

Curriculum Vitae

RESUME(C.V.)

I- Personal Information

Name: Abbas Surname: Esmaili sari

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II- Educational Records:

- 1- B.Sc. Natural Resources, University of Tehran 1978.
- 2- Ph.D. Environmental Science Bodenkultur Vienna Austria 1985.

IV- Teaching Experience:

- 1- Pollution, health and aquatic. Courses at ph.D level. College of Natural Resources and Marine Science. Tarbiat Modarres University. Since 1990.
- 2- Pond fish Culture management Courses at M.Sc. level. College of Natural Resources and Marine Science. Tarbiat Modarres University. Since 1988.
- 3- Technical pollution Courses at M.Sc. level. College of Natural Resources and Marine Science. Tarbiat Modarres University. Since 1990.
- 4- Iranian water pollution Courses at M.Sc. level. College of Natural Resources and Marine Science. Tarbiat Modarres University. Since 2001.

Exeective:

1. Head of Department of Environmental Sciences, Vollege of Natural Resources and Marine Sciences. Tarbiat Modarres University (1986-96).
2. Vice President of Tarbiat Modarres Universiy (1988-89).
3. Head of College of natural Resources and Marine Sciences Tarbiat Modarres University (1992-96).
4. Research Department, College of Natural Resources and Marine Sciens (since 1999).

5. Head of Department of Environmental Sciences (since 1999).

V- Pulpished Works:

