

Curriculum Vitae

Kazem Darvish Bastami



Researcher on fishery science

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Academic Background

- M.Sc. in Faculty of Fishery, Gorgan University of Agricultural Sciences and Natural Resources, 2006-2008
- B.Sc. in fishery science, The University of Shahid Chamran, 1999-2003

Positions & Work Experiences & Memberships

- **Researcher on fishery science** : Iranian National Institute for Oceanography and Atmospheric Science (INIOAS)

Research Activities

Research Interest

- Ecology of benthos
- Ecological assessment of coastal water.
- Invasive species
- Marine pollution

Full Papers

- Neyestani, M. R., **Darvish Bastami, K.**, Esmailzadeh, M., Shemirani, F., Khazaali, A., Molamohyeddin, N., Afkhami, M., Nourbakhsh, S., Dehghani, M., Aghaei, S., Firouzbakht, M., 2016. Geochemical speciation and ecological risk assessment of selected metals in the surface sediments of the northern Persian Gulf. *Marine Pollution Bulletin*. doi:10.1016/j.marpolbul.2016.05.024
- Khazaali, A., Kunzmann, A., **Darvish Bastami, K.**, Baniamam, M., 2016. Baseline of polycyclic aromatic hydrocarbons in the surface sediment and sea cucumbers (*Holothuria leucospilota* and *Stichopus hermanni*) in the northern parts of Persian Gulf. *Marine Pollution Bulletin*. doi:10.1016/j.marpolbul.2016.05.039
- Agah, H., Saleh, A., **Darvish Bastami, K.**, Fumani, N.S., 2016. Ecological risk, source and preliminary assessment of metals in the surface sediments of Chabahar Bay, Oman Sea. *Marine Pollution Bulletin*, 107: 383-388
- Mohammadzadeh, M., **Darvish Bastami, K.**, Ehsanpour, M., Afkhami, M., Mohammadzadeh, F., Esmailzadeh, M., 2015. Heavy metal accumulation in tissues of two sea cucumbers, *Holothuria leucospilota* and *Holothuria scabra* in the northern part of Qeshm Island, Persian Gulf. *Marine Pollution Bulletin*, 103:354-359

Darvish Bastami, K., Neyestani, M.R., Shemirani, F., Soltani, F., Haghparast, S., Akbari, A., 2015. Heavy metal pollution assessment in relation to sediment properties in the coastal sediments of the southern Caspian Sea. *Marine Pollution Bulletin*. 92:237-243.

- **Darvish Bastami, K.,** Afkhami, M., Mohammadizadeh, M., Ehsanpour, M., Chambari, S., Aghaei, S., Esmaeilzadeh, M., Neyestani, M.R., Lagzaee, F., Baniamam, M., 2015. Bioaccumulation and ecological risk assessment of heavy metals in the sediments and mullet *Liza klunzingeri* in the northern part of the Persian Gulf. *Marine Pollution Bulletin*. 94:329-334.
- Aghaei, S., Ashjae Ardalan, A., Moraki, N., **Darvish Bastami, K.,** Mola Mohieddin, N., 2014. Nutritive value and trace elements accumulation (Zn, Cu, Pb, Cd) in muscle and liver tissues of Barracuda *Sphyraena SP.* in Bandarabbas. *Journal of Marine Science and Technology Research*. 9:45-53
- **Darvish Bastami, K.,** Taheri, M., Bagheri, H., Foshtomi, M. Y., Ganji, S., Haghparast, S., Soltani, F., Hamzehpoor, A., Karimi, B., 2014. Response of sediment-dwelling annelida community in relation to geochemical parameters in the Gorgan Bay, Caspian Sea. *International Journal of Environmental Science and Technology* . 11:2025–2036.
- **Darvish Bastami, K.,** Bagheri, H., Kheirabadi, V., Ghorbanzadeh Zaferani, G., Teymori, MB., Hamzehpoor, A., Soltani, F., Haghparast, H., Moussavi Harami, SR., Farzaneh Ghorghani, N., Ganji, S., 2014 Distribution and ecological risk assessment of heavy metals in surface sediments along southeast coast of the Caspian Sea. *Marine Pollution Bulletin*. 18:262-267.
- Eghtesadi Araghi, P., **Darvish Bastami, K.,** Rahmanpoor, S., 2014. Distribution and sources of polycyclic aromatic hydrocarbons in the surface sediments of Gorgan Bay, Caspian Sea. *Marine Pollution Bulletin*. 2:298-305.
- **Darvish Bastami, K.,** Afkhami, M., Ehsanpour, M., Kazaali, A., Mohammadizadeh, M., Haghparast, H., Soltani, F., Zanjani, S.A., Farzaneh Ghorghani, N., Pourzare, R., 2013. Polycyclic aromatic hydrocarbons in the coastal water, surface sediment and mullet *Liza klunzingeri* from northern part of Hormuz strait (Persian Gulf). *Marine Pollution Bulletin*. 76:411-416.
- Rahmanpoor, S., Ghafourian, H., Hashtroudi, SM., **Darvish Bastami, K.,** 2013. Distribution and sources of polycyclic aromatic hydrocarbons in surface sediments of the Hormuz strait, Persian Gulf. *Marine Pollution Bulletin*. 78:224-229.
- **Darvish Bastami, K.,** Taheri, M., Bagheri, H., yazdani Fashtami, M., Soltani, F., Haghparast, S., Hamzehpoor, A., Lotfi Ashtiyani, SM., 2013. The Relationship between some heavy metal contents in the sediment and macrobenthic community in Gorgan Bay, *Journal of Animal Environmen*. 4,91-102
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- Mohammadizadeh, M., **Darvish Bastami, K.,** Kazaali, A., Ehsanpour, M., Afkhami., 2013. Effects of PAHs on blood thyroidal hormones of *Liza klunzingeri* in the northern part of Hormuz strait (Persian Gulf). *Comp Clin Pathol*, DOI 10.1007/s00580-013-1725-5
- Sarhadizadeh, N., Afkhami, M., Ehsanpour, M., **Darvish Bastami, K.,** 2013. Heavy metal pollution monitoring in the northern coast of Hormuz Strait (Persian Gulf): plasma enzyme variations in *Periophthalmus waltoni*. *Comp Clin Pathol*, DOI 10.1007/s00580-013-1743-3
- salarzadeh, A., afkhami, M., ehsanpour, M., mehvari, A., **Darvish Bastami, K.,** 2013. 2013. Identification of sea cucumber species around Hengam Island (Persian Gulf, Iran), *Marine Biodiversity Records*, 1-6
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- **Darvish Bastami, K.,** Afkhami, M., Soltani, F., 2012. First report of two species of sea cucumbers from Qeshm Island (Persian Gulf). *Marine Biodiversity Records*. doi:10.1017/S1755267212000619; Vol. 5; e76;

