety among undergraduate students at a university in Ha Noi, Vietnam in 2023 and associated factors	Hien Thi Thu Ngo
CODE167	Impact of climate change on forest-harvested food and the nutrition of children and families in Lao	Douangsamai Akkhasith
CODE269	Factors associated with the covid-19 booster doses among migrant workers working at the factory in Vientiane capital	Onchan Youthaleuxay
CODE409	Research on equity and efficiency of rural health resource allocation	XingWang
Nutrition Promotion and Food safety (SDG 2)		
CODE029	The study of elsholtzia bodinieri vaniot essential oil in reducing HepG2 cell lipid accumulation through activating lipophagy	Xiaoying Liu
CODE030	Study on the role of Drs2p in arsenic tolerance in brewing yeast	Xiaoying Liu
CODE031	Evaluation of acute toxicity of elsholtzia bodinieri vaniot essential oil Conghui Xing	Conghui Xing
CODE168	Prevalence and molecular characteristics of Listeria Monocytogenes in retail foods in Yunnan, Southwestern China	Xuejuan Huang
CODE251	Changes in gut microbiota of hypertensive patients of Han nationality living in Yunnan Plateau based on 16S rDNA analysis	JiaXiong
CODE199	Developing restaurant operations to the standard of clean, delicious food at a very good level in Wapipathum Subdistrict Municipality Wapipathum District Mahasarakham Province	Supawadee Satee
CODE277	Effects of the food sanitation literacy development program on food behaviors of the food handlers in restaurants in Samkhok district, Pathum Thani province	Kannika Chunthaisong
CODE423	Improving breakfast consumption and nutritional status among school-age children: a case study in an elementary school of Nakhon Ratchasima Province, Thailand	Thitima Rayaphet
CODE072	Participatory community innovation for food security: lessons from Khok Salung Sub-district, Lopburi Province, Thailand	Napapohn Chaemtuptim
CODE108	Nutrition status and its associated factors among the elderly in a Vietnam rural medical center: A cross-sectional study	TanTrinh Thanh
CODE158	Eating and mealtime behaviours in vietnamese children with autism spectrum disorder	Le Thi Thu Ha
CODE178	Evaluate nutritional status and some related factors in patients after gastrointestinal surgery at Hue University of Medicine - Pharmaceutical hospital	Vo Minh Hoang
CODE413	Evaluating the dietary intake of the elderly in Hue city. Vietnam	Chau Viet Loc.
CODE414	Appetite loss among the elderly and related factors in Hue city, Vietnam	Chau Viet Loc.
CODE291	The comparison of prevalence, awareness, treatment and control of hypertension among adults along the Lancang-Mekong River countries-China, Laos and Cambodia	Huadan Wang
CODE227	Family health behaviors among hypertension person at Xieng Khouang provicial hospital, Lao people's democratic republic	Bounthasan Pimmasan

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CODE014	Research on the nutrition status and management countermeasures of students in compulsory education stage in Z County from the perspective of public policy	Gao Yanxiang
CODE361	Risk assessment of outbreak of intestinal infectious diseases in earthquake-stricken areas	FaGuoLu
CODE364	Clinical characteristics analysis of dengue virus infection combined with liver damage in Mengla county, China Laos border area	Wei Nan



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