V-i- Journals

1. Khodabandeh Saber, **Esmaili Abbas**, Talei roghih, Sifabadi Jafar, et Abtahi Behrooz. regime aliementaire D'UN Cnidaire Envahissant, *Mnemiopsis leidy*, Lelong de la Cote iranienne de la mer caspienne. Bulletin de la Sonciete zoologique de France, Tome 127, 2002, N 4B.
2. Khodabandeh Saber, **Esmaili Abbas**, Talei roghih, Sifabadi Jafar, et Abtahi Behrooz. Recherche surla distribution et la densite du cnidaire *Mnemiopsis leidy*, Lelong de la conte Meridionale de la mer caspinne. Bulletin de la Sonciete zoologique de France, Tome 127, 2002, N 4B.
3. **Esmaili Sari A.**, Determination of PCB compounds in tehrans air using the wet deposition method. Iranian journal of natural resources. No.47, 1995.
4. **Esmaili Sari A.**, Zare-maivan H. Salahi Kojour A., Environmental Consequences of Iraq-Kuwait war on Iranian Natural resources via wet Deposition. Proceedings of International Congress of Acid Snow and Rain 1997.
5. **Esmaili A.** Ryahi A, and Savari A, Determiantion of Heavy Metals (Cd, Co, Pb, Ni, Zn & Cu) in water, Sediments and fish from the Karun River. Iranian journal of natural resources. Vol. 52, No. 2, 1999.
6. **Esmaili Sari A.**, Survey of the Abundance & origin of oil pollution in Shadegan Wetland through finger print tracing. Iranian journal of natural resources. Vol. 51, No. 2, 1999.
7. **Esmaili Sari A.**, PAHs Compounds in Tehran air via wet deposition. Iranian journal of natural resources. Vol. 50, No. 1, 1999
8. **Esmaili Sari A.**, Ph.D, & Riahy -Bakhtiary A., Comparison of water pollution levels due to total hydrocarbon and heavy metals in shahid-e- BAHONAR and RAJALL sea ports. Scientific- Research Journal of Shahed University , No. 25, Autumn 1999.
9. **Esmaili Sari A.**, Ghasempouri S.M., Noise Reduction Coefficient in Box trees (*Buxus sempervirens*) Emphasis on Iranian. North forest park. Scientific and research quarterly of jahad Sazandegi , No. 40,41,42, Spring 1999.
10. **Esmaili Sari A.**, Abtahi, B., Saifabadi, J., Khodabandeh S, & Ershad H., First report on occurrence of a comb-jelly in the Caspian sea. Journal of environmental science and technology, 3, 63-68. 1999.
11. **Esmaili Sari A.**, Piri M, Ershad Langerroodi H. Assessing the impact of toxicants Edifenphos and Propionazole on primary levels of food chain in aquatic ecosystems. Journal of Agricultural sciences. Vol6, No. 1, Spring 2000.
12. **Esmaili Sari A.**, Khodabandeh S. Abtahi b. seifabadi J. Ershad H., First report on occurance of a comb jelly in the Caspian sea. Journal of Environmental sciences & technology. No.3 , Winter 2000.
13. **Esmaili Sari A.** Ph.D and Bazrafshan A.A.M.S., Determination of oil & its derivative compounds in south east Caspian Sea. Scientific-Research Journal of Shahed University , No.31, Feb.-Mar., 2001.
14. **Esmaili Sari A.** Riahi A. and Attari M. Investigation on periodicity and locality of wet deposition along the North Coast of Iran. Journal of Agricultural sciences and natural resources. Vol. 8 , No. 3, Fall 2001.
15. **Esmaili, A.**, B. Abtahi, J. Seyfabadi, S. Khodabandeh. Invasive comb-jelly and future of the Caspian Sea. Naghshe Mehr Publication, Tehran, Iran. 2001, P. 144.
16. **Esmaili Sari A.** Ghasempouri, S.M. (MSc.) , Yaghobzadeh, Y.(MSc.), Determination and Comparision of Heavy Metals (Pb, Cd, Zn, Ni) in some Commercial Fishes and Green Tiger Prawns *Penaeus Semisulcatus* in Bushir Area. Journal of Environmental Studies, Nu 28, March 2002.
17. Ghasempouri S.M., **Esmaili Sari A.**, Determination of total hydrocarbons in water and sediment of gomishan wetland. Iranian journal of marine sciences, Vol. 1, No. 1, Winter 2002.
18. **Esmaili Sari A.**, Esmaili L, Determination of polycyclic aromatic hydrocarbons (PAHs) in the Caspian sea. Proceedings of the VIII Intecol international congress of ecology, August 11-18, 2002.
19. **Esmaili Sari A.** Abtahi, B., Seifabadi, J. Khodabandeh, S. Ershad, H. 2001. An study on the density and distribution of comb-jelly, *Mnemiopsis leidy*, in the Caspian Sea (in Persian). Daneshvar, no. 31. pp. 145-148.
20. **Esmaili, S. A.**, Seifabadi, J., Khodabandeh, S., Abtahi, B. 2001. Feeding regime of comb-jelly, *Mnemiopsis leidy*, from the Caspian Sea. Daneshvar, no. 31. pp. 139-144.
21. Zare, H. **Esmaili Sari. A.**, Charkhaby A, Tavasoly G, Mehdian M.H., Salahikojoy A. Disribution of Atmospheric Pollutants Resulting from the Burning Oilwells of Kuwait. Sientific and research quarterly of jahad sazandegi ISSN: 1019-9632 No 43 Summer 1999.
22. Zare M, H., **Esmaili Sari. A.**, Salahikojoy A., Measuring Petroleum Hydrocarbons and heavy metals in wetland and coastal. Sientific and research quarterly of jahad sazandegi ISSN: 1019-9632 No 43 Summer 1999.
23. **Esmaili, Sari. A.** Piri, M. Esmaili, L. Determination of Polycyclic Aromatic Hydrocarbons (PAHs) in the Fat Tissue of Caspian Sea (*Pusa caspica*). Iranian Journal of Marine Sciences. Quarterly Scientific Journal , Vol. 1, No. 2, Spring 2002.
24. **Abbas Esmaili Sari**, *Seyed Jafar Seifabadi* , *Seyed Mahmoud Ghasempouri*, *Vahid Ghadri* Determination of Mercury Concentration in Habitat, Muscle

and Gill of Mudskipper (*Boleophthalmus dussumieri*) in Mahshahr Creek, Persian Gulf, Madison, Wisconsin, USA, 2006.

