

**Dr. Said M. Al-Barwani**  
Department of Marine Science & Fisheries.  
College of Agricultural & Marine Sciences  
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### **Curriculum Vitae**

Dr. Al-Barwani got his Fisheries Technology diploma from the University of Rhode Island, USA in 1990, and his bachelor degree from the University of Miami, USA in 1996 majoring in Marine Science and Biology. In 2001, he completed his MSc degree in Fisheries Science from Sultan Qaboos University and in 2007; Dr. Al-Barwani completed his PhD in Marine Biology and Ecology from University Putra Malaysia in Malaysia. Dr. Al-Barwani join Sultan Qaboos University (SQU) since 1990, and until now his still serving SQU as a Researcher. Dr. Al-Barwani has published one book entitled: Reproductive Biology of Green Mussel *Perna viridis* (Linnaeus 1758) and published more than ten peer-reviewed papers in the biology and ecology related topics of bivalve and fish.

### **PERSONAL DATA**

Name : Said M. Al-Barwani. Previous last Name Al-Harthi.  
Date of birth : 4<sup>th</sup> of July 1970.  
Place of birth : Al Qabil, Oman.  
Passport No.: MC3717092.  
Civil Status : Married with Ten children.

### **EDUCATIONAL DATA**

<b>2007</b>	PhD in Marine Biology and Ecology at University Putra Malaysia
<b>2001</b>	M.Sc. in Marine Science and Fisheries at the Sultan Qaboos University.
<b>1996</b>	B.Sc. in Marine Science and Biology at University of Miami, Florida, USA
<b>1990</b>	Fisheries Certificate at the University of Rhode Island, USA
<b>1987</b>	General Secondary in Al-Wattayah, Muscat, Oman

## EMPLOUMENT

**1990- Present**  
**Feb 2013 – Jun 2013**  
**July 2013 – Present**

**Sultan Qaboos University**  
**Qatar University (Visiting Assist. Prof.)**  
**Sultan Qaboos University**

## TEACHING EXPERIENCE

As a support staff:

- Introduction to Fisheries Science
- Introduction to Marine Science
- Ichthyology
- Fisheries Biology
- Marine Biology
- Marine Invertebrate Zoology
- Aquaculture

As Visiting Assistant Professor at Qatar University

- Fisheries and Aquaculture

Spring 2022 at SQU

- MASF 3021– Marine Science Practicum

Fall 2019 at SQU

- CAMS 3000 – Seminar and presentation skills

Spring 2018 at SQU

- MASF 3053 – Marine Vertebrate Zoology
- CAMS 3000 – Seminar and presentation skills

Fall 2017 to 2019 at SQU

- CAMS 3000 – Seminar and presentation skills

Fall 2015 at SQU

- MASF 4042 – Fisheries Biology

Fall 2008 to 2009 at SQU

- CAMS 3002 – Computer applications II

## SPECIAL AWARDS AND SCHOLARSHIPS

**1988- 1990** Awarded a Full Scholarship though the Omani-American joint commission to study fisheries technology

**1992- 1996** Awarded a Full scholarship by Sultan Qaboos University to study Marine Science and Biology at University of Miami, Florida, U.S.A

**1997- 2001** awarded a part time scholarship by Sultan Qaboos University to study M.Sc. in Marine Science and Fisheries at Sultan Qaboos University

- 2001** Best Scientific Poster at the International Conference in Fisheries, Aquaculture, and Environment in the NW Indian Ocean. 8<sup>th</sup> -10<sup>th</sup> January 2001. Sultan Qaboos University, Muscat, Oman.
- 2014** Best Oral Presentation Award (Environment) 1<sup>st</sup> Place. 2<sup>nd</sup> International Environment and Health Conference 2014. 27<sup>th</sup> – 28<sup>th</sup> August, 2014. Kota Bahru, Malaysia.

