Curriculum Vita

Personal Details:

Full name: Seyedeh Laili Mohebbi-Nozar
Data & Place of Birth: 05/03/1970 - Kuwait
Address: P.O. Box, 1597, postcode 79167-93165, Persian Gulf and Oman Sea Ecological Research Institute, Bandar Abbass, Hormozgan, Iran.
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Education and Academic Qualifications*:*

	Title	University Name	Date	Place
B.Sc.	Pure Chemistry	Shahid Bahonar University of Kerman	Sept. 1994	Kerman/Iran
M.Sc.	Organic Chemistry	Kharazmi University (Tarbiat Moallem University of Tehran)	Mar.2000	Tehran/Iran
PhD	Marine Pollution and Toxicology	USM (Universiti Sains Malaysia)	Jan. 2014	Pinang/Malaysia

Skills & Work Experiences

1) Member of scientific board of ministry Jihad Agriculture.
2) Head of pollution Research group in the Persian Gulf and Oman Sea Ecological Research institute.
3) Technical head of chromatography laboratory in the Persian Gulf and Oman Sea Ecological Research institute.
4) Head of Ecology Group in the Persian Gulf and Oman Sea Ecological Research institute

Research Interest

1) Marine pollution and toxicology of Persian Gulf and Oman Sea
2) Environmental chemistry (development of analytical methods)

Publications

A) List of papers published in journals:

- Shockravi A.; Alizadeh R.; Aghabozorg H.; **Mohebbi L.;** Moradi Koochi S. Microwave assisted selective sysnthesis of four Chromanones via biscyclization method in the presence of polyphosphoric acid and crystal structure determination of their dicarboxylic acids'' Iranian Journal of chemistry & chemical engineering, 23 (2), 37-44, 2004.

-Akbarzadeh G.H.; Estaki A.; Ejlali K.; Mortazavi M.S.; **Mohebbi L.;** Saraji F.; Aghajari SH.; Hashemian S.A.M. Salimizadeh M. Environmental impacts of shrimp farms on coastal waters in Tiab area, Hormozgan province, south of Iran, Iranian Scientific Fisheries Journal, 18(1), 2009.

-Ebrahimi M.; **Moohebi Nouzar** L.; Ajlali Khaneghah K.; Sanjani M.S.; Spatial and temporal variation of salinity, water density and temperature of sea waters in Hormozgan province, Hormoz Strait and Persian Gulf, Iranian Scientific Fisheries Journal, 17(3), 2008.

- Teaghsazzadeh, A., Mortazavi, M. S., **Nozar, S. L. M**., & Khanghah, K. E. Investigating the effect of algal blooming tissue (hepatopancreas & gill) of whiteleg shrimps (Litopenaeus Vannamei)(A case study: shrimp ponds of Abadan). Saussurea, **3**(3), 91-96, 2015.

-**Mohebbi Nozar** S. L.; Ismail W.R.; Pauzi Zakaria M.; Seddiq Mortazawi M. PCBs and DDTs in Surface Mangrove Sediments from the South of Iran), International Journal of Environmental Research, 7(3), 817-822, 2013

-**Mohebbi** S. L.; Ismail W. R.; Zakaria M. P. Residual Concentration of PAHs in Seafood from Hormozgan Province, Iran: Human Health Risk Assessment for Urban Population International Journal of Environmental Science and Development, 4(4), 2013.

-**Nozar** S. L. M.; Ismail W. R.; Zakaria M. P.; Mortazavi M. S.; Zahed M. A.; Jahanlu, A. Health Risk of PCBs and DDTs in Seafood from Southern Iran. Human and Ecological Risk Assessment: An International Journal, 20(05), 1164-1176, 2013.

-**Nozar** S. L. M.; Ismail W. R.; Zakaria M. P. Distribution, Sources Identification, and Ecological Risk of PAHs and PCBs in Coastal Surface Sediments from the Northern Persian Gulf, Human and Ecological Risk Assessment: An International Journal, 20(06), 1507 – 1520, 2014.

