



Fish Health Section

Asian Fisheries Society

Message from the Chair

Dear FHS Colleagues,

Greetings and New Year Wishes!

First of all, I would like to thank all of you for your generous support to this year's DAA10. Without your support, we could not have held an event of this size, 402 participants from 29 countries, and celebrated a milestone of DAA in Bali. The DAA10 Handbook and Proceedings is available on FHS-AFS website: <http://www.fhs-afs.net/publications.htm>

I am pleased to accept the role of Chairperson for the FHS-AFS 2017-2020. I started my career at FHS as a young committee member of the Fifth Executive Committee (ExCo) 2002-2005, since I attended the DAA5 and TGM6 held in Gold Coast, Australia in November 2002, thanks to the DAA5 travel award.

Looking back on that southern spring week in 2002, it is now clear that my introduction to FHS has opened up many great opportunities in shaping my scientific endeavours. Along the way, I have met many wonderful FHS members, young and old, who have now become life-long friends. Thanks to Dr Rohana Subasinghe and Dr Melba Reantaso for introducing me to this wonderful society. It was also through FHS ExCo 2002-2005, I met Prof Peter Walker (then Secretary and Treasurer) who took me as his PhD student in 2006.

Fast forward 15 years later, two weeks following my appointment as Chairperson of FHS, I travelled to Bangladesh to support WorldFish's programme on building capacity of aquatic animal health in the country. Working with Partho Debnath from WorldFish Bangladesh and an observer of FHS ExCo 2017-2020, reminds me of those 'KHV days' when I accompanied senior scientists from regional and international organizations including AusVet, AAHRI, NACA and FAO investigating KHV outbreaks in carp in my homeland back in 2002. Last month, while attending the Global Tilapia Health Workshop organized by Dr. C.V. Mohan (WorldFish) in Penang, I managed to catch up with Dr Kua Beng Chu, our 'top pitcher' Vice-Chairperson. We've now initiated preparations for DAA11 which will be held in Kuching, Malaysia in 2020 and would like to invite you all to celebrate 30 years of DAA in Kuching.

In addition to organizing DAA11 and publishing eNewsletters, the new ExCo is committed to promote effective interaction and cooperation among those involved in aquatic animal health research ([By-Laws, Article II.2.a.](#)) by using the AFS website <http://www.fhs-afs.net> as 'an interaction and collaboration hub'. We'll update and 'freshen up' the website by adding new pages including 'Directory' and 'Opportunity'. The 'Directory' tab will contain database of FHS members with up-to-date information. The 'Opportunity' tab is a hub to accommodate opportunities around aquatic animal health in the region and the world. This hub will be used by, and for, members to post, search and discuss opportunities around aquatic animal health research including, but not limited to, research opportunities, potential collaborations, funding schemes, scholarships, postdocs and job vacancies. As such, the success of the hub will largely depend on the participations of members, and therefore, I encourage all members to support FHS activities by contributing to the Hub and to the eNewsletter. On behalf of FHS, we thank the editorial team of the eNewsletter for their hard work and preparing the eNewsletter in time.

I look forward to working with ExCo and all of the members to bring this wonderful society to the next level over the coming years.

Dr Agus Sunarto
Chairperson, FHS-AFS (2017-2020)



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FHS/AFS EXECUTIVE COMMITTEE 2017-2020

The FHS/AFS Executive Committee for the period 2017-2020 was elected during the Eleventh Triennial General Meeting (TGM-11) held in Bali, Indonesia during 28 August - 1 September 2017 in conjunction with the Tenth Symposium on Diseases in Asian Aquaculture (DAA10), a triennial symposium organized by the FHS. The elected officials are:



From left to right: Dang Thi Lua, Benjaporn Somridhivej, Imelda Rantty, Dewi Syahidah, Yan Liang, Siow-Foong Chang, Varinee Panyawachira, Gerald Misol Jr., P.K. Pradhan, Kua Beng Chu, Agus Sunarto, Eduardo Leño, Phan Thi Van, Han-Ching Wang, Motohiko Sano, Partho Pratim Debnath

FHS Advisors: Rohana Subasinghe, Melba B. Reantaso, Supranee Chinabut

Chairperson: Agus Sunarto (Indonesia/Australia)

Vice-Chairperson: Kua Beng Chu (Malaysia)

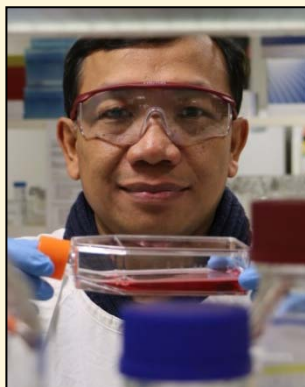
Secretary/Treasurer: Eduardo Leño (Thailand/Philippines)