## **SEMINARS, CONFERENCES, WORKSHOPS**

- December, 1988** Participated in Mid-Winter Community Seminar held at San Francisco, California, U.S.A
- December, 1989** Participated in Mid-Winter Community Seminar held at Honolulu, Hawaii
- October, 1999** Regional Workshop on Fisheries Monitoring, Control and Surveillance. FAO/Norway Co-operative Program GCP/INT/648/NOR. 24-28 October, 1999. Muscat, Sultanate of Oman
- January, 2001** International Conference in Fisheries, Aquaculture, and Environment in the NW Indian Ocean. 8<sup>th</sup> -10<sup>th</sup> January 2001. Sultan Qaboos University, Muscat, Sultanate of Oman
- June, 2003** Workshop on Modern Stock Assessment Techniques in Tropical Fisheries. 8<sup>th</sup> – 10<sup>th</sup> June, 2003. Sultan Qaboos University. Muscat, Sultanate of Oman
- August, 2003** Workshop on Electron Microscopy. 18<sup>th</sup> - 22<sup>nd</sup> August, 2003. University Putra Malaysia, Kuala Lumpur, Malaysia
- March, 2004** Workshop on Developing Writing and Publication Skills for Scientific Research. 23<sup>rd</sup> - 25<sup>th</sup> March, 2004. University Putra Malaysia, Kuala Lumpur, Malaysia
- June, 2005** Seminar on Effective Biohazard Containment. 3<sup>rd</sup> June, 2005. University Putra Malaysia, Kuala Lumpur, Malaysia
- August, 2007** World Aquaculture Society Conference on Asian-Pacific Aquaculture. 5<sup>th</sup> - 8<sup>th</sup> August, 2007. Hanoi, Vietnam.
- May, 2008** The Seventh IOC/WESTPAC International Scientific Symposium "Natural hazards and changing marine environment in the Western-Pacific". 21<sup>st</sup>-25<sup>th</sup> May 2008. Kota Kinabalu, Sabah, Malaysia.

<b>November, 2009</b>	Asian Pacific Aquaculture Conference 2009. 3 <sup>rd</sup> – 6 <sup>th</sup> November, 2009. Kuala Lumpur, Malaysia.
<b>March, 2010</b>	Regional Workshop on Remote Sensing and Damage Assessment. 1 <sup>st</sup> – 3 <sup>rd</sup> March, 2010. Muscat, Oman.
<b>June, 2010</b>	Intensive Workshop on: "Writing for Publication. 2 <sup>nd</sup> – 7 <sup>th</sup> June, 2010. Sultan Qaboos University, Muscat, Oman.
<b>July, 2010</b>	Project Management: Planning, Scheduling and Control. 11 <sup>th</sup> – 14 <sup>th</sup> July, 2010. Muscat, Oman.
<b>October, 2010</b>	First International Conference on Managing Ecosystem Health of Tropical Seas (ECOSEAS): Environment Management of Coastal Ecosystem. 19 <sup>th</sup> – 21 <sup>st</sup> October, 2010. Putrajaya, Malaysia.
<b>September, 2011</b>	2 <sup>nd</sup> World Biodiversity Congress. 8-12 <sup>th</sup> September, 2011. Kuching, Sarawak, Malaysia.
<b>May, 2012</b>	Australasian Aquaculture 2012 international conference and trade show. 1 <sup>st</sup> - 4 <sup>th</sup> May, 2012. Melbourne, Victoria, Australia.
<b>July, 2012</b>	Malaysia international Biological Symposium. 11 <sup>th</sup> – 12 <sup>th</sup> July, 2012. Selangor, Malaysia.
<b>December, 2013</b>	Asian-Pacific Aquaculture 2013. 10 <sup>th</sup> - 13 <sup>th</sup> December, 2013. Ho Chi Minh City, Vietnam.
<b>August, 2014</b>	2 <sup>nd</sup> International Environment and Health Conference 2014. 27 <sup>th</sup> – 28 <sup>th</sup> August, 2014. Kota Bahru, Malaysia.
<b>May, 2015</b>	International Conference on biodiversity and Conservation 2015. 26 <sup>th</sup> – 28 <sup>th</sup> May, 2015. Perak, Malaysia.
<b>April, 2016</b>	Asian-Pacific Aquaculture 2016. 26 <sup>th</sup> – 29 <sup>th</sup> April, 2016. Surabaya, Indonesia.

#### **SPECIAL INTERST**

- Coastal Zone Management
- Marine Biodiversity
- Wildlife and Conservation
- Environmental pollution

- Aquaculture

## DIVING EXPERIENCE

NAUI qualified advanced diver, dove in Rhode Island (USA), Puerto Rico (USA), and Oman

## RESEARCH PROJECTS

Ecological Studies for the protection and management of the coastal zone of Oman: Baseline studies for evaluating long-term changes in coral reefs and reef fish communities in Muscat area, funded by the fisheries Research Fund, Ministry of Agriculture and Fisheries.

Shrimp biology and stock assessment in the Gulf of Masirah, funded by the fisheries Research Fund, Ministry of Agriculture and Fisheries.

Bioeconomic model of kingfish fishery in Oman, funded by Agriculture and Fisheries Research Fund, Ministry of Agriculture and Fisheries.

