

Technical Program

Inauguration Session (Grand ballroom)

Wednesday, 24th August 2016 | 07.45 – 10.10

07.45 – 09.00	Conference Registration
09.00 – 09.10	National Anthem & Oil lamp
09.10 – 09.20	Welcome address by the Conference Convener Mr. Isanka P. Gamage (<i>Managing Director - The International Institute of Knowledge Management (TIKM), Sri Lanka</i>)
09.20 – 09.30	Speech by the Conference Co - Chair (ICFA 2016) Dr. K. Pani Prasad (<i>Central Institute of Fisheries Education, India</i>)
09.30 – 09.40	Speech by the Conference Co - Chair (ICFA 2016) Dr. W.M.T.B. Wanninayake (<i>Senior Marine Biologist</i>) Former Professor of Fisheries and Aquaculture, Wayamba University of Sri Lanka & Former Chairman, Ocean University of Sri Lanka (NIFNE), Sri Lanka)
09.40 – 09.45	Web Launch
09.45 – 09.55	Vote of thanks by the Conference Publication Chair Mr. Oshadee Withanawasam (<i>Chairman - The International Institute of Knowledge Management (TIKM), Sri Lanka</i>)
09.55 – 10.10	Conference Photograph
10.10 – 10.30	Morning Refreshments

Keynote Forum (Grand ballroom)

Wednesday, 24th August 2016 | 10.30 – 12.20

10.30 – 11.25	Aquaculture: Gradual Paradigm Changes Needed to Contribute to “Blue Economy, Sustainability & Food Security Hon. Prof. Sena S De Silva (<i>School of Life & Environmental Sciences, Deakin University, Australia</i>)
11.25 – 12.20	Inventions and Innovations Moving Asian Aquaculture towards the Blue Economy Assoc. Prof. Dr. Amararatne Yakupitiyage (<i>Aquaculture and Aquatic Resources Management, School of Environment, Resources and Development, Asian Institute of Technology, Thailand</i>)
12.20 – 13.30	Networking Lunch

TECHNICAL SESSION 01: FISHERIES & AQUACULTURE RESOURCES MANAGEMENT 1

Chaired by Dr. Manoj R. Nair (Director and Chief Scientist at College of Micronesia Land Grant Program (NIFA, USDA))

Wednesday, 24th August 2016 | 13.30 – 15.10 (Grand ballroom)

13.30 – 13.50	Assessment of Fishery Resources Status in Kuwait Prof. Thamer Al-Dawood (<i>Arabian Gulf University, Bahrain</i>), S. Aldehani & A.Sh. Abdu
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13.50 – 14.10	Community Participation in Monitoring of Culture-Based Fisheries in Reservoirs of Sri Lanka Ms. K. B. C. Pushpalatha (<i>National Aquaculture Development Authority of Sri Lanka (NAQDA), Sri Lanka</i>), W. A. J. R. Fernando & U. S. Amarasinghe
14.10 – 14.30	Genetic Variation and Population Biology of <i>Tenulosa ilisha</i> in the Bay of Bengal and the Persian Gulf Prof. Dr. Kazi Ahsan Habib (<i>Sher-e-Bangla Agricultural University, Bangladesh</i>), Jasmin Sathi, Muntasir Rahman, Mohammad Nazrul Islam & A.H.M. Shafiullah Habib
14.30 – 14.50	Ecosystem Based Management Approach; To Sustain Depleting Seagrass Beds at Mandaitheevu, Jaffna, Sri Lanka Mr. Dayanantha Senathera Digamadulla (<i>University of Jaffna, Sri Lanka</i>), K Sivashanthini & AC Thavaranjit
14.50 – 15.10	Farming of Seaweed <i>Kappaphycus alvarezii</i> in Sri Lanka - A Status Note and Strategy for Farm Expansion Dr. M. Shanmugam (<i>AquAgri Processing Private Limited, India</i>), V. Pahalawattaarachchi & K. Sivaram
15.10– 15.30	Evening Refreshments

