

# Curriculum Vitae

## Personal details

Name: Ahmed Hamed Ali Al-Alawi

Date of birth: May 9, 1990

Nationality: Omani

Email: [ahmed.mfrc@gmail.com](mailto:ahmed.mfrc@gmail.com)

Phone: +968 92520300



Language: Arabic (mother tongue), English (fluent), Spanish (intermediate)

Skills: Program Evaluation, Team Management and Leadership, Nursery and Hatchery management, Key Performance Indicators, Environment Policy, Good Laboratory Practice (GLP), Laboratory Equipment and Skills, University Teaching, Executive Support, Data Management, Sampling Skills, Communication Skills, Scientific Analysis, Creative Problem Solving, Presentation Skills

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## Academic achievements

Master's degree in Aquaculture (MS)

University of Barcelona/ department of cell biology, Physiology and immunology / IRTA, Sant Carles, Spain

(Master thesis title: Isolating new microalgae strains for bivalve hatcheries and aquaculture industry)

Graduation: 2020

Bachelor in Marine Science and Fisheries (BSC)

Graduation: 2015

Sultan Qaboos University/Department of Marine Science and Fisheries

[www.squ.edu.om](http://www.squ.edu.om)

Muscat, Oman

Secondary School Certificate, Sultan bin Murshid School, 2008

Sur, Oman

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## Work Experience

From: March 2,2023(current)

Head of Department

Ministry of Agriculture, Fisheries and Water Resources

[www.maf.gov.om](http://www.maf.gov.om)

Directory of Aquaculture Development

Commercial Aquaculture Development Department

- Planning MAFWR aquaculture strategy.
- Developing MAFWR plan to accreditation international hatchery facility.
- Developing MAFWR plan to accreditation international feed manufacture facility.
- Managing and regulating commercial aquaculture activity.
- Monitoring and regulating aquaculture companies operating in Oman
- Leading expert in developing biosecurity systems to prevent the spread of disease.
- Adoption of Omani aquaculture products in the European market.
- Developing strategic plans to improve aquaculture activities.
- Innovate new Ideas with added value to the aquaculture industry.
- Qualifying and permitting national and international fisheries hatcheries and nurseries.
- Developing and implementing the national plan of biosecurity in aquaculture facilities.
- Developing the national pathway for reporting aquaculture species diseases.
- Lecturing at universities and other instates about the aquaculture status in Oman.

From: October 21, 2015 to March 2, 2023

Employee

Ministry of Agriculture, Fisheries and Water Resources

[www.maf.gov.om](http://www.maf.gov.om)

Marine science and fisheries research center

Department of Marine Science and Oceanography

In the Department of Marine Science and Oceanography, we are monitoring the whole coastline of Oman (+ 3000 km) by taking water and biological samples from five different stations along the coastline and physical parameter data by CTD device.

- Leading scientist on Oman's coastal water monitoring program for environmental aspects.

- Leading scientist on Oman's coastal water measurement campaign for Ocean Acidification.
- In charge of operation and maintenance of multi-parameters probs.
- In charge of of environmental Database for Oman's coastal water.
- Phytoplankton taxonomist in charge of identifying and quantifying marine phytoplankton in Oman's coastal water.
- Leader of harmful algae blooms (HABs) quick response team.

#### Other work

- Train undergraduate students and employees for best practices in coastal water
- Raise awareness in society of the importance of the marine environment and the challenges that it faces
- Connecting with regional and international agencies for better practice and sharing expertises.
- Giving lectures about marine environments and HABs to undergraduate students in universities and research institutes

From: July 1, 2013, to August25, 2013

#### Employee

EPA Victoria (Environmental Protection Authority) Victoria, Australia

[www.epa.vic.gov.au](http://www.epa.vic.gov.au)

Marine group member and responsible for the monthly sampling and analysis program in Port Phillip Bay, Western Bay, and the Gippsland lakes.

