

CURRICULUM VITAE

HARIB AL-HABSI

Department of Marine Science and Fisheries
College of Agricultural and Marine Science
SULTAN QABOOS UNIVERSITY
P.O Box 34, AL-Khod 123
Sultanate of Oman
Telephone: (968) 24141246
Mobile: (968) 99448847
Facsimile: (968) 24413418
E-mail : harib99@squ.edu.om

EDUCATIONAL ATTAINMENT

June, 1999	B.Sc. Honor Degree in Ocean Science, Bangor University, Bangor, U K
March, 2010	M.Sc. of Remote Sensing and GIS, University Putra Malaysia (UPM), Malaysia.

RESEARCH INTERESTS:

Ocean time series measurements.
Detecting and monitoring areas of high productivities, Algae Harmful blooms (HABs),
and marine pollution.

EMPLOYMENT:

Department Superintendent D 2017-present
Department Technician Superintendent 2011-2017
Department Superintendent 2007-2011
Oceanography Laboratory Senior Technician (A) 1996-2007
Oceanography Laboratory Technician 1990-1996

TRAINING

First Aid Training, 5-6 May 2019. Risk Management Office Sultan Qaboos University Muscat, Oman

Training course on Ocean Color Remote Sensing Data Analysis. 20-26 October, 2013. Ocean University, Qingdao, China.

Training Seminar on Wind Resource Assessment. 27 February 2012 EU-GCC Clean Energy Network and Sultan Qaboos University. Muscat, Oman

Training course in the field of Harmful Algal Blooms: Phytoplankton Cyst Taxonomy. 27Feb-02March 2011. MSFC, Ministry of Agriculture and Fisheries. Muscat, Oman

4th National GIS Conference & Exhibition 28-29, June 2010. Ministry of Natural Resources and Environment, International Convention Center, Putrajaya, Malaysia.

GIS Day: 11, February, 2009. University Putra Malaysia (UPM), and Malaysian Remote Sensing Society (MRSS). Malaysia

ODINCINDIO Oceanographic Data Management Training Workshop. 08-19, May, 2005 IOC Project Office for IODE Oostend, Belgium

Training Course on the Use of GIS and Remote Sensing For Coastal Zone Management. 04-16, 2005. SEAMEO-BIOTROP, Bogor, Indonesia

Techniques used in Chemical and biological oceanography (September, 2004). National Institute of Oceanography, Goa, India

Fire, Safety and Health workshop, 12 January 2004. Sultan Qaboos University, Sultanate of Oman

Specialized course on Nutrient analyses, training using Segmented Flow Analyzer 22-25, July, 2003. National Institute for Coastal and Marine Management. Middelburg, Netherlands

Practical Course on using Segmented Flow Analyzer for Sea Water Nutrients Analyses 16-24 July, 2003. Skalar Headquarter Breda, Netherlands

Practical Course on using Flow Imager for Chlorophyll and Oil in Water Analyses 21 July, 2003. Skalar Headquarter Breda, Netherlands

Workshop on Demystifying the Thesis 7-8, June, 2003. Central for Human Resources & Staff Development, Sultan Qaboos University. Muscat, Oman

Course on Microscopic Maintenance. 18-21, January, 2003. Technical Affairs Department Sultan Qaboos university. Muscat, Oman

Workshop on Pollution of the Marine Environment 3-7 November 2001. Arab School of Science and Technology (ASST) Kuwait City, Kuwait

Management Workshop for Science, Agriculture, and Medicine Superintendents 16-20, June 2001. College of Science, Sultan Qaboos University. Muscat, Oman

International course on Oceanographic Survey and Coastal Pollution 3-13, September 1994. National Institute of Oceanography Karachi, Pakistan
Sponsored by the American Institute of Biological Science, U.S.A

Course of Open Water / Scuba Diving: January – April 1990,
National Association of Underwater Instructors, Puerto Rico, U.S.A.