25. **Abbas Esmaili Sari**, *Seyed Mahmoud Ghasempouri*, *Gholamreza Zolfaghari*, Total Mercury in Human Hair and Nail: Amalgam Fillings as Exposure Factor, Madison, Wisconsin, USA, 2006.
26. **Abbas Esmaili Sari**, *Gholamreza Zolfaghari*, *Seyed Mahmoud Ghasempouri*, Biological Monitoring Exposure to Mercury among Iranian Dentists, Madison, Wisconsin, USA, 2006
27. **Abbas Esmaili Sari**, *Seyed Mahmoud Ghasempouri*, *Sohrab Mazloomi*, *Behrooz Behroozirad*, Mercury Concentration in Different Tissues of Common Cormorant (*Phalacrocorax carbo*) in Fereydoonkenar Wildlife Refuge, North of Iran, Madison, Wisconsin, USA, 2006.
28. *Gholamreza Zolfaghari*, *Seyed Mahmoud Ghasempouri*, **Abbas Esmaili Sari**, *Bahram Hassanzadeh Kiabi* - Madison, Mercury Concentrations in Feathers of Eighteen Species of Birds in the Southwest of Iran, Wisconsin, USA, 2006.
29. Regime alimentaire d'un Cnidaire envahissant, *Menemopsis leidy*, le long de la cote iranienne de la mer Caspienne, Congres de la Societe Zoologique.
30. Environmental Consequences of Iraq-Kuwait war on Iranian Natural Resources via wet Deposition.
31. *Seyed Mahmoud Ghasempouri*, **Abbas Esmaili Sari**, *Gholamreza Zolfaghari*, *Bahram Hassanzadeh Kiabi*, Mercury Concentrations in Feathers from Iran Birds: Influence of Trophic Level, Feeding Strategy and Taxonomic Affiliation, Madison, Wisconsin, USA, 2006.
32. **Abbas Esmaili Sari**, *Seyed Mahmoud Ghasempouri*, *Gholamreza Ghasemzadeh*, *Leila Taheriazad*, Determination of Mercury Concentration in Liver, Lien and Muscle of 10 Freshwater Fishes in Anzali Wetland: A Simple Food Chain, Madison, Wisconsin, USA, 2006.
33. **Abbas Esmaili Sari**, *Seyed Mahmoud Ghasempouri*, *Seyed Jafar Seyfabadi*, *Maryam Rafii*, Mercury Concentrations in Flatfish (*Euryglossa Orientalis*) to Assess the Impact of a Petrochemical Complex, Persian Gulf, Madison, Wisconsin, USA, 2006.
34. *Maryam Karimpour*, **Abbas Esmaili Sari**, *Majid Afyuni*, *Yahya Rezaeinejad*, *Seyed Mahmoud Ghasempouri*, Effect of Sewage Sludge on Mercury Accumulation in Soil and Corn, Madison, Wisconsin, USA, 2006.
35. **Abbas Esmaili Sari**, *Habib Vahabzaderodsari*, *Seyyed Mahmoud Ghasempouri*, *Nahid Shahsavari*, The Measurement and Comparison of Mercury Concentration in the Sediment and Organs of Some Aquatic Plants in Anzali Wetland, Iran, Madison, Wisconsin, USA, 2006.
36. **Abbas Esmaili Sari**, *Seyed Mahmoud Ghasempouri*, *Fateme alsadat Namayandeh*, *Samar Mortazavi*, Mercury Determination in 5 Different Shrimp Species in the Persian Gulf, Madison, Wisconsin, USA, 2006.
37. **Abbas Esmaili Sari**, *Seyed Mahmoud Ghasempouri*, *Majid Mousavi*, Mercury Concentration in Various Organs of the White Cheek Shark (*Carcharhinus dussumieri*) in the Persian Gulf, Madison, Wisconsin, USA, 2006.