Reproductive Biology of *Laevichlamys ruschenbergeri* (Pectinidae, Bivalvia) in Muscat area. M.Sc. Thesis funded by College of Agriculture research grant, Sultan Qaboos University.

Temporal Variations in Reproduction, Growth, Condition Index and Some Population Parameters of *Perna viridis* (LINNAEUS 1758). PhD thesis. University Putra Malaysia.

Heavy metals contamination of fishes, and shellfish in the coastal waters of Malaysia and the Sultanate of Oman, 2009 - 2011.  
Principal Investigator (PI) Dr. Stephen Goddard Co-PI Dr. Said Al Barwani.

Baseline study on distribution and the reproductive biology of the Brown Mussel *Perna perna* in the Sultanate of Oman, 2010 – 2011.  
PI Dr. Said Al Barwani Co-PI Dr. Sergy Dobretsov.

## EXPEDITIONS

<b>February, 1998</b>	Halaniyat Diving Expedition
<b>January, 2000</b>	Masira Island Expedition

## HOBBIES

Swimming, Diving, Cycling, Squash, Boat cruising, and Fishing.

## PUBLICATION AND REPORTS

### *Refereed journals*

**Al-Barwani, S M**; Amin, S M Nurul; Arshad, A; Govender, A; Al-Habsi, K. Al-Riyami and J. A. Al Khayat. 2018. Age, growth, population dynamics and stock status of *Perna perna* in Omani waters. Journal of Environmental Biology, (Special Issue) Vol. 39: 865-870.

**S.M. Al-Barwani**, A. Arshad, S.M.N. Amin and M. Aminur Rahman. 2016. Comparison of condition index in the green-lipped mussel *Perna viridis* between Sebatu and Pasir Panjang, Peninsular Malaysia. Journal of Environmental Biology, (Special issue) Vol. 37: 705-708.

**S.M. Al-Barwani**, A. Arshad, S.M.N. Amin and J.S. Bujang. 2013. Incidence of Hermaphrodite in Green Mussel *Perna viridis* along the West Coast of Peninsular Malaysia. Asian Journal of Animal and Veterinary Advances, 8: 376-382.

**S.M. Al-Barwani**, D. Aziz, S.M.N. Amin and A. Arshad. 2013. Microsatellite DNA Marker Analysis in Brown Mussels, *Perna perna* (Linnaeus, 1758) from the Coastal Waters of Oman. Asian Journal of Animal and Veterinary Advances, 8: 317-324.

Yap, C.K., **Al-Barwani, S.M.** 2012. A comparative study of condition indices and heavy metals in *Perna viridis* populations at sebatu and muar, Peninsular Malaysia. Sains Malaysiana 41 (9): 1063-1069.

M.Z. Hazmadi, S.M.N. Amin, A. Arshad, M. Aminur Rahman and **S.M. Al-Barwani.**, 2011. Size Frequency and Length-Weight Relationship of Spined Anchovy, *Stolephorus tri* from the Coastal Waters of Besut, Terengganu, Malaysia. Journal of Fisheries and Aquatic Science 6 (7): 857-861.

B.Y. Kamaruzzaman, M.S. Mohd Zahir, B. Akbar John, K.C.A. Jalal, S. Shahbudin, **S.M. Al-Barwani** and J.S. Goddard. 2011. Bioaccumulation of Some Metals by Green Mussel *Perna viridis* (Linnaeus 1758) from Pekan, Pahang, Malaysia. International Journal of Biological Chemistry 5 (1): 54-60.

Mohd Zahir, M.S., Kamaruzzaman, B.Y., Akbar John, B., Jalal, K.C.A., Shahbudin, S., **Al-Barwani, S.M.**, Goddard, J.S. 2011. Bioaccumulation of selected metals in the blood cockle (*Anadara granosa*) from Langkawi Island, Malaysia. Oriental Journal of Chemistry. 27: 979-984.

B.Y. Kamaruzzaman, M.S. Mohd Zahir, B. Akbar John, K.C.A. Jalal, S. Shahbudin, **S.M. Al-Barwani** and J.S. Goddard. 2011. Spatial Concentrations

of Lead and Copper in Bottom Sediments of Langkawi Coastal Area, Malaysia. Research Journal of Environmental Science 5 (2): 179-186.

Kamaruzzaman, B. Y., Siti Waznah, A., Mohd Zahir, M. S., Ong, M. C., Shahbudin, S., Jalal, K. C. A., Rina, S., Shuhada, A. T., Akbar, J., **Al-Barwani, S. M.** and Goddard, J. S. 2010. Distribution of Chromium, Manganese and Cobalt in the bottom sediment of Pahang River-estuary, Pahang, Malaysia. Journal of Applied Science 10(23), 3122 – 3126.

