



Lasbela University

of Agriculture, Water & Marine Sciences

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Research Area:	Fisheries and Aquaculture		
QUALIFICATION			
DEGREE	PASSING YEAR	MAJORS	UNIVERSITY
Ph.D	2014	Fisheries Sciences	Ocean University of China, Qingdao
Master	2002	Freshwater Biology and Fisheries	University of Sindh, Jamshoro
Bachelors	2011	Freshwater Biology and Fisheries	University of Sindh, Jamshoro
PUBLICATIONS (NATIONAL/INTERNATIONAL)			
1.	Abdul Majeed, ZL, LZ, CL, Muhsan Ali* , 2021. Stock Analysis of Shrimp Scad (<i>Alepes djedaba</i>) Fishery from Northern Arabian Sea, Balochistan Coast, Pakistan. Pakistan Journal of Zoology. <i>Accepted</i>		
2.	Aidah Baloch, Zhang Kui, Muhsan Ali Kalhoro* , Amir Mahmood Memon, et al., 2020. Preliminary investigation on stock analysis of tighertooth croaker (<i>Otolithes ruber</i>) from Balochistan coast, Pakistan. <i>Journal of Animal and Plant Sciences</i> , 30(50), 1309-1318		
3.	Syed Shabi-Ul Hassan Kazmi, Muhsan Ali Kalhoro* , Syed Babar Hussain Shah, et al., 2020. Comparative assessment of haematological profile in hatchery and riverine populations of <i>Channa marulius</i> , <i>Indian Journal of Geo-Marine Sciences</i> , 46(06),1010-1016,		
4.	Muhammad Talib Kalhoro, Mu Yongtong, Muhsan Ali Kalhoro , Memon Aamir Mahmood, et al., 2020. Resource evaluation of the stock, growth and mortality of the		

	Bombay duck (<i>Harpodon nehereus</i>) in the coastal waters of Pakistan. <i>Indian Journal of Marine Sciences</i> , 46(07), 1222-1228
5.	M. Ali, M.Y. Tong, O. Oad, SBH Shah, Muhsan Ali Kalhoro , M. Talib GM Lahbar., 2020. A Comparative analysis of expansion of Pakistan fisheries trade; World and China, <i>Indian Journal of Marine Sciences</i> , 49(10), 1643-1650
6.	Haijun Ye, Jinyu Sheng, Danling Tang, Evgeny Morozov, Muhsan Ali Kalhoro , Sufen Wang, Huabing Xu, 2019. Examining the Impact of Tropical Cyclones on Air-Sea CO ₂ Exchanges in the Bay of Bengal Based on Satellite Data and In-situ Observations. <i>Journal of Geophysical Research: Oceans</i> , 124,1:555-576. https://doi.org/10.1029/2018JC014533
7.	Saima Razaq, Muhsan Ali Kalhoro* , Amir Mahmood Memon, Muhammad Aslam, Muhammad Shafi, Faisal Buzdar, 2019. Fishery stock assessment of <i>Megalaspis cordyla</i> by using non-Equilibrium surplus Production Models in the Arabian Sea coast of Pakistan. <i>The Journal of Animal & Plant Sciences</i> , 29(1):132-140, February, 2019
8.	Irfan Ahmed, Ameena Haroon, Muhammad Naseem Khan, Asadullah, Hinna Shah, Ashraf Nadeem, Faisal Saeed, Syed Rehmat-Ullah Shah, Muhsan Ali Kalhoro and Muhammad Aslam Buzdar, 2019. Occurrence and biodiversity of marine yeast in mangrove ecosystem of Shabi Creek, Gwadar- Pakistan. <i>Pure and Applied Biology</i> , 8 (1): 680-687. http://dx.doi.org/10.19045/bspab.2019.80008
9.	Haijun Ye, Muhsan Ali Kalhoro , EvgenyMorozov, DanLing Tang, SuFen Wang and Philipp R. Thies, 2018. Increased chlorophyll-a concentration in the South China Sea caused by occasional sea surface temperature fronts at peripheries of eddies, <i>International Journal of Remote Sensing</i> , 4360-4375, 2018. https://doi.org/10.1080/01431161.2017.1399479 .
10.	Haijun Ye, Jinyu Sheng, Danling Tang, EkoSiswanto, Muhsan Ali Kalhoro , Yi Sui., 2018. Storm-induced changes in pCO ₂ at the sea surface over the northern South China Sea during Typhoon Wutip. <i>Journal of Geophysical Research: Oceans</i> . DOI 10.1002/2016JC012643
11.	Muhsan Ali Kalhoro , Danling Tang, Ye Hai Jun, Morozov Evgeny, Sufen Wang and Muhammad Aslam Buzdar. 2018. Fishery Appraisal of <i>Portunus</i> spp. (Family Portunidae) using Different Surplus Production Models from Pakistani Waters, Northern Arabian Sea, <i>Pakistan J. Zool.</i> , 50 (1): 135-141
12.	Haijun Ye, Muhsan Ali Kalhoro , Jing Sunand Danling Tang. 2018. Chlorophyll blooms induced by tropical cyclone Vardah in the Bay of Bengal. <i>Indian Journal of Marine Sciences</i> , 47(7):1383-1390
13.	Zainab Afzaal, Muhsan Ali Kalhoro* , Muhammad Aslam Buzdar et al., 2018. Carapace length-weight and carapace length-width relationship of blue swimming crab from Pakistani waters. <i>Indian J. Geo-Marine Sciences</i> . 47(04): 890-896
14.	Muhsan Ali Kalhoro , DanLing Tang, HaiJunYei, Evgeny Morozov, Qun Liu, Khadim Hussain Memon, Muhammad Talib Kalhoro, 2017. Population dynamics of Randall's threadfin bream <i>Nemipterus randalli</i> from Pakistani waters. <i>Indian J. Geo-Marine Sciences</i> , 46(03):551-561

