



Ahmad Savari

Marine Biology Department, Marine Sciences Faculty
Khormashahr Marine Science and Technology University
Savari32@yahoo.com
+98 61 535 333 22 (work) | +98 09161184857 (Cell)

1-Personal Details

Gender: Male
Date of Birth: September 1st, 1953
Nationality: Iranian
Marital Status: Married
Rank: Professor

2-Academic Qualifications

- 2-1) Biology Dept. University of Shahid Chamran Iran, BSc, 1977
- 2-2) Oceanography Dept. University of Southampton, England, MSc, 1980
- 2-3) Oceanography Dept. University of Southampton, England, PhD, 1988
- 2-4) Bedford Institute of Oceanography, Dartmouth, Nova Scotia, Canada, Sabbatical, 1998
- 2-5) Training Courses in Satellite and Modeling, Bangalore, India, 1999
- 2-5) Collaboration and exchange student with Canadian Universities, 2001 till now.

3. Patents and Publications

3-1. Publications in English Only

- Aghajanzpour F, Savari A, Danehkar A, Chegini V. 2015. Combining biological and geomorphological data to introduce biotopes of Bushehr Province, the Persian Gulf. *Environ Monit Assess.*187(12):740.
- Sadeghi P, Kazerouni F, Savari A, Movahedinia A, Safahieh A, Ajdari D. 2015. Application of biomarkers in Epaulet grouper (*Epinephelus stoliczkae*) to assess chromium pollution in the Chabahar Bay and Gulf of Oman. *Sci Total Environ.* 15;518-519:554-61.
- Savari, S, Safahieh, AR, Archangi, B, Savari, A and Abdi, R. 2015. Brain anatomy and Histology of Orange Spotted Grouper (*Epinephelus coioides*). *Journal of Persian Gulf.* 14:1-13.
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- Sharareh Savari, Alireza Safahieh, Bita Archangi, Ahmad Savari, Rahim Abdi. 2016. Evaluation of Acetylcholinesterase as a gene expression biomarker of methylmercury in *E.coioides* brain. *Iranian Journal of Fisheries Sciences.* Accepted.
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Leila Hassaninezhad, AliReza Safahieh, Negin Salamat, Ahmad Savari, Naeem Erfani Majd. 2014. Assessment of gill pathological responses in the tropical fish yellowfin seabream of Persian Gulf under mercury exposure. 2014. *Toxicology Reports*, 1,621-628.

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Abdolapur Monikh F, Maryamabadi A, Savari A, Ghanemi K. 2013. Heavy metals' concentration in sediment, shrimp and two fish species from the northwest Persian Gulf. *Toxicology and Industrial health*.

Abdolapur Monikh F, Safahieh A, Savari A, Ronagh MT, Doraghi A. 2013. The Relationship Between Heavy Metal (Cd, Co, Cu, Ni and Pb) Levels and the Size of Benthic, Benthopelagic and Pelagic Fish Species, Persian Gulf. *Bulletin of Environmental Contamination and Toxicology*.

Ghazaleh Monazami Tehrani¹, Rosli Hashim, A.Halim Sulaiman, Belin Tavakoly Sany, Aishah Saleh, Reza Khani Jazani, Ahmad Savari, Rasoul Falah Barandoust. 2013. Distribution of total petroleum hydrocarbons and polycyclic aromatic hydrocarbons in Musa Bay sediments (northwest of the Persian Gulf). *Environment Protection Engineering*. 39:1. 115-128.

Chupani L, Savari A, Zolgharnein H, Rezaie A, Zeinali M. 2013. Enzymatic and histopathologic biomarkers in the flatfish *Euryglossa orientalis* from the northwestern Persian Gulf. *Toxicol Ind Health*.

Safahieh A, Hedayati A, Savari A, Movahedinia A. 2012. Effect of sublethal dose of mercury toxicity on liver cells and tissue of yellowfin seabream. *Toxicology and Industrial Health*. 7.583-92.

Salamat N, Soleimani Z, Safahieh A, Savari A, Ronagh MT. 2012. Using Histopathological Changes as a Biomarker to Trace Contamination Loading of Musa Creeks (Persian Gulf). *Toxicologic Pathology*.

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Mehrnaz Shirmohammadi, Babak Doustshenas, Simin Dehghan Mediseh, Ahmad Savari, Nasrin Sakhaei. 2012. Impacts of Trawling on Distribution and Diversity of Gastropods in the Persian Gulf: the Bahrekan Fishing Area. 3:10. 37-46.