Members: Phan Thi Van (Vietnam), Motohiko Sano (Japan), P.K. Pradhan (India), Han-Ching Wang (Taiwan), Liang Yan (P.R. China), Siow-Foong Chang (Singapore), Varinee Panyawachira (Thailand), Gerald Misol, Jr. (Malaysia)

Observers: Dang Thi Lua (Vietnam), Benjaporn Somridhivej (Thailand), Imelda Rantty (Malaysia), Dewi Syahidah (Indonesia), Partho Pratim Debnath (Bangladesh)

FHS Electronic Newsletter Editors: Supranee Chinabut (Advisor), P.K. Pradhan, Neeraj Sood, Dewi Syahidah

Chairperson



Dr. Agus Sunarto (Indonesia/Australia)

*Commonwealth Scientific and Industrial Research Organization (CSIRO),
Australian Animal Health Laboratory,
Geelong, Victoria 3220, Australia
e-mail: agus.sunarto@csiro.au*

Dr. Agus Sunarto obtained his PhD in Molecular Virology from the University of Queensland and was head of Fish Health Research Laboratory under the Indonesian Ministry of Marine Affairs and Fisheries before joining the Commonwealth Scientific and Industrial Research Organization (CSIRO, Australia). Agus has developed a strong track record of working with regional and international organizations including ACIAR, AusVet, NACA, FAO and recently WorldFish. His research interests include promoting sustainable aquaculture by managing fish viral diseases and protecting aquatic environment by mitigating invasive species impacts. He works in Ken McColl's lab investigating koi herpesvirus (KHV) as a potential biological control agent for carp in Australia and in Tim Doran's genome engineering lab exploring the application of gene-editing technologies in aquaculture. Agus is also developing interest in surveillance systems using next-generation sequencing technologies and in managing tilapia as the aquatic chicken and as an invasive species.



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Vice-Chairperson



Dr. Kua Beng Chu (Malaysia)
Director
Fish Health Research Division,
National Fish Health Research
Division (NaFish), Fisheries
Research Institute, Department
of Fisheries, BatuMaung
11960 Penang, Malaysia
 e-mail: kbengchu@yahoo.com

Dr. Kua Beng Chu has been a Research Officer since 1996 and is currently a Director of Fish Health Research Division with National Fish Health Research Division (NaFisH) of Fisheries Research Institute under Department of Fisheries Malaysia. She obtained a Bachelor of Fisheries Science (Aquaculture) and Master of Science (Fish Health Management) from University Putra Malaysia (UPM) in 1993 and 1996 respectively. She completed her PhD in fish parasitology from University of Science, Malaysia (USM) in 2002.

Over the past 21 years, she has been involved in research on fish health, focusing in fish parasite, pathology, disease prevention and management. She has been a Project Leader for more than 10 grants and has written more than 40 technical papers. She has patented four innovations and one trademark to date. In addition, she has written a book on Ectoparasites in Aquaculture to assist farmers to overcome the ectoparasite problems, and a series of children books on diseases in fisheries with the purpose of creating awareness to the younger generation.

Secretary/Treasurer



Dr. Eduardo Leña
(Thailand/Philippines)
Coordinator
Aquatic Animal Health
Programme, Network of
Aquaculture Centres in Asia-
Pacific, Bangkok, Thailand
 e-mail: eduardo@enaca.org

Dr. Eduardo Leña is currently the Coordinator of Aquatic Animal Health Programme of NACA. His specialization is on Aquatic Animal Health and Marine and Freshwater Mycology.

Before joining NACA in April 2010, he has worked at the Fish Health Section of SEAFDEC Aquaculture Department, Philippines (1989-2001), and as Research Fellow at Taiwan Fisheries Research Institute (2002-2003) and National Taiwan Ocean University (2004-2010) in Keelung, Taiwan. Dr. Leña obtained his PhD degree (Applied Microbiology) at the City University of Hong Kong (1999), his MSc (Fisheries) at the University of the Philippines in the Visayas (1993) and his BSc (Inland Fisheries) at Central Luzon State University (1989). He has co-edited four books on aquaculture, and published more than 50 scientific papers on aquatic animal health and aquaculture.