15.	Ashraf Nadeem, Muhsan Ali Kalhoro* , Muhammad Aslam Buzdar, Sonia Tariqet al., 2017. Growth, mortality and exploitation rate of <i>Sardinella longiceps</i> (Valenciennes, 1847) from Pakistani waters based on length frequency distribution data. <i>Indian J. Geo-Marine Sciences</i> 46(08):1693 -1703
16.	Khadim Hussain Memon, Qunliu, Qurat-ul-Ain Shaikh, Muhsan Ali Kalhoro , et al, 2017. Applications of CEDA (catch and efforts data analysis) computer software in estimation of Maximum sustainable yield of Black Pomfret <i>Parastromateus nigher</i> fishery from Pakistani waters. <i>Journal of Geo-Marine Sciences</i> 46(03):578-581.
17.	Muhammad Talib Kalhoro, Mu Yongtong, Muhsan Ali Kalhoro , Memon Aamir Mahmood, et al., 2017. Stock Assessment of Indian Scad, <i>Decapterus russelli</i> in Pakistani Marine Waters and Its Impact on the National Economy. <i>Fisheries and Aquaculture Journal</i> . 8:2. DOI: 10.4172/2150-3508.1000200
18.	Kiran Nazir, Mu Yongtong, Khadim Hussain Memon, Muhsan Ali Kalhoro et al., 2017. The Importance of Molluscan Fisheries to Lift the Marine Economy in Pakistan. <i>Indian Journal of Geo Marine Sciences</i> , 46 (09). 1860-1863
19.	Muhammad Talib Kalhoro, Yongtong Mu, Syed Babar Hussain Shah, Muhammad Noman, Muhsan Ali Kalhoro , et al., 2017, Microfinance for Fisheries and Aquaculture, Lessons for Pakistan from Regional Asian Countries. Lasbela, U. J.Sci.Techl., Vol. VI, pp.212-221, (ISSN 2306-8256, HEC recognized)
20.	Zainab Afzaal, Muhsan Ali Kalhoro* , Muhammad Aslam Buzdar et al., 2016. Stock assessment of blue swimming crab <i>Portunus pelagicus</i> from Pakistani waters, Northern Arabian Sea. <i>Pakistan J Zoology</i> , 48(5): 1531-1541.
21.	Khadim Hussain Memon, Qun Liu, Muhsan Ali Kalhoro , Baradi Waryani, Abdul Nabi. 2016. Estimation of growth and mortality parameters of croaker <i>Atrubucca alcocki</i> from Pakistani water. <i>J. Agriculture, Sci. Tech</i> , 18:669-679
22.	Bao Chao Liao, Liu Qun, Xiaohui Wang, Abdul Basit, Shamsheer Hyder Soomro, Aamir Mahmood Memon, Khadim Hussain Memon, Muhsan Ali Kalhoro . 2016. Application of a continuous time delay-difference model for the population dynamics of winter-spring cohort of neon flying squid (<i>Ommastrephes bartramii</i> , Lesueur 1821) in the North-west Pacific Ocean. <i>Journal of the Marine Biological Association of the UK</i> -96(7):1527-1534, doi: 10.1017/S0025315415001824.
23.	Sadar Aslam, Amina Zuberi, Muhsan Ali Kalhoro , Huda Sarwar, Ahmad Shoaib. 2016. A comparative study on growth performance of Chinese carps by using soybean, glycine max (I) and duckweed, lemna minor (I) meals as protein source. <i>sci.int; (lahore)</i> , 28(1), 299-306. (HEC recognize)
24.	Sadar Aslam, Sumaira Abbas, Muhsan Ali Kalhoro , Ahmad Shoaib. 2016. Anchor Worms (Lernaeid Parasites), <i>Lernaea Polymorpha</i> Yü and <i>Lernaea Cyprinacea</i> L (Copépode: Lernaeidae) on major carps at different fish farms in Punjab, PAKISTAN. <i>Sci.Int. (Lahore)</i> , 28(1), 295-298. (HEC recognize)

