

PERSONAL INFORMATION



M Reza Mirzaei

- Place of Birth: Iran - Birjand
- +98 915 53 54 550
- mirzaei.mr@gmail.com
- Date of birth April 6th, 1978
- Chabahar, Offshore fisheries Research Center

EDUCATION BACKGROUND

PhD, Marine Biology
2010-2015

University Science Malaysia (USM)
Effects of Environmental Parameters and Reproductive Cycle on The Shell Microgrowth Bands of Cockle, *Anadara granosa*

MSc, Marine Fish Biology
2004-2007

North Tehran Branch Marine Science and Technology Faculty, Iran
Reproductive cycle and spawning patterns of Lizardfish, *Saurida tumbil* (Bloch, 1795) in southern water of Iran (Hormozgan Province).

BS, Marine Biology
1997-2001

University of Guilan, Iran

JOB EXPERIENCE

2016 - Present

Iranian Fisheries Science Research Institute
Offshore Fisheries Research Centre – Chabahar - Iran

- Marine Biology & Stock Assessment Div.
- Research Deputy
- Public Relations and International Affairs Div.

2008 - 2009

Technical & Vocational Training Organization

Head of research department

- Propose research project, Hold seminar and educational workshop
- Analysis of the information gathered by collection units

2001-2004

Birjand Fisheries Organization- Iran
Aquaculture Specialist

- Farming and husbandry of aquatic organisms, including evaluation of feeding and fertilizing practices and nutrient dynamics in production ponds

Curriculum vitae

ACADEMIC /TEACHING EXPERIENCE

Oct 2013-Jun 2014	Graduate Assistant, Oceanography , University Science Malaysia.
Jul 2012-Jun 2013	Graduate Assistant, Zoology , University Science Malaysia.
Jul 2012-Jun 2013	Graduate Assistant, Basic zoology , University Science Malaysia.
Fall 2008	Instructor, Data Laboratory - Basic Biology - University Science Malaysia
Spring 2009	Instructor, Data Laboratory - Ecology - University Science Malaysia
Summer 2009	Instructor, Data Laboratory - Zoology - University Science Malaysia
Sep 2008- May 2009	Lecturer- Aquaculture (<i>Oncorhynchus mykiss</i>)- Inland Aquaculture Institute

SUPERVISOR/COSUPERVISOR

Effects of ecological parameters on the Habitat Selectivity of Big-eye hound shark, <i>Iago omanensis</i> in northern parts of Oman Sea, Master student- <i>Gorgan University of Agricultural Sciences and Natural Resources</i>
Effects of different thawing methods on the quality index of Tiger tooth croaker (<i>Otolithes ruber</i>), Master student , <i>Chabahar Maritime and Marine University</i>

PERSONAL SKILLS

Diving	Issued by: PADI Open Water Diver, Australia
Review Scientific Paper	Issued by: Elsevier
Scientific Presentation	Issued by: CSIRO Marine & Atmospheric Research
Writing Scientific paper	Issued by: CSIRO Marine & Atmospheric Research
SPSS	Issued by: Technical & Vocational Training Organization
Aquaculture	Issued by: Technical & Vocational Training Organization - Iran
ICDL	Issued by: Technical & Vocational Training Organization
Arc GIS	Issued by: Technical & Vocational Training Organization

Mother tongue(s) Persian (Farsi)

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C1	C2	C2	C1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

PROJECT

Project executive

2016- 2018

Demersal Trawl Survey- Biomass and CPUE estimation and distribution pattern of marine species in the North Coast of Oman sea

2017

Investigation the status of *Trichiurus lepturus* stock and providing a precautionary management approach for long-term optimal harvesting of these species in the Persian Gulf and Oman Sea

Project Assistant

Estimation of optimized catch limit of sea cucumber (*Holothuria leucospilota*) in the northern waters of the Oman Sea (Sistan and Baluchestan province - First phase (eastern coast of the province))

Quantitative evaluation of feeding interaction between some economically important species and determination of fishing effects on their ecological relation in Oman Sea (Baluchistan Province waters)

The effects of climate change on the biomass and composition of marine fish catch in the Persian Gulf, Oman Sea and Caspian Sea – With the emphasis on SST and chlorophyll (2006-2017).