TECHNICAL SESSION 02: AQUACULTURE HEALTH MANAGEMENT

Chaired by Prof. Premjith Sekharapillai (Rajiv Gandhi Institute of Development studies, India)

Wednesday, 24th August 2016 | 13.30 – 15.10 (Regency hall)

13.30 – 13.50	Gracillaria Associated Amphipod at Abalones’ Rearing Tank, Lombok Marine Aquaculture Development Center, Lombok, Indonesia Dr. Felicia Zahida (<i>University of Atma Jaya Yogyakarta, Indonesia</i>), Wibowo N. Jati & Hery Setyabudi
13.50 – 14.10	Nutritional, Haematological and Histological Responses of Australian Snapper <i>Pagrus auratus</i> Fed Various Inclusion Levels of Narrow-leafed Lupin Kernel Meal Mr. Pham Duc Hung & Prof. Ravi Fotedar (<i>Curtin University, Australia</i>)
14.10 – 14.30	Characterization of Lily Type Lectin: Molecular Antennas, Involved in Innate Immune Responses of Black Rockfish <i>Sebastes schlegelii</i> Mr. Roopasingam Kugapreethan (<i>Jeju National University, South Korea</i>), Qiang Wan, William Shanthakumar Thulasitha, Jehanathan Nilojan, Jehee Lee
14.30 – 14.50	The First Record of the Parasite, <i>Sacculina spp.</i> in <i>Portunus pelagicus</i> (Blue Swimming Crab) from Mannar, Sri Lanka Ms. Ayantha Abeygunawardana (<i>Uva Wellassa University, Sri Lanka</i>) & S.C. Jayamanne
14.50 – 15.10	Effectiveness of Eugenole (Clove Oil) as an Anesthetic for Fancy Guppy (<i>Poecilia reticulata</i>) in Simulated Packing for Long Distance Transport Mr. Ajantha Rohana Mudalige (<i>National Aquaculture Development Authority of Sri Lanka (NAQDA), Sri Lanka</i>) & Prof. U. Edirisinghe
15.10 – 15.30	Evening Refreshments

POSTER SESSION

Wednesday, 24th August 2016 | 15.30 – 15.50 (Grand ballroom)

15.30 – 15.50	<p>Construction of Molecular/Morphological Phylogenetic Identification Database for the Neon Damselfish, <i>Pomacentrus coelestis</i> Dr. Cheol young choi (<i>Korea Maritime and Ocean University, South Korea</i>) & Ji Yong Choi</p>
	<p>An Edible Food Product from Armored Catfishes (<i>Pterygoplichthys spp.</i>) Mr. K. D. R. Jayasena (<i>Rajarata University, Sri Lanka</i>), R.H.G.R. Wathsala, N.W.I.A. Jayawardana, G.P.S.I.Karunarathna, A.M.K.R. Bandara & B.M.K.S.Tilakaratne</p>
	<p>Capillariosis in Green Terror (<i>Andinoacara rivulatus</i>) in Iran Dr. Ali Hadadi (<i>University of Teahran, Iran</i>), Hooman Rahmati-Holasoo & Hossein Ali Ebrahimzadeh Mousavi</p>
	<p>Pathological Study on Skin Lesions of Referred Fishes to the Aquatic Clinic of the Faculty of Veterinary Medicine Dr. Ali Hadadi (<i>University of Teahran, Iran</i>), F. Sasani, S. Shokrpoo, H. Rahmati-Holasoo & A. Zargar</p>
	<p>Analysis of Total Petroleum Hydrocarbon Contamination in Edible Oysters along Selected Intertidal Regions in Thailand: Coastal Conservation Approach Ms. G. G. N. Thushari, Mr. JDM Senevirathna (<i>Uva Wellassa University, Sri Lanka</i>), S. A. Chavanich & A. Yakupitiyage</p>

TECHNICAL SESSION 03: FISHERIES & AQUACULTURE RESOURCES MANAGEMENT 2

Chaired by Dr. Manoj R. Nair (Director and Chief Scientist at College of Micronesia Land Grant Program (NIFA, USDA))