25.	Kiran Nazir, Mu Yongtong, Khadim Hussain Memon, Muhsan Ali Kalhoro , Kartika Nurtya Selly, Muhammad Muhsin. 2016. A Study on the Assessment of Fisheries Resources in Pakistan and its Potential to Support Marine Economy. <i>Indian Journal of Geo-Marine Sciences</i> 45(9):1181-1187
26.	Kiran Nazir, Mu Yongtong, Khadim Hussain Memon, Muhsan Ali Kalhoro , Mohammad Mohsin, Shamsheer Hyder Soomro, Kartika Nurtya Selly et al., 2016. Bio indicators (Mussels) are at Danger along Karachi Coast affecting Economy in Pakistan. <i>Indian Journal of Geo-Marine Sciences</i> , 45(2), 230-232.
27.	Muhsan Ali Kalhoro , Liu Qun, Memon Khadim Hussain, Waryani Baradi, Soomro Shamsheer Hyder. 2015. Maximum sustainable yield of Greater lizardfish <i>Saurida tumbil</i> fishery in Pakistan using the CEDA and ASPIC packages. <i>Acta Oceanologica Sinica</i> . 34(2):68-73: DOI:10.1007/s13131-014-0463-0.
28.	Muhsan Ali Kalhoro , Liu, Q., Valinassab, T., Waryani, B., Memon, K. H., Abbasi, A. R; 2015. Population dynamics of Greater lizardfish <i>Saurida tumbil</i> from Pakistani waters. <i>Pakistan J. Zoology</i> . 47:3, 47-55.
29.	Kui Zhang, Qun Liu, Muhsan Ali Kalhoro . 2015. Application of a delay-difference model on the stock assessment of the southern Atlantic albacore (<i>Thunnus alalunga</i>) stock. <i>Journal Ocean University China</i> . 14(3):557-563.
30.	Khadim Hussain Memon, Qun Liu, Muhsan Ali Kalhoro , Abdul Nabi. 2015. Maximum sustainable yield of the Barramundi <i>Lates calcarifer</i> fishery from Northern Arabian Sea. <i>Indian J. Geo-marine Science</i> . 44 (1): 12-18
31.	Khadim Hussain Memon, Qun Liu, Muhsan Ali Kalhoro , Abdul Nabi Mirjat, Mohammad Saleem Chang. 2015. Stock assessment of lesser tiger toothed croaker <i>Otolithes cuvieri</i> from northern Arabian Sea. <i>Indian J. Marine Science</i> . 44(1): 63-68
32.	Shamsheer Hyder Soomro, Qun Liu, Muhsin Ali Kalhoro , Aamir Mahmood Memon, Syed Babar Shah, Muhammad Talib Kalhoro and Yanan Han. 2015. Maximum Sustainable Yield Estimates of Indian Squid <i>Uroteuthis</i> (photololigo) <i>duvaucelii</i> (D'Orbigny, 1835) From Pakistani Waters Using ASPIC and CEDA Software. <i>Lasbela, U. J.Sci. Technl.</i> , IV , 1-9. (HEC Recognize)
33.	Shamsheer Hyder Soomro, Qun Liu, Muhsin Ali Kalhoro , Khadim Hussain Memon, Zhang Kui, Baochao Liao., 2015. Growth and mortality parameters of Indian Squid <i>Uroteuthis</i> (Phtololigo) <i>duvaucelii</i> (D'Orbigny, 1835) from Pakistani waters (Arabian Sea) based on length frequency data. <i>Indian Journal of Geo-Marine Sciences</i> 44(10):1598-1603.
34.	Baochao Liao, Qun Liu, Xiaohui Wang, Kui Zhang, Jianxun Zhang, Khadim Hussain Memon, Muhsan Ali Kalhoro . 2015. Asymptotic behavior of an n-species stochastic Gilpin–Ayala cooperative model. <i>Stochastic Environmental Research and Risk Assessment</i> , DOI: 10.1007/s00477-014-1019-8.

