

**SEC's 87th Aquaculture Production Training Program
on Farmed Fish Feed Extrusion Technology, Feed Storage and Handling**



**Wednesday, April 16th, 2025
12:45 PM Cairo Time**





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Time	Sessions	Speakers
12:45 PM	Opening Welcome Prof. Dr. Salah M. Aly, Chairman, Lakes & Fish Resources Development & Protection Agency Dr. Ahmed Nasr-Allah, Country Representative Egypt, WorldFish Mousa Wakileh, Center Lead, Soy Excellence Center, Regional Consultant, USSEC	
01:00 PM	Overview of Aquaculture and Fish Feed Production in Egypt	Prof. Salah Mesalhy
01:45 PM	Farmed Fish Feed Extrusion Technology	Prof. Osama Kaddour
02:30 PM	Break	
02:45 PM	The Important of Feed additives in Aquaculture Production (Current & Future)	Dr. Ahmed Hamza
03:30 PM	Current Application and Potential use of Fermented Soy in Fish Feed Formulation	Dr. Mohamed Abou Soud
04:15 PM	Successful Fish Farming Tips, Techniques, and Ideas to Avoid Common Mistakes	Prof. Diao Al-Kenawy
04:30 PM	Open Discussion & Q/A	
07:00 PM	Closing Remarks Prof. Dr. Salah M. Aly, Chairman, Lakes & Fish Resources Development & Protection Agency Dr. Ahmed Nasr-Allah, Country Representative / Egypt, WorldFish Mousa Wakileh, Center Lead, Soy Excellence Center, Regional Consultant, USSEC	

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Wednesday, April 16th, 2025:

01:00 PM – Overview of Aquaculture and Fish Feed Production in Egypt.

Prof. Salah Mesalhy

Chairman, LFRPDA, Cairo, Egypt

Prof Salah Mesalhy Aly, BVMS, MVSc, Ph.D. Professor of Fish Pathology at Suez Canal University & One of 2% Best Scientists in the world for 2020, 2021, 2022, 2023 based on Stirling Univ. Standard, USA.

Chairman, Lakes and Fish Resources Protection and Development Agency Board, Egyptian Cabinet.

Chairman, Egyptian Mariculture Project Board, Ministry of Agriculture.

Chairman, Regional Advisory Council of U S Soya Excellence Center.

A member of Board of Trustee to National New Ismailia University. Ministry of Higher Education.

A member of WorldFish Board of Trustee, CGIAR, Washington/Malaysia. A member of the Livestock and Fisheries Research Council at the Academy of Scientific Research and Technology, Ministry of Higher Education. A member of the General Union of Arab Experts. A member of the General Union for the Protection of Wild and Marine Life in the League of Arab States. A member in Faculty Council in College of Vet. Medicine, Suez Canal University, Ministry of Higher Education. A member in Faculty Council in College of Fisheries, Suez University, Ministry of Higher Education. A member of Egyptian Boards for import and Infectious Diseases, Ministry of Agriculture. A member of National Institute of Fisheries and Oceanography Council, Ministry of Higher Education.

He has published more than 220 Scientific Research Papers in Local and International Scientific Journals.

He also supervised, participated, and discussed more than 250 Master's and Doctoral theses. He published 4 Scientific Books in the field of Pathology. He judged Scientific Research for more than 50 Local and International Scientific Journals. He won 20 international Research Projects.

Formally worked as:

Chairman, General Authority for Fish Resources Development, Ministry of Agriculture.

Head of Pathology Department, Faculty of Veterinary Medicine, Suez Canal University.

Dean of Fish Farming and Technology Institute, Suez Canal University.

Head of the Fish Health Program for Africa and West Asia, World Fish Center.

Head of Fish Diseases Department at World Fish Center (Malaysia/Egypt).

Expert Consultant for WHO, United Nations. Organizations (Geneva).

Expert Consultant, FAO, United Nations Organizations (Rome).

Expert Consultant, OIE, United Nations Organizations (Paris).

Expert for Consultation Group of International Agricultural Resources, Washington, USA.

Coordinator for International Cooperation of the Suez Canal University.

Professor and Head of Medical Laboratories Department, Qassim University, Saudi Arabia.

Teacher Assistant in Department of Biological Science, University of Texas at El Paso, USA.



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Wednesday, April 16th, 2025:

01:45 PM – Farmed Fish Feed Extrusion Technology

Prof. Osama Ahmed Kaddour

Dean of Faculty of Fish Resources- Suez University.

Professor of Extrusion Technologies.

Engineering Sciences Department- (Head)–Faculty of fish resources - Suez University.