Members



Dr. Phan Thi Van (Vietnam;
Immediate Past Chairperson)
Director
Research Institute for Aquaculture
No. 1 (RIA 1), Dinh Bang, Tu Son,
Bac Ninh, Vietnam
 e-mail: phanvan@ria1.org

Ms Phan Thi Van is Director of Research Institute for Aquaculture No.1 under Ministry of Agriculture and Rural Development in Vietnam. She has a MSc degree in Aquaculture from Asian Institute of Technology, Bangkok, Thailand, and a PhD degree in Epidemiology and Food Safety from Copenhagen University, Denmark. She is an associate professor of Vietnam National University of Agriculture. Her main professional focus is on Aquatic Animal Health, Environment, Good Aquaculture Practices and Food safety in aquaculture. She is author/co-author of national and international per-reviewed papers, books and extension materials in addition to also being a reviewer herself for international peer-reviewed journals. She has been used as an expert by FAO, UNDP, OIE and others, both in Vietnam and outside (Asia, Europe, Africa and Caribbean).



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Dr. Motohiko Sano (Japan)
Professor
Department of Marine Biosciences, Tokyo University of Marine Science and Technology, Konan 4-5-7, Minato-ku, Tokyo 108-8477, Japan
 e-mail: msano00@kaiyodai.ac.jp

Dr. Motohiko Sano is currently a Professor at the Tokyo University of Marine Science and Technology. His field of specialization is on fish virology and bacteriology. His laboratory is an OIE Reference Laboratory for Koi Herpesvirus (KHV). Dr. Sano obtained his PhD (1990), MSc (1987) and BSc (1985) in Fisheries degrees at Tokyo University of Fisheries. He previously worked as Director of the Center for Aquatic Genomics, National Research Institute of Fisheries Science (2010-2013), the Aquatic Animal Health Division, National Research Institute of Aquaculture (2008-2010), and Diagnosis and Training Center, National Research Institute of Aquaculture (2007-2008). He is also an active member of the Japanese Society of Fish Pathology (2015-: Editor-in-Chief), Japanese Society of Fisheries Science (2014-: Editor), Japanese Society of Aquaculture Science, Asian Fisheries Society, and European Association of Fish Pathologists.



Dr. Pravata Pradhan (India)
Principal Scientist
Fish Health Management and Exotics Division, ICAR-National Bureau of Fish Genetic Resources, Lucknow, India.
 e-mail: pradhanpk1@gmail.com

Dr. Pravata K. Pradhan is currently working as a Principal Scientist in the Fish Health Management and Exotics Division of ICAR-National Bureau of Fish Genetic Resources at Lucknow, India. He has over 16 years of teaching and research experience. Prior to joining in the present position, he served as an Assistant Professor in the College of Fisheries under Central Agricultural University, Agartala, Tripura during 2002-2008. He received his Ph.D. in the area of Aquaculture with specialization on Fish Pathology in the year 2003 from College of Fisheries, Mangalore under Karnataka Veterinary Animal And Fisheries Sciences

University, India. His current research areas include studying host-pathogen interaction in dynamic-disease situation, identifying virulence factors of the pathogens, innate and adaptive immune response against fish pathogens, ontogeny of immune system in finfishes investigation of disease outbreaks in aquatic animals. He is actively involved in implementing aquatic animal disease surveillance programme in India.



Dr. Han-Ching Wang (Taiwan)
Professor
National Cheng Kung University, No. 1, University Road, Taiwan
 e-mail: wanghc@mail.ncku.edu.tw

From the first year of her MSc in 2000 to the completion of her PhD at National Taiwan University in early 2007, Dr. Han-Ching Wang's research work has emphasized the use of proteomics and structural biology to study pathogenesis of a large, novel, dsDNA white spot syndrome virus (WSSV). In early 2007, she transferred to the Tokyo University of Marine Science and Technology, where she switched her research field to shrimp immunity, using animal models and transcriptomics. In 2008, she became the youngest member of the faculty at National Cheng Kung University in Taiwan and established her own Laboratory of Translational Aquabiology (TLAB). Dr. Wang's motivation is the threat of pathogenic diseases to cultured shrimps, including those caused by viruses (e.g. white spot disease; WSD) and bacteria, in particular, acute hepatopancreatic necrosis disease (AHPND). She uses an integrated systems-biology approach including metabolomics and lipidomics to study pathogenesis of WSD and AHPND. She also discovered Down syndrome cell adhesion molecule (Dscam), the first antibody-like molecule identified in shrimp, and she has a goal of using a science-based approach to optimize potential shrimp vaccine strategies. She believes that this is very important, both for science and also for the shrimp aquaculture industry.