SCIENTIFIC CRUISES AND EXPEDITIONS

Research Vessel (R/V) Beauemps-Beaupre. SHOM (French Hydrographic and Oceanographic Cruise covering Arabian Sea, Sea of Oman, and Arabian Sea. 3-25 March, 2014

Research Vessel (R/V) AL Quds Regional Organization for the Protection of the Marine Environment (*ROPME*) Oceanographic Cruise (Leg 1), Gulf of Oman and the Arabian Gulf. 3-9 February, 2005

Research vessel ORV Sagar Kanya international cruise jointly undertaken by researchers from USA, India, and Oman focused on biogeochemical cycling in oxygen deficient waters from Oman Sea and Indian Ocean 14-25, September 2004

Research Vessel (R/V) RIKZ Netherlands Coastal Water Sampling for Oceanographic Research National Institute for Coastal and Marine Management, Netherlands 22 July, 2003

Research Vessel (R/V) Al-Jamiah Environmental consultancy for Oman Liquefied Natural Gas (Oman L.N.G.) Sur Gulf of Oman. 12-15, February 2001

Research Vessel (R/V) Thomas G. Thomson Arabian Sea Process Study, Moorings and Seasoar cruise part of the U.S. Joint Global Ocean Flux Study (U.S JGOFS) 7-28, February 1995

Research Vessel (R/V) Thomas G. Thomson Arabian Sea Process Study,
Calibration/Training cruise (From Singapore to Muscat, Oman) part of the U.S. Joint
Global Ocean Flux Study (U.S JGOFS) 18 September – 7 October 1994

Research Vessel (R/V) Mt. Mitchell Leg # 7 Gulf of Oman and Arabian Sea, part of the
100 day cruise in the ROPME Sea Area conducted by National Oceanic Atmospheric
Administration (NOAA) U.S.A Government. 8-15, June 1992

AWARDS

Certificate of gratitude and appreciation for outstanding achievements in the College of
Agricultural and Marine Science. Dean office. SQU university day May 2nd, 2017.
Sultan Qaboos University. Sultanate of Oman.

Distinguished Service Award in Recognition of more than 20 Years of service in the
College of Agricultural and Marine Science. Vice chancellor office, Sultan Qaboos
University, September 25th 2012. Sultanate of Oman

Certificate of gratitude and appreciation in research excellences for receiving an
International award. Vice chancellor office, Sultan Qaboos University,
September 25th 2012. Sultanate of Oman

Silver Medal for the invention / Innovation of Chlorophyll and SST Analyses from
Satellite Remote Sensing. Exhibition design, research and innovation UPM 2010
Cultural and Artistic Sultan Salahudin Abdul Aziz Shah, University Putra Malaysia
(UPM) Serdang. Malaysia

Distinguished Service Award, Dean Office College of Agricultural and Marine Science.
Sultan Qaboos University. Sultanate of Oman.

Outstanding Staff Award Teaching Support In Recognition of Distinguished Performance
and Initiative. Dean Office, College of Agricultural and Marine Science. Sultan Qaboos
University. Sultanate of Oman.

Distinguished Service Award, September, 2000. Dean Office College of Agricultural and
Marine Science Sultan Qaboos University. Sultanate of Oman.

PROJECTS: FIVE YEARS-PRESENT:

Research assistant: Phytoplankton and Water Column Monitoring for Ground Trothing of Satellite Images and Calibration of the Numerical Model to be Used for Algal Bloom Forecasting (25340 RO), Consultancy project.(2015-2016)

Research assistant: Mesoscale eddies of the western Arabian Sea”. Sponsor: Sultan Qaboos University, 2017-2019, Sultanate of Oman (4500 RO) (2017-2019)

Research assistant: Detecting and forecasting Noctiluca blooms in the Sea of Oman: PI: Joaquim Goes Lamont Doherty Earth Observatory at Columbia University, USA. Funded by the Sultan Qaboos Cultural Centre. (16500 RO) (2017-2019)

Research assistant: Comparative Analysis and Predictions of Algal Blooms in the Arabian Gulf and the Sea of Oman”. Sponsor: United Arab Emirates University and Sultan Qaboos University, Sultanate of Oman (15000RO). (2018-2020)

Research assistant: Sustainable approach for the production of biodiesel from indigenous microalgae (20000 RO) 2019-2021

Research assistant: Shelf Slope Dynamics in the Sea Of Oman: How Sub-Mesoscale Processes Control Food and Water Security (20000 RO) 2020-2022

Research assistant: Biological and biophysical Characteristics of Algal Blooms in Omani Coastal Waters (12000 RO) 2020-2022.