Wednesday, 24th August 2016 | 15.50 – 17.30 (Grand ballroom)

15.50 – 16.10	<p>Assessment of Spatial Variation of Ichthyofaunal Diversity in Upper Catchment Area of Badullu-oya, Badulla District, Sri Lanka Ms. R.M.G.N. Rajapaksha (<i>Uva Wellassa University, Sri Lanka</i>), Prof. U. Edirisinghe, J.M.C.K. Jayawardana & S.C. Jayamanne</p>
16.10 – 16.30	<p>Vertical Distribution and Diversity of Molluscs in Intertidal Habitats of Pigeon Island National Park, Trincomalee, Sri Lanka Ms. K. P. G. K. P. Guruge (<i>Uva Wellassa University, Sri Lanka</i>) & P.B. Terney Pradeep Kumara</p>
16.30 – 16.50	<p>Estimation of Population Dynamics Indices of Cultured Ornamental Fishes According to the Climatic Changes in Kurunegala District, Sri Lanka Mr. W. P. R. Chandrarathna (<i>National Aquaculture Development Authority, Sri Lanka</i>), B.G.D. Sumuduni, D.H.N. Munasinghe & N.J. De S. Amarasinghe</p>
16.50 – 17.10	<p>Change in Species Composition and Its Implication on Climate Variation in Bali Strait Dr. Aida Sartimbul (<i>Brawijaya University, Indonesia</i>), Erfan Rohadi, Defri Yona, Endang Yuli, Abu Bakar Sambah & Jogi Arleston</p>

17.10 – 17.30	Ichthyofauna and Birds Diversity in Wetland of Punjab in Distt. Tarn Taran (India) vis-a-via Conservation and Management Strategies Dr. Syed Shabih Hassan (<i>University of Chittagong, Bangladesh</i>)
19.00 onwards	Networking Dinner and Cultural Show

TECHNICAL SESSION 04: NUTRITION, PHYSIOLOGY AND BIOCHEMISTRY 1

Chaired by Dr. Dileepa de Croos (Head of Aquaculture and Fisheries, Faculty of Livestock Fisheries and Nutrition, Wayamba University)

Wednesday, 24th August 2016 | 15.50 – 17.10 (Regency hall)

15.50 – 16.10	Physiological Responses of Juvenile Barramundi, <i>Lates calcarifer</i> (Bloch, 1790) When Fed Bioprocessed Plant Based Diets Mr. Van Binh Vo & Prof. Ravi Fotedar (<i>Curtin University, Australia</i>), Bui Phan Dien & Nguyen Quang Huy
16.10 – 16.30	Tank Cleaner Fish Meal (<i>Pterygoplichthys spp.</i>) as a Replacement for Commercial Fish Meal in Broiler Chicken Feed Dr. Saman Athauda (<i>University of Peradeniya, Sri Lanka</i>), G.A.U.R. Ganepola, J.K. Vidanarachchi & S. Premaratne
16.30 – 16.50	Fish Meal Replacement with Rice Protein Concentrate in a Practical Diet for the Pacific White Shrimp, <i>Litopenaeus vannamei</i> Boone, 1931 Dr. Jafar Seyfabadi (<i>Tarbiat Modares University, Iran</i>), Amin Oujifard & Abdolmohammad Abedian Kenari
16.50 – 17.10	Effects of Dietary Guava Leave Extract on Growth, Feed Utilization, Biometric Indices and Intestinal Bacterial Community of Nile Tilapia <i>Oreochromis niloticus</i> Mr. Manoj T. Kamble (<i>Asian Institute of Technology, Thailand</i>), Amaratne Yakupitiyage & Krishna R. Salin
19.00 onwards	Networking Dinner and Cultural Show

TECHNICAL SESSION 05: AQUATIC ENVIRONMENT

Chaired by Prof. Sena De Silva (School of Life & Environmental Sciences, Deakin University, Australia)

Thursday, 25th August 2016 | 08.30 – 10.30 (Grand ballroom)