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Dr. Liang Yan (P.R. China)
Associate Researcher
Yellow Sea Fisheries
Research Institute, Chinese
Academy of Fishery
Sciences, Ministry of
Agriculture of People's
Republic of China,
Qingdao, P.R. China
e-mail: liangyan@ysfri.ac.cn

Dr. Liang Yan is an Associate Researcher at the Yellow Sea Fisheries Research Institute (YSFRI), and a Technical Expert of National Fisheries Technology Extension Center (NFTEC) of the Ministry of Agriculture of People's Republic of China. She works as backbone of scientific research of Maricultural Organism Disease Control and Molecular Pathology Division of YSFRI. She is engaged in epidemiology studies shrimp viral diseases. She also worked on the establishment of biosecurity technological system for aquaculture industry of China. At present, she is in-charge of National Surveillance Program on reportable aquatic animal diseases of China in NFTEC, and involved in the establishment of National Epidemic Prevention System for Aquatic Animals of China.

Dr. Yan obtained her PhD at the Chinese Academy of Sciences, China. She was also a visiting scholar at Centex Shrimp, Mahidol University & National Center for Genetic Engineering and Biotechnology (BIOTEC), Thailand (2008-2009), and visiting scholar of VU University Amsterdam, the Netherlands (2013-2014).



Dr. Siow-Foong Chang (Singapore)
Agri-food and Veterinary
Authority (AVA), JEM Office
Tower, 52 Jurong Gateway
Road, #14-01, Singapore
e-mail: siowfoongchang@yahoo.com

Dr. Siow-Foong Chang started work at the Agri-Food and Veterinary Authority (AVA) of Singapore where he served in various operational and strategic roles responsible for control of

zoonotic diseases, disease surveillance, food safety and veterinary public health at national and regional levels. He was involved with control of major zoonotic disease outbreaks affecting the region, including Nipah virus, H5N1 avian influenza and H1N1 swine influenza. In 2010, he joined MSD as Site Lead for the MSD Animal Health aquatic animal disease research facility in Singapore, where he managed R&D activities focused on fish diseases and fish vaccine development for warm water aquaculture. After 7 years in MSD, he returned to AVA as Group Director overseeing the surveillance and regulation of animal and plant establishments.

Dr. Chang graduated from Glasgow University with a degree in Veterinary Medicine and Surgery, and a MSc degree in control of infectious disease in animals from the Royal Veterinary College in London. His professional interest is focused on disease control, epidemiology and aquatic animal health, with special interest in fish viral diseases.



Ms. Varinee Panyawachira (Thailand)
Aquatic Animal Health Research
and Development Division,
Department of Fisheries,
Kasetsart University Campus,
Ladyao, Jatujak, Bangkok,
Thailand
e-mail: ninee43@hotmail.com

Ms. Varinee Panyawachira is a Fishery Biologist of the Aquatic Animal Health Research and Development Division. She is the Head of the Histology and Mycology Laboratory since 2004. Ms. Varinee finished her M.Sc. in Fisheries Science (2004) and BSc in Fisheries (1996) degrees at Kasetsart University.



Mr. Gerald Misol, Jr. (Malaysia)
Fisheries Officer
Biosecurity Division, Department
of Fisheries Malaysia, Putrajaya,
Malaysia
e-mail: gerald@dof.gov.my

Mr. Gerald Misol, Jr. is currently with the Department of Fisheries Malaysia as the Competent Authority (CA) for fish health management. He is involved directly in the creation and



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implementation of legislations, policies and programs regarding fish health and biosecurity including sanitary and phyto-sanitary requirements for international trade of fish. He is also been invited as speakers in various seminars, conferences and workshops for fish health. Currently, he is principally involved in the following: drafting and implementation of key legislations and policies for fish health management in Malaysia; national fish disease surveillance and domestic fish disease eradication programs including contingency plans; biosecurity certification for aquaculture farms and premises including quarantine protocols; antimicrobial resistance and seafood quality; and, research projects on probiotics.



Dr. Benjaporn Somridhivej (Thailand)

Aquatic Animal Health Research and Development Division, Department of Fisheries, Kasetsart University Campus, Ladyao, Jatujak, Bangkok, Thailand
e-mail: somribe@gmail.com

Observers



Dr. Dang Thi Lua (Vietnam)

*Vice Director
Center for Environment and Disease Monitoring in Aquaculture, Institute for Aquaculture No.1 (RIA1), Dinh Bang, Tu Son, Bac Ninh, Vietnam*
e-mail: danglua@ria1.org

Dr. Dang Thi Lua is currently the Vice Director of Center for Environment and Disease Monitoring in Aquaculture (CEDMA), Research Institute for Aquaculture No. 1 (RIA1). She has been an aquatic animal health specialist for more than 18 years and currently responsible as the leader of research group on aquatic animal diseases at RIA1. She obtained Bachelor degree in Aquaculture from Nha Trang University of Fisheries, Vietnam and MSc and PhD degrees in Applied Marine Biosciences from Tokyo University of Marine Science and Technology, Japan. She also undertook postdoctoral fellowship program at the Tokyo University of Marine Science and Technology during 2008-2010 and involved in AHPND projects in shrimps in Vietnam. Dr. Lua has been an active manager and member of number of research and development projects funded by international and national authorities in Vietnam. Her interests and experiences are on aquatic animal disease research, including disease diagnosis, AMU, AMR, seafood HACCP and disease control. She is also involved in teaching and training.

