

Aquatic Sciences for Securing Sustainable Food Systems & Resources

Aquatic Science and Innovative Management Division
Prince of Songkla University, Hat Yai, Songkhla, Thailand

18 August 2023

| Friday, 18 August 2023 | |
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| 08:30 – 9.00 | Registration |
| 09:00 – 9:10 | Welcome & Opening Remark Dean, Faculty of Natural Resources, PSU |
| 9:10 – 10:10 | Keynote speakers |
| 9:10 - 9:30 | Dr. Atra Chaimongkol Fisheries Biologist Representative of Department of Fisheries, Thailand <i>"Coastal Aquaculture for Sustainable Food Security"</i> |
| 9:30 – 9:50 | Prof. Dr. Toshiaki Itami Fukuyama University Japan <i>"Shrimp Culture and Diseases-Problem in Japan"</i> |
| 9:50 – 10.10 | Dr. Eknarin Rodcharoen Prince of Songkla University, Thailand <i>"Marine pollutants upsetting primary and secondary producers: A case study in Songkhla lagoon"</i> |
| 10:10 – 10.25 | Coffee break |
| 10.25 – 13:45 | Invited speakers |
| 10:25 – 10:40 | <i>"Thai shrimp culture – Standard and measures for shrimp health and sustainable production"</i> Dr. Jumreonsri Thavornsuwan |
| 10:40 – 10:55 | <i>"Anti-WSSV molecule from herbal source"</i> Asst. Prof. Dr. Raja Sudhakaran |
| 10:55 – 11:10 | <i>"Identification of novel pathogens based on comprehensive genetic analysis in cultured fish"</i> Assoc. Prof. Dr. Tohru Mekata |
| 11:10 – 11:25 | <i>"Streptococcus agalactiae infection in cultured fish in Thailand: Pathology and disease management approaches"</i> Asst. Prof. Dr. Naraid Suanyuk |
| 11:25 – 11:40 | <i>"Interdisciplinary Approach to Smart Farming"</i> Prof. Dr. Thi Thi Zin |
| 11:40 – 11:55 | <i>"Sustainable crab farming practice through knowledge-based technology transfer"</i> Dr. Kittichon U-taynapun |
| 11:55 – 12:10 | <i>"Shrimp farming a ray of hope for destitute farmers of water logged salt affected areas of North Western India"</i> Asst. Prof. Dr. Prabjeet Singh |

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| 12:10 – 13:15 | Lunch |
| 13.15 - 14.15 | <i>Scientific Presentation</i> |
| 13.15 – 13.30 | <p>“Screening and characterization of photosynthetic bacteria (PSB) for hydrogen sulfide removal” Dr. Nion Chirapongsatonkul</p> |
| 13.30 - 13.45 | <p>“Isolation, characterization, and biomass production of <i>Thraustochytrids</i> from mangrove leaves in Songkhla province during the summer season” Wijitra Tungse</p> |
| 13.45 – 14.00 | <p>“Effects of ethanolic vinasse extract on growth, gene expression, and biofilm formation of AHPND-causing <i>Vibrio parahaemolyticus</i> (VpAHPND) strain” Agnesia Frisca Damayanti</p> |
| 14.00 – 14.15 | <p>“Efficacy of Thai herbal recipes to accelerate fin regeneration in Siamese fighting fish (<i>Betta splendens</i>)” Saowaluck Malawa</p> |
| 14.15 – 14:45 | Coffee Break |
| Networking Workshop | |
| 14.45 – 16.00 | Group discussion about open issues/questions |
| 16.00 – 16.30 | Closing ceremony |