-**Nozar** S. L. M.; Pauzi M. Z.; Salarpouri A.; Daghooghi B.; Salimizadeh M. Total petroleum hydrocarbons in edible marine biota from Northern

Persian Gulf. Environmental monitoring and assessment, 187(4), 1-6, 2015

-**Mohebbi-Nozar** S. L.; Zakaria M. P.; Ismail W. R.; Mortazawi M. S.; Salimizadeh M.; Momeni M.; Akbarzadeh G. Total petroleum hydrocarbons in sediments from the coastline and mangroves of the northern Persian Gulf, Marine pollution bulletin, 95, 407-411,2015.

-**Mohebbi-Nozar, S. L.,** Zakaria, M. P., Mortazavi, M. S., Ismail, W. R., Kodadadi Jokar, K. Concentrations and Source Identification of Polycyclic Aromatic Hydrocarbons (PAHs) in Mangrove Sediments from North of Persian Gulf, Polycyclic Aromatic Compounds, 1-12, 2015.

B) List of papers presented in congress & seminars:

-Mohebbi S.L. Determination of Aliphatic hydrocarbons in costal sediments of Persian Gulf & Oman Sea, Proceeding of 4rd National seminar of Underwater Science & Technology, 2007, Malek Ashtar university, Isfahan-Iran

-Mortazavi M. S.; Jowkar, K.; Aghajary N.; Saraji F.; Mohebbi L. Environmental effects of shrimp farms effluents on coastal waters of Tiab area,First National Seminar of chemistry and Environment, Nov, 2003, pp.19.

-Kargosha K. ; Mortazavi M. S. ; Mohebbi L. ; Zamani F. Levels of heavy metals in the Persian gulf sediments and Marine organisms, First seminar of chemistry and environment, Nov. 2003, pp. 21.

-Shockravi A.; BruceJ.M.;JahanbinSardroudi H.; Khodaean S.M.; Moradi Koochi S.; Mohebbi L. Biscyclization synthesis of the chromanones, quinolones, bisanthrones & anthralin via their corresponding dicarboxylic acids, 13th international conferences on organic synthesis, Warsaw (Poland), July 1-5 2000.

-Mohebbi S.L., et.al, Determination of COD in effluent of prawn culture ponds based on acidic oxidation of potassium dichromate, First seminar of chemistry and environment Nov. 2003, pp.17

-Khodadai Jokar K.; Mohebbi L. A study on POC and phytoplanktonic pigments distribution in Bandar Abbas coastal waters,The 8 th Biology Conference, Razi University, 31 Aug.-2 Sep. 1999.

Scientific Activities as reviewer

-Reviewer of papers for the Journal of Human and Ecological Risk Assessment (HERA)
-Reviewer of papers for the 6 th Iranian national seminar of chemistry and environment
-Reviewer of paper for the Polycyclic Aromatic Compounds journal
-Reviewer of papers for scientific journals in Persian

Research Projects Leader:

-Determination of Iodide ion in water based on Flow Injection Analysis (BS thesis) Synthesis of chromanones by biscyclization via their corresponding dicarboxylic acids and microwave radiation '' (MSc thesis)

-Health and ecological risk assessment of selected organic pollutants in marine ecosystem of Hormozgan Province, South of Iran (PhD thesis)

-Survey on POC and phytoplanktonic pigments in coastal waters of Hormozgan province

-Determination of organic pollutants (TPH & PAH) in sediment and some commercial species biota from eastern waters of Hormozgan province (Oman Sea & Hormoz Strait)

-Survey on physicochemical factors and pollutants in artificial reefs of Hormozgan province (Bandar Lengeh area)

-Soil quality-Determination of organic Carbon by sulfochromic oxidation-test method (National standard of Iran –no: 8671)

Research Projects Co-works:

-Petroleum Contaminants in Commercial Fish Resources of the Tracing Persian Gulf (Principle of Petroleum analysis)

-Hydrology and Hydro biological study of Persian Gulf (Principal of organic pollutant analysis)

-Hydrobiological study on Jask estuaries (Principal of organic pollutant analysis)

-Hydrology and hydro- biological study in Oman Sea (Principal of organic pollutant analysis)

-Determination of inorganic pollutants in sediment and some commercial species biota from eastern waters of Hormozgan province (Oman Sea & Hormoz Strait)

-Some Ecological Aspects of shrimp Pond culture (Principal of physicochemical factors).