- Afkhami, M., Ehsanpour, M., Khazaali, A., Kamrani, E., Mokhlesi, A, **Darvish Bastami, K.**, 2012. Sea cucumber fisheries of Qeshm Island, Persian Gulf. *SPC Beche-de-mer Information Bulletin* #32 pp 60-62.
- Afkhami, M., Ehsanpour, M., **Darvish Bastami, K.**, Bahri, A., and Abdurasoul Daryaei. 2012. Distribution of ascidians *Phallusia nigra* (Tunicata: Ascidiacea) on the north coast of the Persian Gulf, Iran. *Marine Biodiversity Records*.5:1-4
- Khansari A, Yavari V, Alishahi M, Mousavi S M, Ghorbanpoor M, **Darvish Bastami K**, Azizi S, 2012, Effects of *Oliviera decumbens* and *Satureja khuzestanica* extract on some immunological and haematological parameters of *Cyprinus carpio*, *Comp Clin Pathol*, DOI 10.1007/s00580-012-1412-y
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- Salarzadeh, A., Afkhami, M., **Darvish Bastami, K.**, Ehsanpour, M., Khazaali, A., and Mokhlesi, A., 2012. Proximate Composition of Two Sea Cucumber Species *Holothuria pavra* and *Holothuria arenicola* in Persian Gulf. *Annals of Biological Research*, 3 (3):1305-1311.
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- Peyman Eghtesadi-Araghi, **Kazem Darvish Bastami**, 2011, An Integrated Approach on Effects of Environmental Parameters Fatty Acid Composition in Mollusks, *Research Journal of Environmental Science*. DOI.103923/rjes.2011
- Afkhami, M., Mokhlesi, A., **Darvish Bastami, K.**, Khoshnood, R., Eshaghi, N., Maryam Ehsanpour. 2011. Survey of some Chemical Compositions and Fatty Acids in Cultured Common Carp (*Cyprinus carpio*) and Grass Carp (*Ctenopharyngodon idella*), Noshahr, Iran. *World Journal of Fish and Marine Sciences* 3 (6): 533-538.
- **Darvish Bastami, K**; Imanpour, M R and Hoseinifar H S, 2010. Sperm of feral carp *Cyprinus carpio*: optimization of activation solution. *Aquaculture international*, Volume 18, Number 5, Pages 771-776
- **Kazem Darvish Bastami** and Mohammad Reza Imanpour, 2009, Survey effects of different concentration of electrolytes and pH on characterization of sperm motility in Wild carp (*Cyprinus carpio*), *Iranian Scientific Fisheries Journal*, 18: 27-35
- **Darvish Bastami K A**, Mohamadi Zaragabadi A Salehi Mir S V and , Haji Moradlou Shakiba M. M. 2009. Measurement of some haematological characteristics of the wild carp, *Comparative clinical pathology*, 2009, Volume 18, Number 3, Pages 321-323
- **Darvish Bastami K**, Sudagar M, Imanpour M.R and S.A. Taheri, 2009, Effects of daphnia and artemia extracts on food acceptability, Growth and survival rate of Beluga Huso huso, *Iranian Scientific Fisheries Journal*, 17:35-45
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- Mohammadi zarejabad A, **Darvish Bastami K**, Sudagar M. and Pournali S, 2010. Haematology of great

sturgeon (*Huso huso* Linnaeus, 1758) juvenile exposed to clove powder as an anaesthetic, *Comparative Clinical Pathology*, 2010, Volume 19, Number 5, Pages 465-468