#### Sampling

- Chlorophylls samples
- CTD data
- Filter and unfiltered nutrient samples and heavy metal samples
- Salinity, dissolved oxygen and salinity

#### Analysis

- Extracting and analyzing CTD data
- Checking data by QAQC checklist before uploading to databases (Quality Control Quality Assessment)

From: June 5, 2010 to July 28, 2010

Employee

Oman Indian Fertilizer Company (OMIFCO), Sur, Oman

www.omifco.com

I spent two months in that company in three different departments.

Four weeks at the shipping department:

- Measuring the stability of the ships in the jetty.
- Loading ships by using two machines (Ship Loader and Reclaimer )

Two weeks at safety department:

- Checking if there are any stacks in the inflow and outflow channels. Also, dealing with any marine vertebrate stack there.
- Measuring the outflow water temperature at the channel and offshore as well.

Two weeks at laboratory:

- Take samples from outflow water and measure the following  
PH, F.cl, temperature, dissolved oxygen, phosphate, nitrate, Urea, and oil
- Taking samples from inflow and measure the following:  
PH, F.cl, temperature, and dissolved oxygen.

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### **Additional skills experience and awards**

Participation in developing the Eleventh Five-Year Plan for the Fisheries Sector.

Participating in developing the strategic plan for the Fisheries Sector.

Participating in developing the strategic plan for the Fisheries Sector.

The team leader in adopting the Best Aquaculture Practice specification at MAFWR.

Team leader of the fisheries department in the National Food Security Lab 2024.

Participating in a joint workshop on the institutional business mind.

Team leader of the fisheries department in the National Food Security Lab 2023.

Participating in the joint workshop on allocated zones for aquaculture (Scientific Advisory Committee on Aquaculture (CAQ) / Regional Commission for Fisheries (RECOFI)).

Participating in international workshops for algae culture innovation.

Participating in the international workshop on applying ocean science and technology for sustainable "BLUE ECONOMY" in developing countries.

Participating in the Third GCC marine biotechnology conference: emerging opportunities and future perspectives.

Oman representative for ROPME (The Regional Organization for the Protection of the Marine Environment).

Oman focal point of the IOC (International Oceanographic Commission)

Conferences and projects.

CAPIM in University of Melbourne.

Urban stormwater treatment project cooperating with Melbourne University.

#### Volunteer work

Sea Turtle Festival (2012).

Masirah Island, Oman

- Present a presentation about the importance of sea turtles for school students.
- Tagging turtles (loggerhead turtle).
- Following tagged turtles by satiates and see the most abundant areas the turtle goes to.

Earth Hour (2012 and 2013).

- Organizer.

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#### Scientific achievements

An outbreak of paralytic shellfish poisoning (PSP) in Southern Oman linked to a bloom of <i>Gymnodinium catenatum</i> (ICHA 19, 2021)	<b>Scientific report</b>
Isolating new microalgae strains for bivalve hatcheries and aquaculture industry	<b>Scientific report</b>
The history of HABs in Omani waters (Valencia University, 2020)	<b>Orl lecture</b>
The history of HABs in Omani waters (University of Barcelona, 2020)	<b>Orl lecture</b>
Isolating new microalgae strains for bivalve hatcheries and aquaculture industry (IRTA, 2020)	<b>Orl lecture</b>
Isolating new microalgae strains for bivalve hatcheries and aquaculture industry (SQU,2022)	<b>Orl lecture</b>

Commercial aquaculture in Oman and worldwide (Oman Across Age Musume,2024)	<b>Orl lecture</b>
The strategic plan for the fisheries sector (Alraya Hall Intercity Hotel,2024)	<b>Orl lecture</b>
The five-year plan for the fisheries sector (Alraya Hall Intercity Hotel,2025)	<b>Orl lecture</b>

### **Referees:**

#### **Dr. Abdulaziz Said Al- Marzouqi**

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