

# Resume

## Doctor Hoda Khaledi

Faculty member of Iranian National Institute for Oceanography and Atmospheric Science

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## Educational Background:

PhD: Marine Biology 1390

Master: Biology 1383

Bachelor: 1375

## Book Translation:

Translation Of A Practical Book Where The Biotechnology Laboratory to Persian:

Marine Microorganisms Extraction Analysis of Bioactive Compound

## Work background:

- Medical Lab Technician 1375- 1378
- Teaching Technician Of Biological Lab, And Environment And Aquaculture Lab- Khorramshahr University of Marine Science and Technology 1378-1384
- Faculty Member Of Khorramshahr University of Marine Science and Technology 1384-1394
- Faculty member of Iranian National Institute for Oceanography and Atmospheric Science 1394- Now

- Director Of Student Affairs- Khorramshahr University Of Marine Science And Technology 1382-1383
- Assistant Director Of A Student Affairs- Khorramshahr University of Marine Science and Technology 1383
- Supervisor of Supervision and Evaluation Group- Khorramshahr University of Marine Science and Technology 1384- 1386
- Director of Research and Technology- Khorramshahr University of Marine Science and Technology 1386- 1389
- Assistant Director Of Research And Education- Arvandan Institute of Higher Education- 1389- 1392
- Member Of The Strategic Council Of The University- Khorramshahr University of Marine Science and Technology 1390
- Information Manager- Iranian National Institute for Oceanography and Atmospheric Science 1393- 1394
- Director Of Public Relations- Iranian National Institute for Oceanography and Atmospheric Science 1394- 1395
- Director of the Graduate Office- Iranian National Institute for Oceanography and Atmospheric Science 1396- 1398
- Co-Founder of Arvandan Institute of Higher Education- 1389- Now

### Teaching Background:

- Marine Animal Biology- Iranian National Institute For Oceanography And Atmospheric Science- Phd Students
- Genetics- Iranian National Institute For Oceanography And Atmospheric Science- Bachelor Students
- General Biology- Iranian National Institute For Oceanography And Atmospheric Science, and Islamic Azad University Of Abadan- Bachelor Students
- Marion Biotechnology- Bachelor Students
- Evolution- Bachelor Students

- Natural Marine Products- Bachelor Students
- Laboratory- Genetics- Bachelor Students
- Laboratory- Molecular And Cellular Biology- Bachelor Students
- Ecology- Bachelor Students
- Natural Marine Products- Master Students
- Aquaculture Cell Culture- Master Students
- Bioremediation- Master Students
- Laboratory- Ecology- Bachelor Students
- Studying Water Resources By Satellite Remote Sensing- Khuzestan Electric Institute-  
Training Course Of Managers Of The Electrical Organization Of Khuzestan

## Research Background:

### Research Fields:

- ✓ Biotechnology
- ✓ Ecology
- ✓ Genetic Assessment Of Communities

### Research Projects:

1. 11 New fish genes registered at Sakura Gene Bank (1390)
2. 3 New Genes of Persian Gulf Bacteria Registered at the World Bank Gene (1403)
3. Ecological study of Zohre River for breeding salt water shrimps
4. Ecological study of Hoor al-Azim Wetland
5. Ecological study of Shadegan Wetland Water
6. Investigating The Effects Of Ships Balancing Water Invading Species Around Khark Island IMO
7. International Plan for Comprehensive and Coordinated Management of Persian Gulf Resources
8. Bentic and Microflora studies of Shadegan International Wetland and Persian Gulf Coast belonging to UNCC
9. Study and investigation of Mongasht habitat
10. Study and investigation of Shimbar habitat

11. The role of the development of neyshekar farms in south of Ahvaz in creating a qualitative water crisis in Karoon River
  12. Comprehensive Coastal Strip Management Plan of Khuzestan Province
  13. Shadegan Wetland Management Master Plan with Emphasis on Ecotourism
  14. EMS Research Plan (Environmental Management System) of neyshekar farms
  15. Collection, standardization/ numerizing, and analysis of existing biological data of the Persian Gulf and Oman Sea based on the marine standard biogeographic information system
- ✓ Antibacterial activities assay of sea cucumber species (*Holothuria parva*) in Persian Gulf coast against pathogenic bacteria *Streptococcus inine*, and *Lactococcus garvine*, and on the *Saprolegnia parasitica*
  - ✓ Ecological assessment of Chabahar Gulf coastal zone using IUCN ecological criteria