Dr. Benjaporn Somridhivej is a Fisheries Biologist of the Aquatic Animal Health Research and Development Division (AHRDD) of the Department of Fisheries (DoF), Thailand. She is working under the Drug and Chemicals Control Research and Development Group, which is responsible for drug and chemical residue monitoring in aquaculture. She is also working on antimicrobial resistance in aquaculture. Dr. Benjaporn finished her PhD degree at Auburn University in 2015. She previously worked at the National Aquaculture Genetic Research Institute (NAGRI) of the DoF, Thailand.



Ms. Imelda Rantty (Malaysia)

Department of Fisheries Malaysia, Fisheries Research Institute Sarawak, Jalan Perbadanan, Bintawa, PO Box 2243, 93744 Kuching, Sarawak, Malaysia
e-mail: imeldarantty@gmail.com

Ms. Imelda Rantty is working as a Research Officer in Fisheries Research Institute Sarawak under the Department of Fisheries Malaysia. She took her Bachelor of Science (Hons) – Microbiology from University Putra Malaysia, Selangor and Masters in Biology (Aquaculture Biology) from University of Bergen, Norway. Her past and current work includes seafood safety and quality, aquaculture, fish health management in aquaculture and fish and shrimp disease diagnosis both in cultured and wild species.



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**Ms. Dewi Syahidah
(Indonesia)**

*Institute for Marine and
Aquaculture in Gondol, Bali,
Indonesia*

e-mail:

dewi.syahidah@my.jcu.edu.au

Ms. Dewi Syahidah is a PhD student at Veterinary and Biomedical Sciences, James Cook University, Australia (2013-2017). She has been working as a research staff at Institute for Marine Research and Aquaculture Development (IMRAD) now is aka as Institute for Marine Research and Aquaculture Development, and Extension (IMRADE) in Gondol, Bali, Indonesia since 1999 where she co-worked on several projects with different research groups (local and international). Ms. Syahidah is a member of several national, regional and international organizations including Indonesian Aquaculture Society, Asian Fisheries Society and World Aquaculture Society among others.



**Mr. Partho Pratim Debnath
(Bangladesh)**

*Laboratory Manager
USAID-AIN*

*WorldFish, Dhaka,
Bangladesh*

e-mail: P.Debnath@cgiar.org

Mr. Partho Pratim Debnath is employed as a Laboratory Manager at WorldFish since 2007. He has started his career as a Scientific Officer at WorldFish. He has been involved working on shrimp and fish diseases diagnosis for 10 years. He has expertise on PCR laboratory operations for screening and diagnosis of shrimp, prawn and fish pathogens. He also has capability on other disease diagnostic methods like bacteriology, mycology, parasitology, and histopathology. He has 10 published papers on shrimp, prawn and fish diseases of Bangladesh in various international journals.

REPORT/ IMPRESSIONS OF DAA10

Fish Health Section, founded on January 30, 1989, is one of the most vibrant networks of the Asian Fisheries Society. The Section organises Symposium on 'Diseases in Asian Aquaculture (DAA)', a triennial event that provides a platform for scholarly interaction amongst the researchers, students, policy makers, industry personnel and all those interested in aquatic animal health and its management. It is considered as the biggest scientific event on research, diagnostic and services of aquatic animal health in Asian aquaculture. To celebrate the successful organisation of nine consecutive Symposia on Diseases in Asian Aquaculture, the DAA10 was organised at the Anvaya Beach Resort, Kuta, Bali, Indonesia with the spirit of 'Back to Bali and Surfing Science in Sun' during August 28 to September 1, 2017, in the same country and city where the DAA1 had started. The theme of DAA10 was 'Enhancing Aquatic Animal Health Research and Services through Public-Private Sector Partnerships'. The event was jointly organised by FHS-AFS and Ministry of Marine Affairs and Fisheries, Indonesia and its Directorate General of Aquaculture.



Address by Chairperson, FHS



Technical session in progress



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REPORT OF DAA10

The DAA10 Symposium National Organizing Committee was headed by Mr. Maskur (DGA-MMAF); Scientific Program Committee was headed by Dr Rohana Subasinghe (FutureFish); whereas, Dr. C. V. Mohan was the Chairman of Student Travel Award Committee. In addition, FHS Exe-com with Dr. Phan Thi Van (RIA1) as Chairperson, Dr. Agus Sunarto (CSIRO) as Vice-Chairperson and Dr. Eduardo Leano (NACA) as Secretary/Treasurer played pivotal role in coordinating various activities for successful organisation of DAA10. The sponsors included Platinum sponsor Blue Aqua; Silver sponsor NutriAD; Sponsor of all seasons Hinabiotech, Kinglab, Evergreen, CJ and publication sponsor World Aquaculture Society, Fishes.