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- Seyed Hossein Hoseinifar , Alireza Mirvaghefi , Daniel L. Merrifield , Bagher Mojazi Amiri ,Saeed Yelghi , **Kazem Darvish Bastami**, 2010. The study of some haematological and serum biochemical parameters of juvenile beluga (*Huso huso*) fed oligofructose, *Fish Physiology and Biochemistry*, DOI 10.1007/s10695-010-9420-9
- Sheida Azizi , Preeta Kochanian , Rahim Peyghan , Alireza Khansari , **Kazem Darvish Bastami**, 2010, Chloride cell morphometrics of Common carp, *Cyprinus carpio*, in response to different salinities, *Comparative clinical pathology* DOI 10.1007/s00580-010-1003-8
- Shekari M, Savari A, Maramazi J, Skandari Gh, Ronagh M T, Hashemi A, **Darvish Bastami K**, Sinaie M and Kashi MT, 2010, Reproduction and feeding biology of Madagascar meager (*Argyrosomus hololepidotus*) from coastal waters of Khuzestan, *Iranian Scientific Fisheries Journal*,19(2):67-77
- Sheida Azizi, Preeta Kochanian, Rahim Peyghan, Alireza Khansari, **Kazem Darvish Bastami**,2009, Effects of different salinities on change histology of kidney in *Cyprinus carpio*, *Shil Amayesh Journal of Biological Science*,1(3):47-57
- Seyed Hossein Hoseinifar, Parviz Zare , **Kazem Darvish Bastami**, 2009, The study of possibility of *Artemia* replacement with microdiet in post-larval culture of Indian white shrimp (*Fenneropenaeus indicus*) and its effects on growth factors, survival and resistance to salinity stress, *Shil Amayesh Journal of Biological Science*. 1(2):53-62
- **Kazem Darvish Bastami**,Majid Shekari, Seyed Ahmadreza Hashemi ,Alireza Khansari,Mahmoud Sinaei, Somayeh Pournalimotlagh, 2009. Growth, mortality and exploitation ratio of *Otolithes ruber* (Teleostei: Sciaenidae) in the Khozestan province, *Shil Amayesh Journal of Biological Science*,1(2):29-35
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- Hossein Bagheri, Sasan Alinejad and **Kazem Darvish Bastami**, Heavy metals (Co, Cr, Cd, Ni, Pb and Zn) in sediment of Gorganrud River, Iran, *Research Journal of Environmental Toxicology*, DOI: 10.3923/rjet
- Seyed Hossein Hoseinifara, Alireza Mirvaghefi, Bagher Mojazi Amiri, Hoseinali Khoshbavar Rostami, Saeed Yelghi and **Kazem Darvish Bastami**, The effects prebiotic oligofructose on some haematological, serum biochemical parameters and liver enzymes of beluga (*Huso huso*) juvenile, *Iranian Scientific Fisheries Journal*
- Sarah Haghparast and **Kazem Darvish Bastami**, Hatching induction in diapausing eggs of *D. pulex* influenced by abiotic factors, *Iranian Scientific Fisheries Journal*,
- Eghtesadi Araghi P, Nooshin Sajjadi and **Kazem Darvish Bastami**, Diet composition of *Nerita textailis* as

indicated by biomarker fatty acids in an upwelling area, *Journal of Environmental Sciences*.

Projects

- Hydrochemical study of south Caspian Sea
- Environmental monitoring of coastal water (Gorgan Bay and Caspian Sea) by using biotic index
- Survey of PAH contamination in sediment of Gorgan Bay.
- Survey of heavy metal contamination in sediment of Gorgan Bay
- Environmental monitoring of coastal water of Persian Gulf and Oman Sea
- Toxicological assessment of Bandar Abbas coastal in relation to Poly cyclic Aromatic Hydrocarbon (PAH) and heavy metal by using *Liza klunzingeri*
- The survey of Nutrition value of 4 sea cucumber species *Holothuria leucospilata* , *Holothuria scabra* , *Holothuria atra* & *Holothuria pavorosa* in Hormozgan province (Persian Gulf). Islamic Azad University of Bandar Abbas.
- The survey Distribution of Fatty Acid in two species of sea cucumbers, *Holothuria leucospilata* and *Holothuria scabra* in Persian Gulf. Islamic Azad University of Bandar Abbas.
- Identification of Sea Cucumber Species around Iрак (Persian Gulf). Islamic Azad University of Bandar Abbas.
- The survey Distribution of Fatty Acid in two species of sea cucumbers, *Holothuria leucospilata* and *Holothuria scabra* in Persian Gulf. Islamic Azad University of Bandar Abbas.
- Identification of Sea Cucumber Species around Iрак (Persian Gulf). Islamic Azad University of Bandar Abbas