Investigation on stock status of Indian shrimp (*Penaeus indicus*) stocks in coastal waters of Sistan and Baluchistan province

Monitoring of spiny lobster stock (*Panulirus homarus*) in Oman Sea (Sistan and Baluchistan province)

Population dynamics of important tuna species (*Thunnus albacares*, *Katsuwonus pelamis* and *Thunnus toggol*) and determination of spatial and temporal distribution from the artisanal fisheries data in Oman Sea

LIST OF PUBLICATIONS

Mirzaei, M.R., Hwai, A.T.S. 2016. Assessing cockle shells (*Anadara granosa*) for reconstruction subdaily environmental parameters: Implication for paleoclimate studies, *Historical Biology*, 28 (7), 896-906. DOI:10.1080/08912963.2015.1052806

Mirzaei MR, Yasin Z, Shau Hwai AT. 2015. Length-weight relationship, growth and mortality of *Anadara granosa* in Penang Island, Malaysia: an approach using length-frequency data sets. *Journal of the Marine Biological Association of the United Kingdom* 95(2),381-390.

Mirzaei MR, Yasin Z, Hwai ATS. 2014. Periodicity and shell microgrowth pattern formation in intertidal and subtidal areas using shell cross sections of the blood cockle, *Anadara granosa*. *The Egyptian Journal of Aquatic Research* 40, 459–468

Mirzaei, M.R., Valinasab, T, Munawar Khalil, Mirzaei. S. 2015. Reproductive cycle and spawning patterns of Lizardfish, *Saurida tumbil* (Bloch, 1795) in southern water of Iran, *International Journal of Biosciences*, 6(6), 110-118

Mirzaei, M.R., Hatami, P, Esmailzadeh Roodsari, E. 2019, Assessment of maturity, spawning, and ovarian cycle of sand whiting (*Sillago sihama*) from the north coast of Gulf of Oman *Research in Marine Sciences*, 4(2):505-517.

Curriculum vitae

- Mirzaei, M.R.**, Azini, M.R, Aminrad, T. 2016, Seasonal variation of heavy metal in seawater, sediment and hooded oyster, *Costreacucullata*, in Iranian southern waters (Chabahar coast). *Research in Marine Sciences*, 1(1): 3-12
- Mirzaei, M.R.**, Azhang, B., Kazemi, S., 2017, Evaluation of demersal trawl survey data for assessing the Biomass and catch per unit area (CPUA) of Platycephalidae, *Research in Marine Sciences*, 2(1): 59-64
- Mirzaei, M.R.**, Seraji, F., Erfani, E., Teymour Aminrad, T., Azhang, B., Aminikhoie, Z. 2017, Assessing phytoplankton community structure in relation to hydrographic parameters and seasonal variation. *Biodeversitas*, 18(2): 507-513
- Mirzaei MR**, Shau Hwai AT, Munawar K., 2017, Temporal variation in shell growth rate of cockle, *Anadara granosa*, in relation with its reproductive cycle – *Journal of shellfish research*, 31(1): 69-78
- Vahabnezhad, A., **Mirzaei, MR**, Karimi, S, 2017, Reproductive Biology of *Pomadourys stridens* (Forsskal, 1775) in the Northern Coasts of the Persian Gulf, Iran, *Turkish Journal of Fisheries and Aquatic Sciences*, DOI: 10.4194/1303-2712-v18_12_04
- Mirzaei, M.R.**, Vahabneshad, A., Owfi, F, 2019, The first report of *Asterodiscides fourmanoiri* (Echinodermata: Asteroidea) from the North Coast of Gulf of Oman, Iran. *Iranian Journal of Fisheries Sciences*, 18(3), 583-587.
- Mirzaei, M. R.**, Hatami, P. & Hosseini, S. A. 2019. Interpreting biomass and catch per unit area (CPUA) to assess the status of demersal fishes in Oman Sea. *International Journal of Aquatic Biology*, 7, 93-94.
- Rastgoo, A. R., Etemadi-Deylami, E., & **Mirzaei, M. R.** 2019. Feeding habits of Bigeye Houndshark, *Iago omanensis* (Elasmobranchii; Triakidae); a typical deep water shark from the Gulf of Oman. *International Journal of Aquatic Biology*, 7(6), 374-382.