A total of 402 participants from 29 countries attended the Symposium in Bali. There were 9 Keynote/ Invited presentations, 72 Oral presentations and 43 Elevator pitch presentations. In addition, there were 107 posters. On sidelines of DAA10, four satellite workshops, NACA's Meeting of the Asia Regional Advisory Group on Aquatic Animal Health; Tilapia Lake Virus meeting by WorldFish; OIE Koi Herpes Virus Twinning Program by National Research Institute of Aquaculture (Japan) and Centre for Freshwater Aquaculture (Indonesia); and a shrimp farmer night by Shrimp Club of Indonesia were also organized. To commemorate the excellent organization of DAA10, a gala dinner along with traditional cultural programme was arranged at Anvaya Beach, Bali on 31st August 2017.



Technical session in progress



Sumptuous lunch



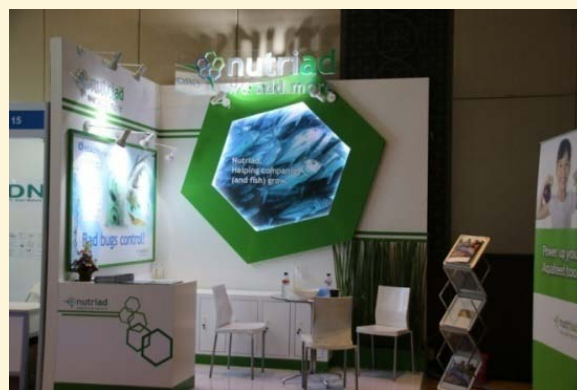
Gala Dinner at Anvaya Beach on 31st August



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Exhibition

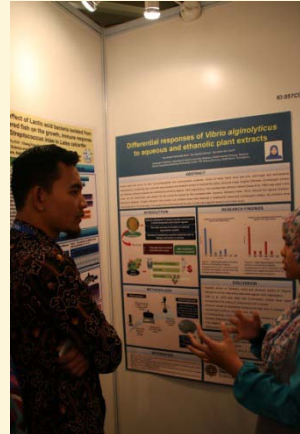
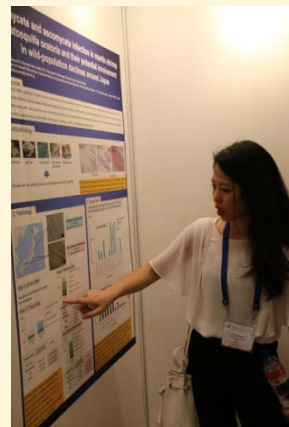
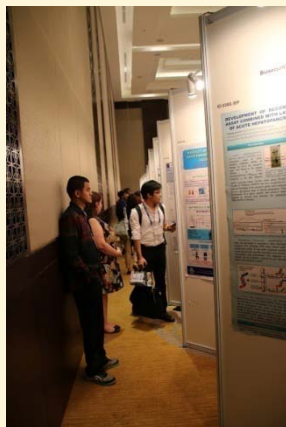




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Poster Session



Student Presentation Awards



Oral Presentation Awards

1. Diva January Aldama-Cano (Mexico/Thailand)
2. Tran Bao Hung (Taiwan)
3. Pattana Jaroenlak (Thailand)

Poster Presentation Awards

1. Shu-Ting He (Taiwan)
2. Pakpoom Boonchuen (Thailand)
3. Yuki Ikari (Japan)



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Eleventh Triennial General Meeting (TGM-11) of the FHS



The TGM-11 was held on 29 August 2017 at Anvaya Beach Resort, Bali, Indonesia. The meeting was attended by 33 FHS members, and was facilitated by the current Chairperson, Dr. Phan Thi Van. The Secretary's Report which summarizes the activities of the section from 2014 to 2017, as well as the Financial Report wherein FHS account is being maintained at NACA, were presented by the current Secretary/Treasurer Dr. Eduardo Leaño. The 2018-2020 Executive Committee were also elected and selected during the meeting. The next host of the DAA (Malaysia) was also announced during the meeting. Lastly, Recognition Awards were given to senior fish health experts who served the FHS or made important contributions to AAH in the region.