RESEARCH PUBLICATIONS

Al-Hashmi, Khalid, YVB Sarma, Sergey Piontkovsky, Paul J Harrison, **Harib Al-Habsi** (2019). Response of Phytoplankton to Changes in Hydrographic Properties in A Subtropical Embayment in the Sea of Oman. International Journal of Ecology and Environmental Sciences. Vol 45, No 1.

Al-Barwani, S M; Amin, S M Nurul; Arshad, A; Govender, A; **Al-Habsi H.** (2018) Age, growth, population dynamics and stock status of *Perna perna* in Omani waters. Journal of Environmental Biology, suppl. Special Issue; Lucknow Vol. 39, Iss. 5,: 865-870

- Adnan R. Al-Azri, K.A. Al-Hashmi, **Harib Al-Habsi**, Nasser Al-Azri & Salim Al Khusaibi (2015). Abundance of harmful algal blooms in the coastal waters of Oman: 2006–2011. *Aquatic Ecosystem Health and Management* 18(3) 269-280
- Al-Azri A.R., S.A.Piontkovski, K.Al-Hashmi, H. Al-Gheilani, **H. Al-Habsi**, S. Al-Khusaibi, and N.Al-Azri. 2012. The Occurrence of Harmful Algal Blooms (HABs) in Omani coastal waters. *Aquatic Ecosystem Health and Management Society*, 15 (S1): 56
- Al-Hashmi K.A., Y.V.B. Sarma, M.Claereboudt, A.R.Al-Azri, S.A.Piontkovski, and **H.Al-Habsi**. 2012. Phytoplankton community in the bay of Bandar Khyran, Sea of Oman with special reference to harmful algae. *International Journal of Marine Science*, 12, 5: 31-42. <http://biopublisher.ca/index.php/ijms/article/view/438>
- Al-Azri, A., Al-Hashmi, K., Goes, J., Gomes, H., Rushdi, A., **Al-Habsi, H**, Al-Khusaibi S, Al-Kindi, R, Al-Azri, N., 2007. Seasonality of the bloom-forming heterotrophic dinoflagellates *Noctiluca scintillans* in the Gulf of Oman in relation to environmental conditions. *International Journal of Oceans and Oceanography* 2 (1), 51–60.
- McLachlan, A., Fisher, M., **Al-Habsi, H, N.**, Al-Shukairi, S, S., & Al-Habsi, A, M.1998. Ecology of Sandy Beaches in Oman. *Journal of Coastal Conservation*, 4:181-190.
- Siddeek, M.S.M., **H.N.Al-Habsi.**, S.M.Al-Jufaily., & I.N.Al-Ghafry. 1994. Spawning cycle, recruitment patterns, and maturity length of Indian oil sardine at Al-Azaiba, in the Gulf of Oman. *The Third Asian Fisheries Forum in Singapore. L.M.Chou, et. al. edited*, pp. 484-487.
- Al-Jufaily, S.M., M.S.M. Siddeek, **H.N. Al-Habsi.**, and I.N. Al-Ghafry. 1993. Reproductive Trends in the Indian Oil Sardine, *Sardenella longiceps Valenciennes* 1847, Stocks at Al-Azaiba, the Gulf of Oman. *Proceedings of Fisheries Research Seminars, Sultan Qaboos University Press, Issue No. 1*: 17-19
- Stirn, J., **H.Al-Habsi.**, R.Hunt, M.Siddeek, & J.Villanueva. 1993. Initial Stages of Upwelling in the Arabian Sea and Concomitant Phytoplankton blooms, and Euphotic layer hypoxia. *Final Report of the Scientific Workshop on Results of the R/V Mt. Mitchell Cruise in the ROPME Sea Area. ROPME Kuwait*, Vol. 2: 175-192

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