

Arezoo Vahabnezhad

Iran, Tehran

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EDUCATION

- o Ph.D. in “Marine Ecology” at Islamic Azad University Science and Research Branch (2011 - 2014)
 - GPA: 17.30 / 20
 - Thesis: “The Use of ECOPATH Software to Model Trophic Interactions within some ecological important fishes of Persian Gulf” 2015
- o M.Sc. in “Marine Animal Biology” at Tarbiat Modares University (2006 - 2008)
 - GPA: 16.50 / 20
 - Thesis: “Population Dynamic and Reproductive Biology of Spangled Emperor (*Lethrinus nebulosus*) in northern coastal waters of Hormozgan province (Persian Gulf and Oman Sea).”
- o B.Sc. in “Marine Biology” at Islamic Azad University (2001 - 2005)

RESEARCH INTERESTS

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| 1) Fish Feeding Ecology | 4) Marine Ecology Modeling |
| 2) Reproduction Biology Fish | 5) Trophic Interactions |
| 3) Fish population dynamic | |

WORK EXPERIENCES

- o Assistant Professor, Fish Biology and Stock Assessment Department, Iranian Fisheries Science Research Institute, Iran (Aug 2015 - Current)

COURSES & WORKSHOPS

- o Thermal Remote Sensing Training: A Comprehensive , Tabriz University, September 2022
- o GIS training courses, Iranian Fisheries Science Research Institute, Aug 2019
- o Simulation approaches of forage fish populations for management strategy evaluations, 2017 Pelagic Symposium, MARCH 9, 2017 VICTORIA, CANADA
- o Ecosystem Modeling for Fisheries Management”, ICES in Copenhagen, Denmark, 26-30 August 2013.
- o Fish Stock Assessment for Iran, Fao, 14 – 25 October, 2013
- o Ecosystem modeling, Iranian Fisheries Science Research Institute, 6-9 Dec 2011

ACCOMPLISHMENTS

- o Research Grant, Food and Agriculture Organization (FAO) ,Apr - Sep 2013.
- o Early career scientists. International Symposium 2017: Drivers of dynamics of small pelagic fish resource

SOFTWARE

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| 1. R programming | 5. SPSS-19 | 10. Histological technique of fish gonadal development |
| 2. ECOPATH and ECOSIM (ecological modeling software) | 6. GraphPad Prism 5 | |
| 3. FISAT II | 7. Primer and Permanova | |
| 4. ArcGIS | 8. Internet browsing skills. | |
| | 9. Fish biometric techniques | |

ORGANIZATIONS

- o Iranian Marine Science and Technology Association, affiliated with the National Research Institute of Oceanography, 2012

LANGUAGES

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| 1. Persian (Native) | 2. English |
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Presentations & Publications