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- Mohammad Ali Salari, Aliabadi, Sohrab Rezvani Gilkolaei, Ahmad Savari, Hossein Zolgharnein, Sayed Mohammad Bagher Nabavi 2009. Population genetic structure of cobia, *Rachycentron canadum* revealed by microsatellite markers. *JABS.* 3 (1): 103-107.
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3-2. Publications From 1989-2004:

- Savari, A.; Sylvester, C.; Sheader, M.; Legal, Y and Lockwood, A. P. M. 1989. Stress studies on the common cockle (*cerastoderma edule*) Southampton water. *Scient. Mar.* 53 (2-3), 719-723.

- Savari, A.; Lockwood, A. P.M and Sheader, M. 1991. Effect of season and size (Age) on the heavy metal concentrations of the common cockle(*cerastoderma edule*) from Southampton water. *J. Moll. Stud.* 57.
- Savari, A.; Lockwood, A. P.M.; Sheader,M. 1991. Variation in the physiological state of the common cockle (*cerastoderma edule*) in the laboratory and in Southampton water. *J. Moll. Stud.* 57, 33-4.
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- Savari, A.; Sakhaee, N.; and Kochinian, P. 1998. Diversity of Decapoda in Khowre Musa waters. *Fish.Sci.J.* 2.
- Nikouyan, A. R.; Savari, A. 1999. Distribution and biomass of macrobenthic fauna in Chabahar Bay. *Iran. J.Fish. Sci.* 1 (2).
- Jamili,S.; Amini,G.; Oryan,S. and Savari,A. 1999. Gonadal changes and Serum steroid levels during the annual reproductive cycles of the pearl oyster *pinctada radiata*. *Iran.J.Fish. Sci.*1 (3). Eskandari, G.; Amirinia, S.; Savari, A.; and Yavari, V. 1999. Determination of maturity time and fecundity season of Croacker fish in Khuzestan coastal waters. *Fish. Sci. J.* 1.
- Eskandari, G; Amirinia, S.; Savari, A.; and Yavari, V. 1999. Feeding of Croacker fish in Khuzestan coastal waters. *Fish.Sci.J.* 2.
- Eskandari, G; Amirinia, S.; Savari, A.; and Yavari, V. 1999. Fecundity of Croaker fish in Khuzestan coastal waters. *Fish. Sci. J.* 2.
- Zaramaivan, H.; Savari, A.; and Aghebattalabi, K. 1999. Valuation and evaluation of 1991 Persian Gulf war impact on mangrove forests. *Pajo.& Saz.* 43.
- Savari, A. 1999. Ecological damage and Economic impacts of 1991 Persian Gulf War on the Southern Iranian Wetlands. *Pajo. & Saz.* 43.
- Riahi, A.; Esmaeili, A.; and Savari, A. 1999. Heavy metals load of aquatic organism and sediments of Karron River. *Nat. Res. J.*2.
- Dehghanmadiseh, S.; Savari, A.; Kochinian, P.; andMoramazi, J. 1999. Abundance, Diversity and Distibution of Ichthyoplankton in KuwreMusa Creeks and CoastalWaters of Khuzestan. *Iran. J.Fish. Sci.*
- Savari, A.; and Nabavi, S.M.B. 2000. Heavy metals content of water and sediment of the Persian Gulf. *Sci. Facul. Sci.J* 4.
- Ashjaardala, A.; Emadi, H.; Kiabi, B.; and Savari, A. 2000. Sex Ratio and to of Rock Oyster, Oman Sea. *Enviro.J.*32.
- Savari, A. and Bagherzadeh, M. 2000. Impact of Sapidroud sediment on the water environment. *Envi.Sci and Tech. J.* 4.
- Dehghanmadise, S.; Savari, A.; and Moramazi, J. 2000. Abundance, diversity and distribution of fish eggs and larvae in western coast of Khuzestan waters. *Fish.Sci.J.*3.
- Nabavi, S.M.B.; Savari, A. 2000. The use of different indices in pollution studies of Khuwre Musa coastal Waters. *Environment*, no. 32.

Shakuri, A.; Savari, A.; Nabavi, S.M.B. and Yavari, V. 2001. study of environmental variables influencing the density of Polychaetes in intertidal zone of Mahshahr Creeks. *J.Agric.&Nat.Res.*3.

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Alavian, Z.; Farmohammadi, S.; Savari, A.; and Zehzad, B. 2002. Abundance and distribution of macroalgae in coastal waters of Kish Island. *Fish.Sci.J.*2.

