

Aquaculture Development Program

September 4-6, 2022

In partnership with



وزارة البيئة والمياه والزراعة
Ministry of Environment Water & Agriculture



Welcome to the Aquaculture Development Conference

The Aquaculture Development Program Conference will address the potential and challenges of expanding marine aquaculture in the Red Sea Region of the Kingdom of Saudi Arabia, emphasizing improvements in hatchery production, nutrition and species adaptation to the regional environmental conditions.

This conference aims to share knowledge, stimulate debate, encourage new thinking and develop regional Red Sea aquaculture opportunities to establish new networks and partnerships going forward.

FAQ

REGISTRATION

How do I register for ADP 2022?

The conference is restricted to those selected to give a presentation. Selected participants will have received a personalized email invitation with a link to register online. If you have received an acceptance email from KAUST and have not yet received a link to register online, please contact us immediately at ADP.workshop@kaust.edu.sa

I have submitted my registration for the ADP Conference online. Am I fully registered?

Online registration is the first part of the process. We will contact you to collect further identification documentation required to gain access to the KAUST campus.

When is the last day to register?

Due to KAUST security protocols, participants must register by 5pm on August 30, 2022. Following registration, you will be contacted by email to provide an e-copy of your government or residency document.

Can I attend the ADP conference without registering?

No. Due to KAUST security protocols, it is not possible to gain access to the campus without prior registration and confirmation that we have received the appropriate identification information from you. Please register in advance of the deadline to attend the event.

FAQ

TRANSPORTATION

May I take a taxi to KAUST?

Yes, but only taxis booked through KAUST Transportation can drive you inside the campus. Other taxis can only go as far as the Visitor Center near KAUST's outer gate. We will run a shuttle service from the Visitor Center to the conference. Additional information on booking a taxi will be posted soon.

May I bring my personal vehicle to KAUST?

Yes, but please notify us in advance. We will need to collect information on your vehicle, including valid insurance documents and driver's license before your arrival to allow you inside the gate.

What transportation will be available at KAUST?

A shuttle service will run from the Visitor Center to the KAUST Inn and the conference venue. Additional information will be posted soon.

ACCOMMODATION

Where can I stay for the ADP conference?

A block of rooms is available at the KAUST Inn inside KAUST. Please call +966 12 808 5390 / +966 012 802 7000 and ask for a room in the ADP conference block to make a reservation. KAUST Inn will only accept reservations from those that have already registered online.

Do I have to stay at the KAUST Inn?

No. You are free to choose your own accommodation. The closest hotel outside of KAUST is Bay La Sun Hotel at King Abdullah Economic City. It may be reserved by calling +966 12 510 6400.

FAQ

LOGISTICS

Is there Wi-Fi available for conference delegates?

Wi-Fi will be accessible throughout the KAUST campus. You are strongly encouraged to bring a mobile device or iPad/tablet to access the bespoke ADP workshop webpage.

What is the weather like in September?

The month of September is characterized by gradually rising temperatures, with a daily temperature averaging around 29°C and reaching 32°C. Nights are more comfortable with lows at 18°C. Smart casual attire is expected at the conference.

Is there a place to access computing and printing facilities?

The KAUST Library is open 24 hours and offers workstations and quiet spaces for work and study. There is a copy center at KAUST Library, level 0, to assist with all printing material.

What conference materials will be provided to delegates?

When you arrive at KAUST in September 2022, you will receive a delegate pack with the program, a conference badge and a delegate bag.

CONTACT

E-mail: ADP.workshop@kaust.edu.sa

SUNDAY

4 SEPTEMBER

9:30 Welcome reception of attendees and registration

10:00 KAUST welcome address
Dr. Kevin Cullen, KAUST

10:10 MEWA opening remarks
Dr. Ali Al-shaikhi, MEWA

10:20 Vision 2030: Aquaculture Development Program
Dr. Asaad Mohamed, KAUST Beacon Development

10:50 Panel discussion
*Deputy Minister | Salic CEO | SAS chairman
KAUST chairman | Almarai | NEOM*

11:30 Tea and coffee break

11:50 The National Strategy for Sustainable Aquaculture Development
Philippos Papageorgiou, MEWA

12:05 MEWA-FAO Fisheries and Aquaculture Initiatives
Pedro Guemes, FAO

12:25 The NEOM Aquaculture Strategy
Juan Carlos Motamayor, NEOM

12:45 Global Seafood Markets and Trends
Daniel Auwkit, Macalister-Elliott

1:05 GCC Countries and Aquaculture Development:
Challenges and Opportunities
Lionel Dabbadie, FAO