1. SALARPOURI, A; BEHZADI, s; VALINASSAB, s; KAYMARAM, F; Vahabnezhad, A. 2022 Growth and mortality of new exploited stock of the blackmouth croaker, *Atroubucca nibe* (Jordan & Thompson, 1911) from the Oman Sea, Iranian Journal of Ichthyology 9 (1), 43-53
2. Arezoo Vahabnezhad, Seyed Ahmadreza Hashemi, Seyed Aminollah Taghavimotlagh, Gholamreza Daryanabard, 2021. Length based assessment of the spawning potential of Javelin grunter, *Pomadasys kakaan* (Cuvier, 1830) in the Persian Gulf and Oman sea, Iranian Journal of Fisheries Sciences ,20(6) 1560-1572
3. Taghavimotlagh SA, Vahabnezhad, A. Shojaei MG. 2021. A trophic model of the coastal fisheries ecosystem of the northern Persian Gulf using a mass balance Ecopath model. Regional Studies in Marine Science. 2021 Jan 23:101639.
4. Vahabnezhad, A., Taghavimotlagh, S.A. and Shojaei MG .2021. Seasonal variation in diet and feeding habits of *Saurida tumbil* (Bloch, 1795), *Netuma thalassina* (Rüppell, 1837) and *Pomadasys kakaan* (Cuvier, 1830) in the northern coasts of the Oman Sea, Iranian Journal of Fisheries Sciences 20(3):694-709
5. Vahabnezhad, A., Taghavimotlagh, S.A. and Salarpouri, A., 2020. Estimation of growth parameters and mortality rate of *Upeneus sulphureus* (Cuvier, 1829) in the Persian Gulf ecosystem. Survey in Fisheries Sciences, 7(1), pp.69-81.
6. Vahabnezhad, A., Mirzaei and Karimi, 2018. Reproductive Biology of *Pomadasys stridens* (Forsskal, 1775) in the Northern Coasts of the Persian Gulf, Iran. Turkish Journal of Fisheries and Aquatic Sciences. 18:1363-1370
7. Vahabnezhad, A., Taghavimotlagh, Ghodrati Shojaei, 2017. Growth pattern and reproductive biology of *Acanthopagrus latus* from the Persian Gulf. Journal of Survey in Fisheries Sciences. 4(1) 18-28
8. Vahabnezhad, A. Seyyed mohamadreza Fatemi, Farhad Kaymaram, Seyyed Amin Taghavi Motlagh and Tooraj Valinasab., 2015. The reproductive biology and feeding habits of yellowfin seabream, *Acanthopagrus latus* (Houttuyn, 1782), in the Northern Persian Gulf, Iranian Journal of Fisheries Sciences 15(1) 16-30.
9. Seyed Ahmad Reza Hashemi, Seyyed Amin Taghavi Motlagh and Vahabnezhad, A. 2014. Stock Assessment of bartail flathead (*platycephalus indicus* Linnaeus, 1758) in northwest of Persian Gulf, Iran. Journal of Fisheries Sciences, 8(2): 153-160 (2014)
10. Seyed Ahmad Reza Hashemi, Hajat Safikhani and Arezoo Vahabnezhad, 2012. Growth, Mortality Parameters and Exploitation Rate of Silver Pomfret (*Pampusargenteus Euphrasen*, 1788) in Northwest of Persian Gulf (Khuzestan Coastal Waters, Iran), American-Eurasian Journal of Agricultural & Environmental Sciences, 12 (8): 1095-1101, 2012

11. Taghavimotlagh S.A.1; Ghodrati Shojaei M.2; Vahabnezhad A. 2021. Life history traits of ribbonfish *Trichiurus lepturus* (Linnaeus, 1758) in the Persian Gulf and Oman Sea, *Iranian Journal of Fisheries Sciences* 20(2)
12. Gheshlaghi P. Vahabnezhad A. and Taghavi Motlagh S.A, 2012. Estimation of Growth Parameters, Mortality rates, Yield Per Recruit, Biomass, and MSY of *Rutilus frisii kutum*, using length frequency analysis in Southern Caspian Sea, *Iranian Journal of Fisheries Sciences* ,11(1) 48-62
13. Seyed Aminollah Taghavi Motlagh, AVahabnezhad, Jafar Seyfabadi, Mehdi Ghodrati Shojaei and Maryam Hakimelahi, Growth, Mortality and Spawning Season of the Spangled Emperor (*Lethrinus nebulosus*, (Forsskal, 1775)) in Coastal Waters of Hormozgan Province in the Persian Gulf and Sea of Oman, *Iranian Journal Of Fisheries Sciences*, Vol. 9 , No. 1 January 2010
14. Maryam Hakimelah Ehsan Kamran, Seyyed Amin Taghavi Motlag, Mehdi Ghodrati Shojaei, AVahabnezhad, 2010. Growth Parameters and Mortality Rates of *Liza klunzingeri* in the Iranian waters of the Persian Gulf and Oman Sea using Length Frequency Data, *Iranian Journal Of Fisheries Sciences*, Vol. 9 , No. 1 January 2010 .
15. Seyyed Amin Taghavi Motlag, Jafar Seyfabad, Arezoo vahabnezhad, Mehdi Ghodrati Shojae and Maryam Hakimelahi 5, 2010. Some Reproduction Characteristics and Weight-length relationships of the Spangled emperor, *Lethrinus nebulosus* (Lethrinidae) of the south coastal of Iran (Persian Gulf and Oman sea), *Turkish journal of fisheries and aquatic sciences*, 10: 221-227 (2010)
16. Seyyed Amin Taghavi Motlagh, Maryam Hakimelahi, Mehdi Ghodrati Shojaei, Vahabnezhad, A. 2012. Feeding Habits and Stomach content of Silver sillago, *Sillago sihama*, in Persian Gulf, Iran, *Iranian Journal of Fisheries Sciences* 11(4) 892- 901
17. Hakimelahi, Maryam; Taghavi Motlagh, Amin; Kamrani, Ehsan; Ghodrati Shojaei, Mehdi and Vahabnezhad, A., 2011. Female Reproductive Biology of the Klunzinger's Mullet (*Liza klunzingeri*) in the Persian Gulf and the Oman Sea. *Journal of the Persian Gulf (Marine Science)/Vol. 2/No. 6/December 2011/7/21-28*