Kamaruzzaman, B. Y., Shuhada, A. T., Shahbudin, S., Jalal, K. C. A., **Al-Barwani, S. M.** and Goddard, J. S. 2010. Spatial distribution of organic carbon contents of Langkawi Island coastal waters, Malaysia. Oriental Journal of Chemistry. 26(3), 851 – 855.

Kamaruzzaman, B. Y., Mohd Zahir, M. S., Akbar, J., Siti Waznah, A., Jalal, K. C. A., Shahbudin, S., **Al-Barwani, S. M.** and Goddard, J. S. 2010. Determination of some heavy metal concentrations in Razor Clam (*Solen brevis*) from Tanjung Lumpur Coastal waters, Pahang, Malaysia. Pakistan Journal of Biological Sciences 13(24), 1208 – 1213.

**S.M. Al-Barwani**, A. Arshad, S.M. Nurul Amin, Japar, S.B., S.S. Siraj and C.K. Yap. 2007. Population dynamics of the green mussel *Perna viridis* from the high spat-fall coastal water of Malacca, Peninsular Malaysia. Fisheries Research, 147-152.

Fouda, M.M., Hermosa, Jr.G., and **Al-Harhi, S.**, 1998. Status of Fish Biodiversity in the Sultanate of Oman. OENALOA (INTERNAT. J. MAR. Biol. Oceanogr).

### **Technical reports**

Fouda, M.M, Stirn, J., Hermosa, G.V., Jr., Cleaereboudt, M. And **Al-Harhi, S.**1997. Baseline studies for evaluating long-term changes in coral reefs and reefs and reef fish communities in Capital area Muscat. Progress report submitted to Fisheries Research fund, Ministry of Agriculture and fisheries.

### **Poster presentation**

**Al-Barwani, S.**, J.S. Goddard, Y. Kamaruzzaman, A.J. Khan, S. Shahbudin, M.S. Mohd Zahir. Heavy metals in Rock Oysters *Saccostrea cucullata* and Brown Mussels *Perna perna* from the Arabian Sea and Sea of Oman. Skretting Australasian Aquaculture. Melbourne, Australia. 1-4 May, 2012.

**S.M. Al-Barwani**, A. Arshad, Japar, S.B., S.S. Siraj and C.K. Yap. Sex Determination and Incidence of Hermaphroditism in the Green Mussel *Perna viridis* from the Coastal Waters of Sebatu, Malacca. Invention, Research and Innovation Exhibition 2006. University Putra Malaysia. 21<sup>st</sup> - 24<sup>th</sup> August, 2006.

**Al-Barwani, S.M.,** A. Arshad, Japar, S.B., S.S. Siraj and C.K. Yap. Condition Index (CI) as a Reproductive Indicator in the Green Mussel *Perna viridis* at Sebatu, Malacca. Invention, Research and Innovation Exhibition 2005. University Putra Malaysia. 9<sup>th</sup> -12<sup>th</sup> March, 2005.

**Al-Barwani, S.,** Arshad, A., Bujang, J.S., Siraj, S.S., Yap, C.K. 2004. Comparison of Condition Index of the Green-Lipped Mussel *Perna viridis* Between Sebatu and Pasir Panjang. Second Biology Colloquium, Department of Biology, UPM. Biology: Unity and Diversity. 22 December, Marriot Putrajaya. Malaysia.

**Al-Barwani, S.** and M.R.G. Claereboudt. Reproductive cycle and stages of oocytes development of *Laevichlamys ruschenbergii* (Tryon, 1869) (Bivalvia: Pectinidae) in Bandar Khayran, Oman. *International Conference on Fisheries, Aquaculture and Environment in the NW Indian Ocean*. Muscat, January 2001, Oman.

**Al-Barwani, S.,** J.S. Goddard, Y. Kamaruzzaman, A.J. Khan, S. Shahbudin, M.S. Mohd Zahir. Heavy metals in Rock Oysters *Saccostrea cucullata* and Brown Mussels *Perna perna* from the Arabian Sea and Sea of Oman. Skretting Australasian Aquaculture. Melbourne, Australia. 1-4 May, 2012.

### **Book**

Al Barwani, S., Arshad, A., and Nurul Amin, S. M. 2011. Reproductive Biology of Green Mussel *Perna viridis* (Linnaeus 1758). LAMBERT Academic Publishing. Köln, Germany.