1:20 Lunch and prayer

2:45 Research and Innovation in Aquaculture
Sadasivam Kaushik, INRA

3:05 Advancements of Genetic Selection and Genomics
for Improvement of Tropical Marine Fish Species
Alan Tinch, CAT

3:25 Management and Prevention of Aquaculture
Species Diseases
Victoria Alday, NAQUA

3:45 Financial Support for Aquaculture Development:
International Best Practices
Robert Bell, Consulting/Loyds

4:05 Q&A panel

4:30 Tea and coffee

4:50 Aquaculture Economics and Evaluation of
Aquaculture Operations
Max Goulden, Macalister-Elliott

5:10 Value Chain Around the World
Max Goulden, Macalister-Elliott

5:30 IMTA Technologies
Thierry Chopin, University of New Brunswick

5:50 Discussion time

AQUACULTURE



MONDAY

5 SEPTEMBER

TUESDAY

6 SEPTEMBER

8:45 Morning reception

9:00 Hatchery Production in the Kingdom: Challenges for Production of Juveniles
Elisabeth Sweetman, Ecomarine

9:20 Hatchery Advances in the Red Sea
Attilio Spano, KAUST Beacon Development

9:40 Live Feeds and Microbiology for Healthy Hatchery Productions
Patrick Sorgeloos, Ghent University

10:00 Genetic Improvements of Aquaculture Species: Status and Perspectives
Hervé Chavanne, MAS Seeds SA

10:20 Q&A panel

10:40 Tea and coffee break

11:10 Tropical Species and Technologies: Growth in South America
Jorge Alarco, OpenBlue

11:30 Broodstock Management and Reproductive Technologies of Two Emerging Species in the Mediterranean: the Greater Amberjack & Meagre
Ioannis Fakriadis, HCMR

11:50 Aquaculture Innovation in NEOM
Per Kaels, NEOM

12:10 Q&A panel

12:30 Lunch and prayer

2:00 Aquafeeds Trends and New Perspectives of Fish Meal Substitution
Brett Glencross, IFFO

2:20 Artemia as an Alternative Source for Feed Protein in Integrated Hypersaline Ponds
Patrick Sorgeloos, Ghent University

2:40 Gilthead Seabream Research Outcomes in the Red Sea
Edoardo Pantanella, KAUST Beacon Development

3:00 European Seabass Research Outcomes in the Red Sea
Reda Saleh, KAUST Beacon Development

3:20 Meagre Research Outcomes
Reda Saleh, KAUST Beacon Development

3:30 Tea and coffee

4:00 Seriola Research Outcomes
Paulo de Mello, KAUST Beacon Development

4:10 Barramundi Research Outcomes in the Red Sea
Paulo de Mello, KAUST Beacon Development

4:30 Sobaity Research Outcomes in the Red Sea
Seemab Zehra, KAUST Beacon Development

4:50 Pompano Research Outcomes in the Red Sea, Snapper Preliminary Result
Joseph Laranja, KAUST Beacon Development

5:10 Tilapia Research Outcomes in the Red Sea
Aboobucker Abulkasim, KAUST Beacon Development

5:30 Discussion time

Hatchery and Genetics Presentations

Species

Nutrition, Aquaculture Development Program Species

8:45 Morning reception

9:00 Algae Biotechnology: KSA Vision 2030
Claudio G Grunewald, KAUST Beacon Development

9:15 Sustainable Capture Fisheries: KSA Prospects
Mark Dimech, KAUST Beacon Development

9:30 Fish Physiology and Environmental Disturbances of Aquaculture Fish in the Red Sea
Ricardo Alves, KAUST

9:50 Seaweed Farming in a Sustainable Future
Carlos Duarte, KAUST

10:10 The Oceanographic Context: Potential Impacts and Monitoring Approaches for Red Sea Aquaculture
Burton Jones, KAUST

10:30 Towards a Virtual Red Sea and it's Applications
Ibrahim Hoteit, KAUST

10:50 Modeling Red Sea Fish Farms Operations and Sustainability
Dale Kiefer, SSA AquaModel

11:20 Aquaculture Site Mapping and Carrying Capacity Assessment in Red sea
Giulio Brizzi and Alicia Schmidt-Roach, KAUST Beacon Development

11:50 e-DNA Uses for Tracking Genetic Biodiversity
Larissa Frühe, KAUST

12:10 Discussion time

1:00 Lunch and prayer

Conference concludes

Environment