Conference Abstracts / Presentation

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1. Kaymaram, F, Taghavimotlagh, S.A.1 and Vahabnezhad, A, 2022. A Synoptic Review of the Biological & Population Dynamic Parameter Studies on Longtail tuna (*Thunnus tonggol*) in the Persian Gulf & Oman Sea. Annotated Agenda For The 12 Working Party On Neritic Tunas, *Iotc-2022-Wpnt12-01* (Online)
 2. Vahabnezhad, Kaymaram, Parafkandeh and Daryanabard. 2017. Food web structure and small pelagic fish interactions in the Caspian Sea ecosystem, Iranian waters. *International Symposium 2017: Drivers of dynamics of small pelagic fish resource-oral* (Canada)
 3. A. Vahabnezhad, F. Kaymaram, N. Niamaimandi and Sh. Ghasemi., 2015. A preliminary trophic model of *Scomberomorus commerson* in the Persian Gulf. *IOTC-2015-WPNT05-26*.
 4. F. Kaymaram, N. Niamaimandi, Sh. Ghasemi and A. Vahabnezhad. 2014. A review of the biology, stock status and population dynamic parameters of the Narrow – barred Spanish mackerel (*Scomberomorus commerson*) in the Persian Gulf and Oman Sea. *IOTC. 2014. WPNT04.22 Rev_1*
 5. F. Kaymaram, Sh. Ghasemi, A. Vahabnezhad, and M. Darvishi, 2013. Growth, mortality and exploitation rate of narrow-barrred Spanish mackerel, *Scomberomorus commerson* in the Persian Gulf and Oman Sea, Iran, Hormozgan's waters. *IOTC-2013-WPNT03-29 Rev_1*
 6. Vahabnezhad A and Taghavi Motlagh S.A, 2013. Some aspects of the Reproductive Biology of the Female *Saurida tumbil* in the ROPME Sea Area, *International Conference on Environmental Challenges in the ROPME Sea Area*, 3-6 march 2013(Oral)
 7. Arezoo Vahabnezhad, Seyed Aminollah Taghavi Motlagh. Mehdi Ghodrati Shojaei and Maryam Hakimelahi, 2008. Some aspects of sex inversion in a protogynous hermaphrodite in the spangled emperor (*Lethrinus nebulosus*. (Forsskal, 1775) in coastal waters of Jask Port (Hormozgan Province). *Proceedings of the 15th National & Third International Conference of Biology, University of Tehran*, 19-21 Aug 2008.
 8. Maryam Hakimelahi, Seyed Aminollah Taghavi Motlagh, A Vahabnezhad, 2008. Histology of ovarian development of *Klunzinger's mullet* in coastal waters of Jask Port (Hormozgan Province). *Proceedings of the 15th National & Third International Conference of Biology, University of Tehran*, 19-21 Aug 2008.
 9. Seyyed Amin Taghavi Motlagh, Jafar Seyfabadi, A Vahabnezhad, Mehdi Ghodrati Shojaei and Maryam Hakimelahi, 2009. Aspects of reproduction of the spangled emperor, *Lethrinus nebulosus* (lethrinidae) in the south coastal of Iran (Persian Gulf and Oman Sea), *International Conference on the Marine Ecosystems 2009 (INCOMES 2009)* , 26th to 28th May 2009, Awana Porto Malai, Langkawi, Malaysia
 10. Maryam Hakim Elahi, Seyyed Amin Taghavi Motlagh, Mehdi Ghodrati Shojaei, Arezoo Vahabnezhad. 2012. Histology of ovarian development and feeding biology of *Sillago sihama* in the Coastal waters of Persian Gulf, Iran. *INOC-CNRS, International Conference on "Land-Sea Interactions in the Coastal Zone" Jounieh - LEBANON, 06-08 November – 2012* (poster)

Published Book

Farhad Kaymaram and Arezoo Vahabnezhad (2014) Compilation of a Book about Fish Population Dynamics. Students to prepare for M.Sc. entrance exam (Translation In Persian)