Recognition Awards

On the sidelines of DAA10, the Fish Health Section of the Asian Fisheries Society presented Recognition Award to the following senior members for their unselfish support and guidance to the mission of the Fish Health Section;

Celia R. Lavilla-Pitogo (Philippines), Chadag Vishnumurthy Mohan (India/Malaysia), Chu-Fang Lo (Taiwan), Donald V. Lightner (USA), Ikuo Hirono (Japan), Indrani Karunasagar (India), James Richard Arthur (Canada), Kamonporn Tonguthai (Thailand), Kishio Hatai (Japan), Leong Tak Seng (Malaysia), Melba Reantaso (Philippines/Italy), Mohd. Shariff (Malaysia), Rohana Subasinghe (Sri Lanka), Sandra Adams (Scotland), Supranee Chinabut (Thailand), Takashi Aoki (Japan), Timothy W. Flegel (Thailand)

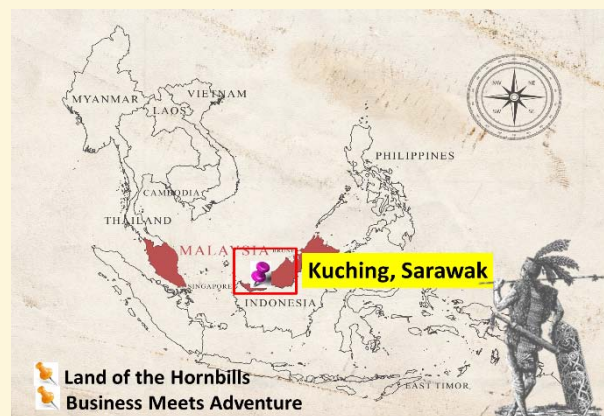


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11th Symposium on Diseases in Asian Aquaculture (DAA 11)

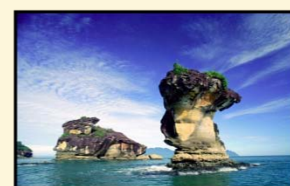
We are proud to be the host of 11th Symposium on Diseases in Asian Aquaculture (DAA11) in 2020 which will be held in Kuching, Sarawak, Malaysia. DAA11 is another platform for sharing knowledge and experience in improving, promoting and expanding aquatic animal health. We like to welcome businesses, academia, researchers and students from across the globe to discuss and share expertise on current research development, trend and future direction of aquatic animal health industry. Hope to see you all there with family and friends.



OUR DESTINATION ATTRACTIONS



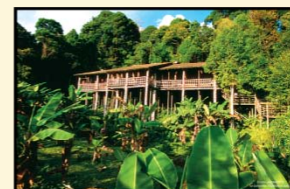
Irrawady Dolphin & Mangrove Tour



Down to the Ground with Nature at Bako National Park



Gunung Gading National Park



Sarawak Cultural Village



Kuching 'Cat' City Tour



Semenggoh Wildlife National Park



Kayaking in the Rainforest



Fairy and Wind Cave

WHY MALAYSIA?

- 1 • Share Common Problem in Aquatic Animal Health (Emerging or Re-Emerging Diseases) in Asia
- 2 • Research Institutional Focusing on Aquaculture
- 3 • Strong Government Support
- 4 • Strong Relevant Industries Support
- 5 • Value for Money
- 6 • Multi-Lingual & Multi Cultural Country



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Special Sessions

Tilapia Lake Virus Side Meeting at DAA10, Bali, Indonesia, organized by WorldFish (as a component of the CGIAR Research Program on Fish)

A side meeting on Tilapia Lake Virus (TiLV) was organized by WorldFish (Dr. Mohan) on 29 August 2017 at 3:00-5:00 PM. The meeting was participated by national, regional and international organizations working on AAH, including NACA Bangkok, DGA Indonesia, Norwegian Veterinary Institute, University of Dhaka, CSIRO Australia, CEFAS UK, FAO, Moredum Research Institute UK, Kasetsart University Thailand, AAHRDD-DOF Thailand, ICAR-NBFGR India, OIE, DOF Malaysia, AVA Singapore and Centex Shrimp Thailand. Dr. Rohana Subasinghe facilitated the meeting/discussion which focused on action plans for the management of and research needs on TiLV in the region.