35.	Muhsan Ali Kalhoro , Qun Liu, Baradi Waryani, Sher Khan Panhwar, Khadim Hussain Memon. 2014. Growth and mortality of brushtooth lizardfish <i>Saurida undosquamis</i> from Pakistani waters. <i>Pakistan J. Zoology</i> , 46(1): 139-151
36.	Muhsan Ali Kalhoro , Liu Qun, Memon Khadim Hussain, Chang Mohammad Saleem, Zhang Kui. 2014. Population dynamics of Japanese threadfin bream <i>Nemipterus japonicus</i> from Pakistani waters. <i>Acta Oceanologica Sinica</i> , vol. 33 (10):48-57: DOI: 1.1007/S13131-014-0401-1.
37.	Kiran Nazir, Mu Yutong, Khadim Hussain Memon, Muhsan Ali Kalhoro , Selly Kartika. 2014. A study on Export of fish and fish products and their role in Economic growth of Pakistan. <i>International journal of Marine Sciences</i> . 4(64):1-4.doi: 10.5376/ijms.2014.04.0064
38.	Kiran Nazir, Mu Yutong, Muhsan Ali Kalhoro , Khadim Hussain Memon. 2014. A Preface study on Fisheries Economics of Pakistan: Plan for Action for Fisheries Management in Pakistan, <i>Canadian Journal of Basic and Applied Sciences</i> , 03(01): 7-17.
39.	Muhammad Aslam Buzdar, Muhammad Raza Khan, Abdul Hameed Baloch, Hanif-ur Rehman, Muhsan Ali Kalhoro and Imran Ali. 2014. Effects of Density of Sensitive Yeast Cells and Nutrient on Cell Growth and Killer Toxin Production by the Killer Yeast <i>Kluyveromyces fragilis</i> HN12-1. <i>Lasbela Uni. J. Sci. Tech</i> . 3:75-84. (HEC recognized)
40.	Muhammad Saleem Chang, Ghulam Sarwar Gachal, Ayaz Hussain Qadri, Zohra Kahtoon, Syed Iftikhar Hussain Jafri, Muhsan Ali Kalhoro , Khadim Hussain Memon and Muhammad Yusuf Sheikh. 2014. Physico-chemical assessment and ecological impacts on Marsh Crocodiles in protected areas of Nara Thar Desert Khairpur. <i>Biharean Biologist</i> . 8(1): 24-31
41.	Muhammad Saleem Chang, Ghulam Sarwar Gachal, Ayaz Hussain Qadri, Zohra Kahtoon, Syed Iftikhar Hussain Jafri, Muhsan Ali Kalhoro , Khadim Hussain Memon and Muhammad Yusuf Sheikh. 2014. Physico-chemical assessment and its impacts on marsh crocodiles in Deh Akro II wildlife sanctuary. <i>International J. Biosciences</i> . 4(3): 85-96.
42.	Abdul Hameed Baloch, Muhammad Saeed, Muhsan Ali Kalhoro , Muhammad Aslam Buzdar. 2014. The Curious Case of Mangroves Forest at the Sonmiani bay Area, Lasbela District, Pakistan: A review. <i>Lasbela Uni. J. Sci. Tech</i> . 3:61-74.(HEC recognize)
43.	Muhsan Ali Kalhoro , Qun Liu, Khadim Hussain Memon, Muhammad Saleem Chang, Abdul Nabijat. 2013. Estimation of Maximum Sustainable Yield of Bombay duck <i>Harpadon nehereus</i> fishery in Pakistan using the CEDA and ASPIC packages. <i>Pakistan J. Zoology</i> , 45(6): 1757-1764
44.	Pahnwar, S. K., Liu Qun., Amir, S. A., Muhsan Ali Kalhoro ., 2012. Performance comparison between logistic and generalized surplus-production models applied to <i>Sillago sihama</i> fishery in Pakistan. <i>J. Ocean Uni. China</i> . 11(3): 401- 407.