38. **Abbas Esmali Sari**, *Seyed Mahmoud Ghasempouri*, *Somayeh Foroughi*, The Correlation between Weight and Length of Fish and Mercury Concentration in Different Organs of the Kutum Roach (*Rutilus frisii kutum*) from South-Central Region of the Caspian Sea, Madison, Wisconsin, USA, 2006.
39. **Abbas Esmaili Sari**, *Behrooz Abtahi*, *Seyed Mahmoud Ghasempouri*, *Leila Yazdani Nasab*, Assessing the Concentration and Bioaccumulation of Mercury in Some Organs of *Liza aurata* in the Southern Caspian Sea, Madison, Wisconsin, USA, 2006.
40. **Abbas Esmaili Sari**, *Alireza Riahi Bakhtiari*, *Seyed Mahmoud Ghasempouri*, *Mahboubeh Nozari*, Determination and Comparison of Mercury Concentrations in Different Organs of Pike (*Esox lucius*) in the Anzali Wetland, Iran, Madison, Wisconsin, USA, 2006.
41. **Abbas Esmaili Sari**, *Rajab Nazari*, *Mohsen Shahriari*, Acute LC-0 and bioaccumulation of Mercury in *Rutilus frisii kutum* *Ahmad Gharaei*, Madison, Wisconsin, USA, 2006.
42. **Abbas Esmaili Sari** *Seyed Mahmoud Ghasempouri*, *Bahram Hasanzadeh-Kiabi*, *Ph D*, Examination of Mercury Concentration in the Feather Species of Birds in Southwest Iran, Final Decision.
43. E. Oveissi, A. Esmaili, M. Ghasempouri, A study and Measurement of Noise Pollution due to Traffic, Yazd. Journal of the Iranian Natural Res., vol. 59, No. 4, 2007, pp.885-901.
44. Zolfaghari GH., **Esmaili Sari A.**, Ghasempouri S.M, Ghorbani F., Ahmadi N., Shokri., The Comparison of Relatuin between Age, Sex and Weight with Mercuy concentration in different Tissues of *Chalcalburnus chalcalb urnus* from Anza Anzali wetland, Iran. Journal of Marine sciences and technology, Vol. 5, No, 3, 4 Autumn & winter 2006
45. Mazloomi S., **Esmaili Sari A.**, Ghasempoori S. M., Determination of Mercury Concentration in Some Organs of Cormorant (*Phalacrocorax carbo*), Journal of the Iranian Natural Res., Vol. 60, Ni. 2, 2007. pp. 587-594.
46. **Esmaili Sari A.**, Ghasempouri S. M., The correlation of Length and weight of Kutum (*Rutilus frisii kutum*) in the central south of Caspian Sea with copper and zinc concentration in muscle and liver tissues. Iranian Scienrific Fisheries Journal, Vol. 16, No. 4, Winter 2008.
47. Mehdi Naderi Jelodar, **Abbas Esmaili Sari**, Mohammad Reza Ahmadi, Seyed Jafar Seifabadi, Asghar Abdoli., The Effect of the trout farm effluents on the water Quality parameters of Haraz River., Environmental sciences Vol. 4, No. 2, Winter 2007.
48. Behrooz Abtahim Mehdi Ghodrati Shojaii, **Abbas Esmaili Sari**, Masoomeh Rahnema, Isa Sharif Pour, Mahmood Bahmani, Rezvanallah Kazemi, Ali Hallajian, Concentration of some Heavy metals in Tissues of Stellate sturgeon (*Acipenser stellatus*) in the south Caspian Sea. Environmental sciences Vol.