Kazemi, J.; Savari, A. 2002. Effects of mercury emitted from Imam petrochemical industry wastewater canal on Khuwre Musa environment. *J of water & wastewater consulting Engineers*, Isfahan, Iran.

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Savari, A.; Ahmadi, M. R. and Saeed pour, B. 2003. Nesting ground of sea turtles in Hormuz nad Hengam Islands.

Savari, A.; Sakhaee, N.; and Doustshenas, B. 2004. Identifications and some ecological aspects of early stages of Decapoda in khwre Musa Creeks, Tehran University, *Veternery J.* in press.

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3-3. Publications in Domestic and international proceedings.

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Savari, A. 1992. Iran in Antarctica. *Proceeding of the 1st Marine Science & Technology Smposium*, Noor, Faculty of Natural Resources and Marine Sciences, Iran.

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3-4. Recent Presentations in English

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Savari, S, Safahieh , A, Archangi, B, Savari, A, Abdi R. The study of Methylmercury accumulation in *Epinephalus coioides* brain from Mahshahr Creeks of Persian Gulf as well as waterborne samples Oceanography and Sustainable Marine Production. A Challenge of Managing Marine Resources under Climate Change ICOSMaP., 28-30 October 2013. Kuantan Malaysia.

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Mahsa Haghi, Ahmad Savari. Combining Eco sounding sediment and biological data to map benthic habitats in the in the coastal area of the inner RSA. 1st international conference on environmental challenges in the ROPME sea area. 3rd to 6th March, 2013. Kish, Iran.

Masoomeh Jahanpanah, Ahmad Savari. Investigation of species diversities and dominant of decopoda in the intertidal zone of Bushehr rocky shores ROPME Sea Area. 1st international conference on environmental challenges in the ROPME sea area. 3rd to 6th March, 2013. Kish, Iran.

Ahmad Savari. Contribution in the form of delivering key note speech. 1st international conference on environmental challenges in the ROPME sea area. 3rd to 6th March, 2013. Kish, Iran.

Ahmad Savari, Trevor Platt, Heidi Mass. Eco-sensing of the Persian Gulf and the Gulf of Oman environment by compound remote sensing. November 06 -08, 2012. Land-Sea interactions in the coastal zone. Jounieh, Lebanon.

4-Research Activities:

4-1) International Projects have already been carried out namely:

- Hydrology and Hydrobiology of the Caspian Sea. 1996-8
- Regional organization for the protection of Marine environment (ROPME) Summer cruises 2000 and 2001.
- Khark Island Globallast Project IMO and PSO of Iran. 2001 and 2002.
- Shadegan International wetland project, World Bank Project. 2000.
- Coastal Sensitive Areas IMO and PSO. 2002.
- Caspian Environment Program UNDP. 2000-2001.
- Azim Wetland Western part of Iran. 2002. Iran Oil Ministry and Japanese Oil Sectors.
- Regional organization for the protection of Marine environment (ROPME) Winter cruises 2006.
- Environment Monitoring Program of Ahwaz Water and Waste Water, World Bank 2007-2008.
- Industrial Compliance Action Plan for Ahwaz Industries, World Bank, 2007-2008

4-2) Domestic Projects: (Documents available):

- Many projects in collaboration with Persian Gulf Research Center, Bushehr, 1981-1983
- Pollution and its effects on marine organisms, 4 phases, Shahid Chamran university and Jihad Daneshgahi, 1983-1988.
- Pollution in the Persian Gulf, University of Shahid Chamran, 1991.
- Survey of Limnological parameters and establishing Ecological Balance in Mond and Heleh rivers of Bushehr Province. Department of Environment of Bushehr, 1993-1994.
- Survey of Limnological parameters and establishing Ecological Balance in Khure e Musa, Khuzestan water, 1993.
- Effects of petrochemical industries on the Environment of Khure e Musa, Department of Environment of Kuzestan , 1994.
- Overall studies of Shadegan Wetland, Fisheries Research Center of Khuzestan Province, 1994-1995.
- Environmental studies of Shadegan Wetland, Khuzestan Department of Environment, 1994-1996.
- Many project in collaboration with Khuzestan Fisheries Research Center, 1994-1997.
- Many project in collaboration with Khuzestan Department of Environment, 1994-1997.
- Survey of Zohreh Physicochemical properties for the purpose of Prawn Culture, Khuzestan Department of Fisheries, 1999-2000.
- Study on Physicochemical properties of Nehre Ghasr, Arvand Kanar in Khuzestan. Fisheries Organization, Tehran, 2000.
- Arvand River biological parameters, an internal project of the university of Marine Science and Technology, 2001-2002.
- Management of the Persian Gulf resources, Inter universities project (Shahid Chamran University, Ahwaz; Khalij Fars University, Bushehr and Hormuzgan University, Hormuzgan) Treasury Board of Iran, Tehran, 2000-2003.
- Many projects in collaboration with other colleagues, especially those related to Ghesm Island, UNDP, GEF and University of Marine Science and Technology, Khorramshahr, 2003-2005.
- Watching the health of the Persian Gulf Coral Reefs (Khark Island, Nayband, and Kish Island), Marine Deputy of Department of Environment, 2004-2006.
- Persian Gulf Documentation Center, cooperation amongst Port and Shipping Organization, Ministry of Science, Research and Technology and University of Marine Science and Technology of Khorramshahr, 2002 continuous until present time.