Supervised Thesis:

1. **Zainab Afzaal.** Stock assessment of Redspot swimming crab, *Portunus sanguinolentus* (Herbst, 1796) from Pakistani waters, Arabian Sea.(**M. S in Marine Biology**) - **DEGREE AWARDED**
2. **Ashraf Nadeem.** Distribution and Abundance of demersal fish species at Sonmiani Bay, Balochistan, Pakistan. Population dynamics of Indian oil sardine *Sardinella longiceps* from Pakistani waters. (**M. S in Marine Biology**). - **DEGREE AWARDED**
3. **Asadullah.** Bacterial biodiversity in Mangrove Ecosystem of Balochistan coast, Pakistan. (**M. S in Marine Biology**) - **DEGREE AWARDED (Co-supervisor)**
4. **Hina Shah.** Yeast biodiversity in mangrove ecosystem at Sonmiani Bay, Balochistan Pakistan. (**M. S in Marine Biology**) - **DEGREE AWARDED (Co-supervisor)**
5. **Abdul Majeed, 2K17-MS-MB-03.** Study of Biological Aspects and Stock Analysis of Shrimp scad (*Alepes djedaba*) from Balochistan Coast, Pakistan. (M. S in Marine Biology) - **DEGREE AWARDED**
6. **Edna Azzad, 2k16-MB.** Study on occurrence and morphotaxonomy of Helimithes parasite of edible fishes from Lasbela Coast, Pakistan. Thesis submitted
7. **Ms. Aidah Baloch, 2K15-MS-FISH-07.** Study of Biological Aspects and Stock Analysis of Tigertooth Croaker (*Otolithes ruber*) from Balochistan Coast, Pakistan.(M. S in Marine Biology) - Registered. Thesis submitted

TEACHING EXPERIENCE

Designation	From	To	Organization
Assistant Professor	09-2014	Till now	Lasbela University of Agriculture, Water & Marine Sciences