PRESENTATIONS & CONFERENCES

- M Reza Mirzaei**, Teh Chiew Peng, Aileen Tan Shau Hwai, (2014), Environmental and physiological effects on shell growth pattern of Blood cockles from Balik Pulau, Pulau Pinang, Malaysia, the 9th regional IMT-GT Uninet conference, Penang Island, Malaysia 3-5 November 2014
- Munawar Khalil, **M Reza Mirzaei**, Muhammad Shukri, Zulfigar Yasin, Aileen Tan Shau Hwai (2011), The Effect of Environmental Parameter on Reproductive Biology of Marine Bivalve *Anadara granosa* in The Northern Strait of Malacca, Proceeding on IOC/WESTPAC, 8TH International Scientific Symposium, Busan, South Korea, 28-30 March 2011
- Aileen Tan Shau Hwai, , **M Reza Mirzaei**, Teh Chiew Peng, Nithiyaa Nilamani, Norhanis Razalli, Zulfikar, Nadras Othman and Zulfigar Yasin (2015), The Shell Characteristics of Bivalves at the Lowered pH Area Compared to a Normal Area, Research and Monitoring of the Ecological Impacts of Ocean Acidification on Coral Reef Ecosystems” Phuket, Thailand, 19 - 21 January 2015
- M Reza Mirzaei**, Seyed Abbas Hoseini (2017), Clam as a bio-indicator of environmental condition: the case of Chabahar bay. The 1st International Conference in Marine and Atmospheric Sciences: Enviroments, and Renewable Energy-Tehran- IRAN, 25 October 2017
- Seyed Abbas Hosseini - **M Reza Mirzaei** - Siamak Behzady (2017), Gillnet selectivity of longtail tuna based on morphometric data in Iranina coastal waters in Persian Gulf and Oman Sea. The 1st International Conference in Marine and Atmospheric Sciences: Enviroments, and Renewable Energy-Tehran- IRAN, 25 October 2017

MReza Mirzaei, Seyed Abbas Hosseini, Bizhan Azhang (2017), Elemental composition and morphological characteristics of otoliths in Black pomfret (*Parastromateus niger*), The Fifth Iranian Conference of Ichthyology, Islamic Azad University of Babol, 13-14 December 2017

Bizhan Azhang, Seyed Abbas Hosseini, **MReza Mirzaei** (2017), Evaluation of demersal trawl survey data for assessing the Biomass and Catch Per Unit Area (CPUA) of demersal fishes in Oman Sea, The Fifth Iranian Conference of Ichthyology, Islamic Azad University of Babol, 13-14 December 2017

Seyed Abbas Hosseini, **M Reza Mirzaei**, Bizhan Azhang, Shiravan Enayati (2017), Spawning pattern of skipjack tuna (*Katsuwonus pelamis*) in Oman Sea, The Fifth Iranian Conference of Ichthyology, Islamic Azad University of Babol, 13-14 December 2017

PUBLICATIONS (IRANIAN JOURNALS)

- محمدرضا میرزایی**، بیژن آژنگ، سارا کاظمی، ۱۳۹۷، ارزیابی رابطه طول و وزن، نسبت جنسی و شاخص وضعیت ماهی یال اسبی سر بزرگ *Trichiurus Lepturus* در دریای عمان - فصلنامه محیط زیست جانوری، دوره ۱۲، شماره ۱، صفحات ۱۴۸-۱۴۳
- یاسین میربلوچزی، سید علی اکبر هدایتی، **محمدرضا میرزایی**، علی رضا راستگو، ۱۳۹۷، فاکتورهای محیطی موثر بر انتخاب زیستگاه در سه گونه غضروف ماهیان در آب های ایرانی دریای عمان- فصلنامه محیط زیست جانوری، دوره ۱۲، شماره ۱، صفحات ۱۷۲-۱۶۵
- الهام اسماعیل زاده رودسری؛ پدرام حاتمی؛ **محمدرضا میرزایی**، ۱۳۹۶ مطالعه پارامترهای ریخت شناسی و غلظت عناصر اتولیت در ماهی حلوا سیاه (*Parastromateus niger*) در آبهای دریای عمان- مجله بهره برداری و پرورش آبزیان، دوره ۷، شماره ۴، صفحات ۷۰-۶۳
- بیژن آژنگ، **محمدرضا میرزایی**، طاهره باقری، ۱۳۹۷، بررسی توده زنده، صید در واحد سطح و پراکنش ماهی یال اسبی سر بزرگ *Trichiurus Lepturus* در سواحل شمالی دریای عمان- مجله بهره برداری و پرورش آبزیان، دوره ۸، شماره ۳، صفحات ۶۰-۵۱
- سید عباس حسینی، **محمدرضا میرزایی**، بیژن آژنگ، شیروان عنایتی، ۱۳۹۶، الگوی تخم ریزی ماهی هوورمسقطی (*pelamis Katsuwonus*) در دریای عمان- شیل، دوره ۵، شماره ۳، صفحات ۱۱۸-۱۱۱
- سید احمد رضا هاشمی، **محمد رضا میرزایی**، ۱۳۹۸، پیش بینی روند تغییرات صید ماهی یال اسبی سر بزرگ (*Trichiurus lepturus* Linnaeus, 1758) در آب های جنوب کشور (خلیج فارس و دریای عمان)، مجله بوم شناسی آبزیان، دوره ۹، شماره ۲، صفحات ۱۴۹-۱۴۰