OIE KHV Twinning Program Workshop, Organized by National Research Institute of Aquaculture (Japan) and Centre for Freshwater Aquaculture (Indonesia)

In conjunction with DAA10, a workshop on “OIE Twinning Laboratory Project: Recent Status and Control of KHV in South-East Asia Countries” was held at Santika Hotel, Bali, Indonesia on 26-27 August 2017. The workshop is part of the OIE twinning program on KHV between Japanese National Research Institute of Aquaculture (OIE reference laboratory for KHV) and Indonesian Centre for Freshwater Aquaculture. The objective of the workshop is to establish a collaborative network among laboratories in the region through sharing up-to-date information and experiences on managing KHV. In addition to laboratories from Japan and Indonesia, those from South Korea, Vietnam, Thailand and Taiwan were also attended the workshop and presented their country reports. The laboratories agreed to work together on various issues of controlling KHV in the region, with special emphasis on testing the susceptibility of non-target species to KHV. Contact person: Dr Kei Yuasa, yuasa@fra.affrc.go.jp

A Shrimp Farmer Night organized by Shrimp Clubs of Indonesia

On the sidelines of DAA10, a shrimp farmer night was organized by Shrimp Clubs of Indonesia. The panelists included Prof Timothy W. Flegel, Centex Shrimp Thailand, Dr Celia R. Lavilla-Pitogo, Philippines and Dr Heny Budi Utari, CPP Indonesia. Prof. Flegel made a presentation about Practical Approaches for Disease Control in Shrimp Aquaculture; Dr Celia made presentations about Pond-Side Shrimp Disease Recognition for Farm Technicians and Dr Heny made presentation about Current Status of White Feces Syndrome in Shrimp Culture in Indonesia and the Efforts of Reducing the Disease Impact. The meeting was moderated by Dr Agus Sunarto, CSIRO Australia.





Fish Health Section

Asian Fisheries Society

Emergency Regional Consultation for Prevention and Management of Tilapia Lake Virus (TiLV) in the Asia-Pacific, 27-28 September 2017, Sun Yat-Sen Kaifeng Hotel, Guangzhou, China

- The Consultation was organized by the Network of Aquaculture Centres in Asia-Pacific (NACA) in collaboration with the National Fisheries Technology Extension Center (NFTEC), Ministry of Agriculture (MOA), People's Republic of China, and Sun Yat-Sen University, People's Republic of China. It was attended by 45 foreign and local participants. The consultation included several lead presentations, country presentations and panel discussions. The lead presentations included, Tilapia aquaculture in the Asia-Pacific Region: Status and Trends (Dr Derun Yuan, NACA); Important diseases of cultured tilapia (Prof Jianguo He, Sun Yat-Sen University); The Role of Trade in Spread of Transboundary Aquatic Animal Diseases (Dr Eduardo Leñaño, NACA); Overview of TiLV (Dr Mona Jansen; Norwegian Veterinary Institute); Update on TiLV research in Thailand and potential strategies for control (Dr Ha Dong; KMUTT, Thailand); Virus characterization, clinical presentation and pathology of TiLV (Dr Win Surachetpong, KU, Thailand); Import Risk Assessment: Role in prevention of transboundary aquatic animal diseases (Dr Hong Liu; AQSIQ, China); Biosecurity: Role in aquatic animal disease prevention and control (Dr Jie Huang; YSFRI, China).



- Country representatives then presented "Tilapia Health Management with Focus on Status of and National Action Plan on TiLV". Countries represented were China (Dr Li Qing), Egypt (Dr Shimaa Elsayed Mohamed Ali), India (Dr Pravata K Pradhan), Indonesia (Ms Ratna Amalia Kurniasih), Malaysia (Dr Azila Binti Abdullah), Myanmar (Dr Kay Lwin Tun), Philippines (Dr Sonia Somga), Thailand (Ms Jaree Polchana) and Vietnam (Dr Pham Hong Quan).
- A panel discussion was held and following issues were discussed: Formulation of regional plan for prevention and control of TiLV; Research gaps and priority; Surveillance and reporting; Listing in OIE and Way forward.



Fish Health Section

Asian Fisheries Society

Global Tilapia Health Workshop, 28-29 November 2017, WorldFish Centre, Penang, Malaysia

The workshop was organized by WorldFish Centre as part of the CGIAR FISH CRP 2017 activity. The workshop seeks to develop a coherent research program on tilapia health through a focus on identifying key research activities, and a network of key research partners and focal country health teams. The FISH provides a framework of key research priorities for the period 2017-2022 and development multi-partner collaborative research partnerships to deliver high quality, solution oriented, research, as well as explore funding avenues.



Key research partners and WF focal country teams came together for the two days workshop in Penang, and discussed the following objectives :

- Increased familiarity with and between partners on the FISH, its research goals and expected development outcomes.
- Identification of key research activities on tilapia for the period 2017-2022
- Elaboration of key partnerships and responsibilities for implementation of the research.
- Drafting of impact pathways for delivery of research outputs at scale in key countries.

The editorial team expresses its sincere thanks to all the members who have contributed to the eNewsletter. The next issue of eNewsletter is being planned in June 2018. All the members are requested to share important news or other information that would be useful for the members of FHS.

eNewsletter Editorial Team