08.30 – 08.50	Bioaccumulation of Heavy Metals in Aquatic Animals Collected from Poovar Estuary, Kerala, South West Coast of India Prof. Sekharapilla Premjith (<i>Rajiv Gandhi Institute of Development studies, India</i>) & Mary Helen
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08.50 – 09.10	Impact of Water Level Fluctuations on Nesting Performance of Exotic Cichlid <i>Oreochromis niloticus</i> (L.) in Selected Irrigation Reservoirs of Kala Oya River Basin, Sri Lanka Mr. K. V. Sandun Nalaka Bandara (<i>University of Kelaniya, Sri Lanka</i>) & Upali S. Amarasinghe
09.10 – 09.30	Carbon Sequestration through Integrated Microalgae Aquaculture Ms. W. A. Anusha Dimuthu Lanka Wickramasinghe (<i>ICAR-Central Institute of Fisheries Education, India</i>), S. P. Shukla & Dr. K. Pani Prasad
09.30 – 09.50	Potential of Using Human Urine as a Low Cost Medium to Produce <i>Spirulina platensis</i> Biomass to be Utilized as a Protein Supplement in Household Scale Mr. Anjula Sachintha Mahaliyana (<i>Uva Wellassa University, Sri Lanka</i>), T.H. Ranahewa & S.C. Jayamanne
09.50 – 10.10	Male <i>Oreochromis mossambica</i> as Indicator for Water Pollution with Trace Elements in Relation to Condition Factor from Pakistan Dr. Muhammad Naeem (<i>Bahauddin Zakariya University, Pakistan</i>), Muhammad Arshad, Muhammad Naeem Qaisar, Syed Ali Ayub Bukhari & Syed M. Moeen-ud-Din Raheel
10.10 – 10.30	Accumulation of Heavy Metals Copper (Cu) and Lead (Pb) in Water, Sediment and Gills of Milk Fish (<i>Chanos chanos</i> Forskal) in the Aquaculture Area of Ujung Pangkah, Gresik-Indonesia Dr. Defri Yona (<i>Brawijaya University, Indonesia</i>), M. Sigit Firmansyah & M. Arif As`adi
10.30 – 11.00	Morning Refreshments

TECHNICAL SESSION 06: NUTRITION, PHYSIOLOGY AND BIOCHEMISTRY 2

Chaired by Prof. Ravi Fotedar (Curtin University, Australia)

Thursday, 25th August 2016 | 11.00 – 13.10 (Grand ballroom)

11.00 – 11.30	Plenary Speech Dr. Manoj R. Nair (<i>Director and Chief Scientist at College of Micronesia Land Grant Program (NIFA, USDA)</i>)
11.30 – 11.50	Utilization of Predigested Corn cob with Cellulase from <i>Trichoderma viridieas</i> as Feedstuff on Growth Performance, Feed Utilization and Carcass Composition of Nile Tilapia (<i>Oreochromis niloticus</i>) Dr. Rungkan klahan (<i>Phetchaburi rajabhat university, Thailand</i>), P. Yotha, B. Jintasmith, K. Danmek & M. Punyaton
11.50 – 12.10	Effect of Brewer’s Wastes as a Partial Substitute for Dietary Fishmeal on Growth Performance of Guppy (<i>Poecilia reticulata</i>) Ms. Dinushka Roshandi Jayasundara & Dr. Kumudu Radampola Gamage (<i>University of Ruhuna, Sri Lanka</i>)
12.10– 12.30	Effect of Feeding Enriched <i>Artemia</i> Nauplii with Cod Liver Oil and Sunflower Oil on Growth Performance, Survival and Stress Resistance of Guppy Fry (<i>Poecilia reticulata</i>) Ms. Kamburu Gamuwage Menaka Sandamali (<i>University of Ruhuna, Sri Lanka</i>) & Kumudu Radampola