4, No. , Spring 2007. 77-84.

49. Aghabarati A., Hosseini S. M., **Esmaili Sari A.**, Maralina H., Growth and Mineral Accumulation in *Olea europaea* L. Trees Irrigated with Municipal Effluent, Research Journal of Environmental Sciences 2 (4): 281-290, 2008. ISSN 1819-3412.

50. Taheriazad L., **Esmaili Sari A.**, Rezaei Tavabe K., A study of mercury concentration in organs of Zander fish (*Sander lucioperca*) in the Caspian Sea., Iranian Scientific Fisheries Journal, Vol.17, No.2, Summer 2008.

51. Mohammadnezhad Shamooshaki M. Nezami Sh.A. **Esmaili Sari A.** Khara H., Pazhand Z. Yossafei Garagorakei M. Detention of LC₅₀ of Dyazinon, Hinosan and Tilt For *Acipenser nudiiventris* fingerlings., Sea., Iranian Scientific Fisheries Journal, Vol.17, No.2, Summer 2008.

Conferences:

1. **Esmaili Sari A.**, Environmental Pollution of the I. R. Iran Consequent of the 1991 Iraq-Kuwait Conflict. Claim of the Ministry of Jihad -e- Sazandegi Tehran 1997.
2. **Esmaili Sari A.** Ph.D, Saifabadi J, Ph.D, Khodabandeh S., Abtahi B. Ph.D & Talayi R. Feeding regime of comb-jelly (*Mnemiopsis leidyi*) from Caspian sea. Scientific-Research Journal of Shahed University , No.31, Feb.-Mar., 2001.
3. **Esmaili Sari A.** Ph.D, Abtahi B. Ph.D, Saifabadi J. Ph.D, Khodabandeh S. & Ersha H. M.Sc. An study on the density & distribution of an invasive comb jelly, *Mnemiopsis leidyi*, in the Caspian sea. Scientific-Research Journal of Shahed University , No.31, Feb.-Mar., 2001.
4. Abtahi B., **Esmaili Sari A.**, Khodabandeh S., Seifabadi J. 2001. Ctenophores of the Caspian Sea and their Socio-economic Impacts. The Second Internatioal Iran & Russia Conference (Agriculture & Natural Resources). Moscow. Abstract, pp. 164.
5. **Esmaili Sari A.**, Abtahi B., Talaei R and Sifabadi J., Recherche sur la distribution et al densite du cnidaire *Mnemiopsis leidyi*, le longe de cote meridionale de la Mer Caspienne. 126^{eme} Congres la Societe Zoologique de France Du 16 au 18 septembre 2002, Plouzane-Brest, FRANCE.
6. Khodabandeh S, **Esmaili Sari A.**, Talaei R, Sifabadi J, Abtahi B, Regime alimentaire d'un Cnidaire envahissant, *Mnemiopsis leidyi*, le long de la cote iranienne de la Mer Caspienne. Laboratoire d'Ecophysiologie des Invetebres, University Montpellier 2, France. Brest 2002.
7. **Esmaili Sari A.** Acute toxicity of butachlor and diazinon in fingerlings of *Acipenser stellatus* and *Acipenser persicus*. 4th International Symposium on Sturgeon. 2001, Oshkosh USA.
8. **Esmaili Sari A.**, Abtahi B., Seifabadi J., Khodabandeh S., and Ershad H. 2001. Occurrence of Ctenophores in the Caspian Sea and its Environmental Consequences (in Persian): The fifth Iranian Symposium on Marine and Atmospheric Science and Technology. Bandar Abbas.
9. Seifabadi J., Khodabandeh S., **Esmaili Sari A.**, and Abtahi B. 2001. Some Biological Features of Caspian Sea Ctenophores. The Second International Iran & Russia Conference (Agriculture & Natural Resources). Moscow. Abstract, pp. 171-172.
10. Khodabandeh S., **Esmaili Sari A.**, Abtahi B. and Seifabadi J. 2001. (Distribution and Density of Ctenophores along the Southern Reach of the Caspian Sea. The Second Internatioal Iran & Russia Conference (Agriculture & Natural Resources). Moscow. Abstract, pp. 167.
11. **Esmaili Sari A.**, Khodabandeh S., Abtahi B., Seyfabadi J. Ershad H. 1999. The first report on the occurrence of ctenophores in the Caspian Sea. J. Env. Sci. & Tech. No. 3, Winter 1999. pp.63-68.
12. **Esmaili Sari A.**, Recherche sur la distribution et al densite du cnidaire *Mnemiopsis leidyi*, le longe de cote meridionale de la Mer Caspienne, 126^{eme} Congres la Societe Zoologique de France.
13. **Khodabandeh S, Esmaili Sari A.**, Regime alimentaire d'un Cnidaire envahissant, *Mnemiopsis leidyi*, le long de la cote iranienne de la Mer Caspienne, Laboratoire d'Ecophysiologie des Invetebres, University Montpellier 2, France.
14. M. Barazandeh, B. Abtahi, A. Javanshir, **A. Esmaili Sari** & S. Khodabandeh., Comparison of Sensitivity to oil pollution in *Mnemiopsis leidyi* (Ctenophora) and *Acartia clause* (Crustacea) in the Caspian Sea. Caspian Sea, Ecology and Biology.
15. L.S. Chervova & D. N. Lapshin., Pain sensitivity of fishes and analgesia induced by opiod and nonopiod agents, Caspian Sea, Ecology and Biology.
16. Karimzadeh, K. Mostafaei, **A. Esmaili Sari**, A. Pourkazemi, M. Zahmatkesh, A., Induction and Purification of Cytochrome P450A1 from b-naphthoflavon-treated Beluga, *Huso huso*. General Biology Life History.
17. Shariati, F. **Esmaili Sari**, A. Piri, M., Toxicity and LC₅₀ of phenol and naphthol in *Abramis brama* and *Rutilus frisii kutum* fingerlings, Proceedings of Fourth International Iran & Russia Conference.
18. Barazandeh, M. Abtahi, B. Javanshir, **A. Esmaili Sari**, A. Khodabandeh, S., Comparison of Sensitivity to oil pollution in *Mnemiopsis leidyi* (Ctenophora) in the Caspian Sea
19. Khodabandeh, S. **Esmaili Sari**, A., Effects of copper on branchial Na⁺, K⁺ -ATPase immunoreactivity in *Astacus leptodactylus* (Crustacea, Decapoda), SICB Annual Meeting Buena Vista Palace Resort and Spa in the Walt Disney World Orlando, FL

Book publications:

- 1) Water quality for pond fish culture management, 2000. Iranian Fisheries Research organization.

- 2) Bacteria Fungi and Invertebrate fresh water, 2000. Iranian Fisheries Research organization.
- 3) Invasive Comb-Jelly *Mnemiopsis leidyi* in Caspian Sea, 2001. Naghshe Mehr.
- 4) Pollution, Health and Environmental Standards, 2003. Naghshe Mehr.
- 5) Color atalas of plankton 2003, Iranian Fisheries Research Organization.