- Interaction between sea and the atmosphere in the Persian Gulf, Sea of Oman and the Caspian. Meteorological organization and the university of Marine Science and Technology, Khorramshahr.
- Management of Shadegan Wetland with Emphasis on Ecotourism, Khuzestan Department of Environment, Marine Deputy of Department of Environment and University of Marine Science and Technology of Khorramshahr, 2006-2007.
- ICZM of Khuzestan Coastal Areas, Department of Environment, Marine Deputy of Department of Environment and University of Marine Science and Technology of Khorramshahr, 2006-2007.
- Survey of the Health of Khure e Musa, Department of Environment in Khuzestan and Tehran and Shahid Chamran University, started 2008 Currently in progress.
- Invertebrates of Sajafi and Bahran areas, Khuzestan Coastal waters, Department of Environment and University of Shahid Chamran, started 2008 currently in progress.
- Overall studies of Hoor el Azim Environment, Department of Environment and Shahid Chamran University, started in 2008 and currently in progress.
- Environmental Management of Homuzgan International Wetlands Hormuzgan Department of Environment and Marine Science and Technology University of Khorramshahr, 2008.

4-3) M.Sc Projects mainly on Aquatic Ecosystems specially those of the Caspian Sea, Internal lakes, the Persian Gulf and the Sea of Oman. More than 150 supervised MSc Projects.

4-4) PhD Projects mainly on the Caspian Sea, the Persian Gulf and the Sea of Oman. Five Supervised Projects. More than 30 Ph.D. Projects have been supervised.

4-5) Reports More than 60 Farsi and English reports written for different national and international projects mentioned in sections 4-1 and 4-2 are available.

4-6) Consultant of many organizations e.g. CEP, ROPME, Fisheries, Environment Department and nuclear power organization.

4-7) Memberships in: Iranian Marine Science and Technology Society, Remote Sensing Society of Atlantic Canada, Porcupine Society of England, Physiology and Pharmacology Society of Iran.

4-8) Secretary of the Journal of Persian Gulf Marine Science and Technology and a member of editorial board for many Iranian and Regional Journals such Marine Science and Technology Journal of Faculty of Natural Resources and Marine Sciences, Noor. Union of North Universities Journal and Journal of the Persian Gulf Marine Science and Technology.

5- Teaching and Administrative Activities:

5-1) Head of Marine Biology Department Shahid Chamran University Iran.

5-2) Dean of Oceanography Faculty Shahid Chamran University Iran.

5-3) Teaching MSc and PhD courses mostly in the field of Aquatic Ecology (Limnology and Oceanography), Ecotoxicology specially of Plankton organisms, Plankton and Productivity in Aquatic Ecosystems.

5-4) **President** of Khorramshahr University of Marine Science and Technology (2000 to 2006)

6- Extra Activities:

6-1) Collection of Aquatic organisms and Taxidermy.

6-2) Helping Museums specially with Aquatic organisms.

6-3) Organizing Conferences and Symposia.

- 6-4) Helping Non-Governmental Organizations (NGO's).
- 6-5) Interdisciplinary projects specially those deal with the Environment.
- 6-6) Participating in Environment excursions and Field trips.

7- Languages:

- 7-1) English: Fluent in Speaking, Reading and Writing.
- 7-2) Arabic: Fluent in Speaking, Reading and reasonably in Writing.
- 7-3) Persian: Native language.
- 7-4) Spanish: weak just started.

8- Interests and Potentials:

- 8-1) Teaching Aquatic Ecology specially modeling the Aquatic Environment, Ecotoxicology and Field work.
- 8-2) Research Project on Invasive Species
- 8-3) Organizing links between universities and institutes of different origin and culture.
- 8-4) Collaborative education and research projects.