AARM, AIT announces

AIT-AQUAMIMICRY AQUATAINMENT SYMPOSIUM THAILAND 2020

For innovative aquaculture entrepreneurship

scan me to REGISTER

17-22 MARCH 2020

17-18 at AIT Conference Centre
19 March - Farm tour
20-22 March at Hua Hin Beach

Register before 17 February 2020 for the early bird price

RESOURCE PERSONS

Dr. Krishna R. Salin, Ph.D.

AARM Program Chair / Asian Institute of Technology, Thailand

Dr. Salin is currently coordinating the Aquaculture and Aquatic Resources Management (AARM) Program of Asian Institute of Technology as its Program Chair. He has set a new research focus for AARM centered on sustainable intensification of aquaculture production and has initiated a series of capacity development programs substantially boosting the visibility of AIT's aquaculture program in the Asia-Pacific region and beyond.

Dr. Amararatne Yakupitiyage, Ph.D.

Adjunct Professor / Asian Institute of Technology, Thailand

Dr. Amara obtained his Ph.D. from Stirling. He specializes in designing of tropical aquaculture systems, aquaculture nutrition, and feed technology. His research involves aquaculture waste management and biofloc systems. He has supervised around 130 Masters and 30 Doctoral students, and published over 60 peer-reviewed papers.

Dr. Nyan Taw, Ph.D.

Consultant / World Bank, Vietnam

Dr. Nyan Taw has made significant contributions to the development of Shrimp Biofloc technology, and has been an FAO Consultant for the World Bank-ADB funded projects in Vietnam. He was the former GM of Blue Archipelago Bhd, Malaysia; CTA for FAO projects and SVP/VP of Indonesian shrimp farming companies (Dipasena & CPB). He has published/presented over 80 papers, and recently co-authored a chapter in the book, Biofloc Technology: A Practical Guide Book, and published a book on Intensive shrimp farming systems in Asia.

Dr. Kallaya Sritunyalucksana, Ph.D.

Principal Researcher & Head / Aquatic Animal Research Team, BIOTEC
National Science and Technology Development Agency (NSTDA), Thailand

Dr. Kallaya is the Head of Shrimp Immunology Platform of Center of Excellence for Shrimp Molecular Biology and Biotechnology (Centex Shrimp), Faculty of Science, Mahidol University, Bangkok, Thailand, and Adjunct staff at Department of Biotechnology, Faculty of Science, Mahidol University, Thailand.

Dr. Chalor Limsuwan, Ph.D.

Kasetsart University, Thailand

Dr. Chalor is one of the most well-known and practical shrimp farming experts in Thailand. His shrimp BMPs and health management protocols are applicable to most of the world's shrimp farming regions.

Prof. Yew-Hu Chien, Ph.D.

Adjunct Professor / National Taiwan Ocean University, Taiwan

Prof. Yew-Hu Chien obtained his Ph.D. from the Louisiana State University. His fields of specialization include aquaculture environment management and impact assessment, feasibility study and planning of aquaculture projects, development of functional feed supplement, aquaponics etc.

Dr. Kriengkrai Satapornvanit, Ph.D.

Kasetsart University, Thailand

Dr. Kriengkrai teaches the fundamentals of ecology, ecology of fish, aquatic toxicity and hazard evaluation. He is specialized in research covering water quality, integrated farming, socio-economics, fish dynamics, environmental impacts, and other interdisciplinary topics. He also supervises students for special studies and practicum. He has also previously held the position of Associate Dean for Research, and the Associate Dean for Academic Affairs.

RESOURCE PERSONS

Mr. Veerasun Prayotamornkul

Thai Organic Shrimp Farming Group, Thailand

Mr. Veerasun is a great proponent of Biomimicry concept that is successfully practiced in shrimp farms of Thailand and Vietnam. This concept is spreading fast to other parts of the world as a means of producing disease-free shrimp. With his technical expertise on management of organic effluents, he has pioneered the development of an efficient protocol for a water-conserving and nutritionally advantageous mode of shrimp aquaculture in Thailand.

Dr. Nadiah W. Rasdi, Ph.D.

Senior Lecturer / Universiti Malaysia Terengganu, Malaysia

Dr. Nadiah has broad experience in planktonology and live food culture. She has also worked on research areas such as food and nutrition of aquatic animals to identify trophic relationships in the food web and applying these findings to aquaculture management to increase fish and shrimp production. Besides, she is also committed to understand the impacts of climate change on zooplankton biology, abundance, as well as on their growth and reproduction. The goal of her research is to assist in the sustenance of food security sector.