Suez University Strategic Planning- Unit Manger.

Visiting Professor- Grain Science& Industry Department- Kansas State University. USA

Dr. Kaddour has more than 35 years experiences, in animal feed processing engineering, He has previously worked in local universities and research Centre he works at Suez University, Zagazig University and Agricultural Research Centre and International universities at the Kansas State University as visiting professor for extrusion and feed manufacture. He follows the applied education system with theoretical education in all courses he teaches. He is one of the experts in the design, construction and development of all kind of animal feed plant and factories, especially Aquatic feed factories.

Dr. Kaddour have more than 35 published articles and research, about animal feed machines and agriculture residues recycling. He worked as international consultant to international organization; Jiangsu Dehui Mechanical And Electrical Equipment Co.,Ltd.- China and alija Agriculture And Feed mill Manufacturing In Saudi Arabia, is an acting member in number of international and regional associations, in addition to his contribution as peer reviewing in international and regional journals





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Wednesday, April 16th, 2025

02:45 PM – The Important of Feed additives in Aquaculture Production (Current & Future).

Dr. Ahmed Hamza

Aquaculture consultant - AQUAVET Egypt

Dr. Ahmed Hamza completed his Veterinary Medicine degree in 1996 in Kafr elsheikh Univ. Egypt. He initially managed his Family Fish farm where he acquired a solid experience in different aquaculture operations, he continued his studies in seafood safety and hygiene and had MSVs degree in the potential food poisoning bacteria in farm and market fish then he awarded the PhD degree in fish quality and hygiene 2012. He started his career as aquaculture advisor in 2005 then he founded his own Consultancy company (AQUAVET for fish nutrition and health solutions) in 2010. His activities cover different aspects of aquaculture and serving different entities including private and governmental fish farms, feed mills and Vet companies working in the aquaculture field. Organized and shared in organizing many scientific events and seminars. Guest speaker in many universities and scientific institutes, delivering lectures and training in different aspects of aquaculture and food safety for Vets, aquaculturists, fish farmers and students. Initiator of aquaculture out of the books training series in association of with Egypt Vet Syndicate transferring practical experience to new generations with special interest to fish nutrition, diseases, seafood safety and water quality. Have many published scientific papers in international and local journals. Member and consultant in many scientific projects including Newton Institutional Links grants: “Behavioral prophylaxis informing improved culture system design and management for enhanced fish health and sustainable intensification of the Egyptian tilapia industry. Whereas The field modification was designed and built by AQUAVET, which also represents some leading international aquaculture companies in Egypt.



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Wednesday, April 16th, 2025

03:30 PM – Current Application and Potential use of Fermented Soy in Fish Feed Formulation.

Dr. Mohamed Abo Elsoud

Feed Processing Quality Expert-Egypt Business Unite Director, Nutrivet

Graduated from the Veterinary Medicine Faculty at Alexandria University in 1996. Dr. Mohamed is currently employed as a Feed Processing Quality Expert-Egypt Business Unit Director-Nutrivet. He has extensive knowledge in several aquaculture disciplines, as well as feed processing research and development. He has been involved in feed processing research and development. He serves as a consultant for numerous aqua feed plants in Egypt. He has spoken and lectured at aquaculture Ghana: Exploring Potential Collaboration Models for Suitable Aquaculture Development in West Africa. He spoke and lectured at several conferences and training sessions. He served on the organizing committee for the Global Sustainable Aquaculture Conference 2024. He collaborated with MSA University on the production and development of the monoglyceride form of lauric acid, which is utilized as a natural alternative to antibiotics and immunostimulants in animal feed.

He published a research on dietary alpha monolaurin for Nile tilapia in Hindawy aquaculture.





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Wednesday, April 16th, 2025:

04:15 PM – Successful Tips, Techniques, Ideas to Avoid Common Mistakes.

Prof. Diaa Al-Kenawy

Head of Research, CLAR, Egypt

Diaa works as Head of Research at the Central Lab for Aquaculture Research, CLAR. He currently has over 30 years of experience in aquaculture. Diaa has studied Agricultural sciences and got a PhD in aquatic toxicology 2006 and has participated in and led many research and development projects as a scientist at WorldFish (1998-2021). He is mostly concerned about environment pollution and water quality and impact on fish resources. Diaa is involved in aquaculture and fisheries training programs to teach participants how to produce more affordable and nutritious food from sustainable fish farming. He led the WorldFish Egypt's research on fish feeds and nutrition through the Global FISH CRP and is enthusiastic of teaching farmers and student's the best farming practices.



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Open Discussion, Q&A



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THANK YOU