12.30 – 12.50	Production of Microbial Silages from Animal Wastes as Fishmeal Replacer in Aquaculture Diets Ms. Aysha Akhtar (<i>University of Chittagong, Bangladesh</i>), Hossain Zamal, Md. Niamul Naser, Md. Shafiqul Islam, Abu Hena Mustafa Kamal, Md. Simul bhuyan & Abdullah Al Mamun
12.50 – 13.10	Supplementation of Bromelain Extract in Diet on Growth, Feed Utilization and Nitrogen Excretion in Tilapia (<i>Oreochromis niloticus</i>) Dr. Bundit Yuangsoi (<i>Khon Kaen University, Thailand</i>), Rungkan Klahan & Siripavee Charoenwattanasak
13.10 – 14.10	Networking Lunch

TECHNICAL SESSION 07: AQUACULTURE PRODUCT AND SUSTAINABILITY

Chaired by Dr. Amaratne Yakupitiyage (Asian Institute of Technology, Thailand)

Thursday, 25th August 2016 | 14.15 – 16.35 (Grand ballroom)

14.15 – 14.35	Evaluation of Growth Parameters of Freshwater Prawn (<i>Macrobrachium rosenbergii</i>) under Formulated Diets Supplemented with Probiotics Ms. G. Hajarrooba (<i>University of Jaffna, Sri Lanka</i>), N.Y. Hirimuthugoda & K. Radampola
14.35 – 14.55	Evaluation of Breeding Performance of Fighting Fish (<i>Betta splendens</i>) under Different Substrates Mr. Ratnavel Srikrishnan (<i>University of Ruhuna, Sri Lanka</i>), N.Y. Hirimuthugoda & A.D.W.R. Rajapakshe
14.55 – 15.15	Effect of Artificial Substrates on the Cage Cultured Stinging Catfish, <i>Heteropneustes fossilis</i> Prof. Dr. Kazi Ahsan Habib (<i>Sher-e-Bangla Agricultural University, Bangladesh</i>), Md. Arefin Rahman, Md. Mahmudul Hasan, Md. Amzad Hossain, Asif Wares Newaz & Md. Golam Rabbane
15.15 – 15.35	Food and Feeding Habits of Sting Catfish, <i>Heteropneustes fossilis</i> (Bloch) from Manchar Lake District Jamshoro Sindh Pakistan Prof. Naeem Tariq Narejo (<i>University of Sindh, Pakistan</i>), Muhammad Naeem, Shaista Jalbani & Pervaiz Khan
15.35 – 15.55	Prospects of Sustainable Fish Culture Practice for Livelihood Security in Distt. Tarn Taran (Punjab) India Dr. Syed Shabih Hassan (<i>University of Chittagong, Bangladesh</i>)
15.55 – 16.15	Comparison of Crop - Livestock Based Organic Fertilizers on the Growth of Common Carp (<i>Cyprinus carpio</i>) Post Larvae in Outdoor Cement Tanks Mr. Prabath Manjula Withanage (<i>National Aquaculture Development Authority, Sri Lanka</i>), Edirisinghe U. & Madushani S.L.G.
16.15 – 16.35	Utilization of Tuna (<i>Thunnus sp</i>) Offal for Fish Oil Extraction, Quality Evaluation and Effect of Tocopherol on Oxidative Rancidity in Extracted Oil Ms. DGND Gamage (<i>Wayamba University, Sri Lanka</i>), S.S.K.Madage, R.G.S.Wijesekara, & I.Hewajulige
16.55 – 17.30	Evening Refreshments



3rd International Conference on Fisheries and Aquaculture 2016

24th – 25th August 2016, Negombo, Sri Lanka



“Aquaculture as an imperative segment of blue economy and sustainable development goals.”

Thursday, 25th August 2016 | 17.30 – 18.00 (Grand ballroom)

17.30 – 18.00 Conference Concluding and Awarding Ceremony

Friday, 26th August 2016 | Post Conference Tour (Optional)

ICFA 2016 Co – Chairmen

DR. K. PANI PRASAD

(Central Institute of Fisheries Education, India)

DR. W.M.T.B. WANNINAYAKE (PH.D)

(Wayamba University of Sri Lanka, Sri Lanka)

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