Mr. Roberto Ferrón Cosme

CEO / Marinasol, Peru

Mr. Roberto has 22 years of experience on different aquaculture areas and diverse species like sea bass, sea bream, turbot, sole, tilapia, corvina, and shrimp. He is the founder of a new and revolutionary aquaculture consulting company, OCEANS 4.0 since April 2018, focusing on new technologies in fish and shrimp farming operations, BAF (Balanced Aquaculture Farming), and development of RAS and super intensive aquaculture systems. Currently, he has taken over as the CEO of Marinasol Peru, the biggest shrimp farming project and super intensive farming system in Latin America.

Mr. David Kawahigashi

Founder & Director / Vannamei 101

Mr. David has 40 years of technical and management experience in all phases of shrimp aquaculture. He is the founder and Director of Vannamei 101 (2006-present), an aquaculture consulting and training company based out of Hawaii. His areas of expertise include design and implementation of multi-phase, intensive production systems, genetic programs and hatchery management. He is highly proficient in initiating and operating start-up projects, budget preparation, and technical SOP manuals for all phases of shrimp culture. His current focus is on sustainability protocols using synbiotics and recirculation modeling in both Asia and the Americas.

Mr. N. B. Vijayakumar Kallepalli

Technical consultant / India

Mr. Vijayakumar has about 27 years of experience in shrimp farming. He was an international speaker on water quality management in various countries such as Thailand, Honduras, Nicaragua, Ecuador, Bangladesh, Sri Lanka, Norway and Egypt. He has a key expertise in aquamimicry (synbiotics). Additionally, he also brings his work experience in Belize, Ecuador, Thailand, Indonesia, Vietnam and Nigeria.

Mr. Glen Cho

CTO / Aqua Development Ltd.

Mr. Glen Cho has developed an innovative super intensive indoor shrimp farming system named KAMI SYS based on Aquamimicry concept applying IMTA and polyculture in Korea. KAMI SYS features an easy-to-learn, simple-to-manage, and high yielding production system for high quality shrimp through the nature-mimicking farming method.

Course contents

Dr. Krishna R. Salin

- AIT"s Aquaculture Program – a unique global positioning
- Sustainable Asian Aquaculture – an overview

Dr. Amararatne Yakupitiyage

- Basic concepts and principles for Biofloc and Aquamimicry technologies
- The science of synbiotics for sustainable aquaculture

Dr. Kallaya Sritunyalucksana

- Diagnostic protocols and remedial measures for diseases confronting global shrimp farming

Dr. Nyan Taw

- Commercial Biofloc shrimp farm design and construction
- Shrimp farming practices – complete and semi-biofloc systems

Dr. Chalor Limsuwan

- Successful shrimp farming in the tropics: The BMPs and biosecurity protocols

Dr. Kriengkrai Satapornvanit

- Rehabilitation – a new life in the old shrimp pond

Prof. Yew-Hu Chien

- Feasibility study for shrimp farming
- Kuruma shrimp (*Marsupenaeus japonicus*) farming technology

Mr. Roberto Ferrón Cosme

- Kuruma shrimp (*Marsupenaeus japonicus*) pond design

Mr. David Kawahigashi

- Cost / Benefit of the use of synbiotics in shrimp farming worldwide

Dr. Nadiah W. Rasdi

- Copepods – the capsule of nutrients for aquaculture

Mr. Veerasun Prayotamornkul

- Aquamimicry in aquaculture – the sustainable alternative

Mr. N. B. Vijayakumar Kallepalli

- Aquamimicry – the Indian experience

Mr. Glen Cho

- KAMI SYS (Korean Aquamimicry Indoor System) – super intensive indoor shrimp farming

Farm Tours

Decha's Shrimp Farm

Thai model aquamimicry shrimp farm managed by Mr. Decha Bunluedech, who is leading the farmer Coopertive in Sam Roi Yod, Prachuap Khirikhan, Thailand. It is one of the most sustainable shrimp farms in the country over the past several years.

Thai Sturgeon Farm Co.,LTD. (Caviar Farm)

A high-tech sturgeon farm producing meat and caviar based in Hua Hin, Prachuap Khirikhan, Thailand. The first phase facility of 1,500 square meters is producing a maximum production capacity of 1,500 kg of black caviar a year.

Symposium fee: 1900 US$ includes:

- Symposium kit
- Hotel accommodations for 6 nights
- Meals, and two coffee breaks every day, and
- Local transportation for field visit

*The Course Fee does not cover any international travelling, visa fees, personal travelling, phone calls, medical or insurance charges, contingencies, or any other personal costs. Please arrange sufficient additional funds for all such expenses.

Early bird price: 1700 US$ (register before 17 February 2020)