-Survey on industrial waste of Bandar Abbas oil refinery and its environmental effect potential on shore ecosystem.

-Determination of organic pollutants in commercial biota of Hormozgan province

-Determination of fatty acid in used food in shrimp farms of Hormozgan province

-Determination of toxins (ASP, DSP, PSP, NSP) in water & shellfish in Hormozgan province

-Integrated Coastal Zone Management (ICZM) plan in Hormozgan province

-Water quality-determination of the acute lethal toxicity of substances to a freshwater fish, part 1, (National standard of Iran –no: 8696-1)

-Water quality-determination of the acute lethal toxicity of substances to a freshwater fish, part 2,. (National standard of Iran –no: 8696-2)

-Water quality-determination of the acute lethal toxicity of substances to a freshwater fish, .part 3 (National standard of Iran –no: 8696-3)

-Water quality-determination of Iron: Spectrometric method 1.10-Phenanthroline (National standard of Iran –no: 8651)

-Water quality-determination of the sum of Calcium and Magnesium –EDTA titrimetric method (National standard of Iran –no: 8652)

-Water quality-determination of acute toxicity of marine or estuarine sediment to amphipods (National standard of Iran –no: 10161)

-Water quality-determination of selected organotin compounds by gas chromatographic method, (National standard of Iran –no: 10111).

-Water quality-evaluation of aerobic biodegradability of organic compounds in an aqueous medium-semi continuous activated sludge method (SCAS), (National standard of Iran –no: 9115)

-Water quality-determination of orthophosphate and total phosphorus contents by flow injection analysis (FIA & CFA) –part 1 (National standard of Iran –no: 10799-1).

-Water quality-determination of orthophosphate and total phosphorus contents by flow injection analysis (FIA & CFA) –part 2 (National standard of Iran –no: 10799-2).

-Water quality-determination of biochemical oxygen demand after n days (BOD n), Part 2, (National standard of Iran –no: 8396 -2)

-Water quality-determination of Aluminum atomic absorption spectrometric method, (national standard of Iran –no: 8650)

-Water quality-sampling of waste waters, (National standard of Iran –no: 7960).

-Water quality-sampling of rivers and streams (national standard of Iran –no: 7964).

-Water quality-sampling of wet depositions (national standard of Iran –no: 7962).

-Water quality-sampling from lakes, natural and man-made (national standard of Iran –no: 7961).

-Water quality-sampling from marine waters (national standard of Iran –no: 7959).

-Water quality-sampling from marine sediments (national standard of Iran –no: 7372).

-Soil quality-Determination of the potential cation exchange capacity and exchangeable cations using BaCl2 solution buffered at pH=8.1(national standard of Iran –no: 8739).

Course Taught:

-General Chemistry
-Water Chemistry
-Organic Chemistry
-Food Chemistry

Passed Training courses:

-Practical Course on HPLC and GC application in marine biotechnology

-Fundamentals and principles of testing & calibration laboratories based on ISO/IEC 17025:2005

-Estimation of uncertainty of measurement in testing laboratories

-Test methods validation according to ISO/IEC17025:2005

-Internal audit for testing & calibration laboratories based on ISO/IEC 17025:2005

-Fundamentals and application of End Note software (Holding name: USM)

-SPSS workshop (Holding name: USM, 26-27 September 2012)

-Occupational safety and health course (Holding name: USM, 14 January 2012)