#### English Papers:

- ✓ Genetic Structure Four Finger Threadfin (*Eleutheronema tetradactylum*) Population in the Persian Gulf and the Oman Sea Using RAPD Marker
- ✓ A review on the state of the biodiversity knowledge on Iran southern sea: introducing a methodology to evaluate the validity of the reported cases
- ✓ Antibacterial assay of *Holothuria parva* extracts against two pathogenic bacteria
- ✓ Ecological assessment of Bushehr coasts (Ouli to Kangan) using Macrobenthos as biomarkers
- ✓ Ecological assessment of tidal zone in Chabahar Gulf coastal zone using IUCN ecological criteria
- ✓ Analysis of the Effects of *Sargassum tenerrimum* Algal Extract on Interleukin-12 Gene Expression in Lymphoblastic Leukemia C121 Cells
- ✓ Ecological baseline analysis of mollusks the intertidal stations of Ouli, Dayyer, and Kangan, in the Persian Gulf
- ✓ Environmental factors and benthic macrofaunal distribution in the establishment of a baseline for coastal management in Chabahar Bay, Gulf of Oman, Iran
- ✓ Ecological Assessment Of Macrobenthic Communities In Chabahar Bay, The Gulf Of Oman
- ✓ Inhibitory Effects Of Marine Metabolites Against Some Uropathogenes And Beta- Lactamases

## Persian Papers:

- ✓ Ecological assessment of the coasts of Chabahar Bay using IUCN Ecological Criteria
- ✓ Coastal Ranking and Assessment of Coastal Tourism Capacity (Case study of the coasts of Chabahar town and Makoran)
- ✓ Is localization of IUCN indices an efficient tool for measuring the potential of conservation degrees on the coasts of the country? (an example of an assessment of the beaches of Bushehr)
- ✓ Determination of the degree of ecological protection of Persian Gulf coasts (range of Ouli to Kangan) using localised ecological indices
- ✓ Ecological evaluation of the beaches of Bushehr (range of Ouli to Kangan) based on the IUCN Ecological criteria
- ✓ The use of various satellite gauges in determining the chlorophyll of water resources and the study of these methods in measuring the chlorophyll of the southern waters of the province
- ✓ Application of Remote Sensing Techniques (R.S) and (GIS) in Estimation of Primary Production (phytoplanktons) of Qeshm Island Coast and Strait of Hormuz
- ✓ Antibacterial activities assay of sea cucumber species (*Holothuria parva*) in Persian Gulf coast against pathogenic bacteria *Streptococcus inine*, and *Lactococcus garvine*
- ✓ Genetic Diversity Of Four Finger Threadfin (*Eleutheronema Tetradactylum*) Population In The Persian Gulf And The Oman Sea Using 28s rRNA Gene Sequencing
- ✓ Study of Genetic Diversity of Hara Trees on the Coast of Hormozgan Province Using Rapid Molecular Method
- ✓ The effect of *Sargassum tenerrimum* seaweed extracts on VEGF gene expression in SW742 colorectal cancer cell line (1 conference paper and 1 journal paper)
- ✓ Purification of Bysal Mussel (*Modiolus* sp. PG) Adhesive Protein fp-2 from Northern Seashore of Persian Gulf
- ✓ Evaluation of interleukin-12 gene expression in C121 lymphoblastic leukemia cells treated with *Sargassum tenerrimum* extract (1 conference paper and 1 journal paper)
- ✓ Assessment of the Inhibitory Effect of Sea Cucumber (*Holothuria parva*) Extracts on Growth of the *Saprolegnia parazitica*
- ✓ The study of anticancer effect of *Sargassum tenerrimum* extracts in human leukemia through investigation of WT1 gene expression
- ✓ The effect of *Sargassum tenerrimum* seaweed extracts on WT1 gene expression in K562 leukemia cancer cell line
- ✓ Genetic population structure of The Persian Gulf Hawksbill turtle (*Eretmochelys imbricta*) using microsatellite analysis
- ✓ A Comparative Study of Community Structure and Ecological Indices of Macrobenthos on the shores of Chabahar Bay (Oman Sea, Iran)
- ✓ Investigation of the bactericidal properties of marine actinomists
- ✓ Ecosystems of Chabahar Bay: community structure of macrobenthos, coastal classification and conservation

## Workshops:

- ✓ Advanced GIS Training Courses At AIT International University, Thailand 1385
- ✓ Teaching The Principles Of Remote Sensing And Geo-Information System (GIS). Space Organization 1382
- ✓ Training Workshop Of Electronic Questionnaire Completion Evaluation Of Micro-Science And Technology And Higher Education. Tehran University 1384
- ✓ Fiduciary Laboratory Training Workshop. Khorramshahr University Of Marine Science And Technology 1383
- ✓ Workshop Of The Plan Of The Client. Khorramshahr University Of Marine Science And Technology 1384
- ✓ Effective Targeting Training Workshop. Khorramshahr Governor. 1383
- ✓ Micro Evaluation Workshop. Khorramshahr University Of Marine Science And Technology 1386
- ✓ PCR Training Workshop And Primer Design
- ✓ Scientific And Professional Ethics. Khorramshahr University Of Marine Science And Technology 1391
- ✓ Islamic Epistemology And Philosophy Of Science. Khorramshahr University Of Marine Science And Technology 1391
- ✓ Workshop Of Effective Communication With The Student. Khorramshahr University Of Marine Science And Technology 1389
- ✓ Advanced Workshop Of Evaluation Questionnaire Of Research Performance Completion And Familiarity With Evaluation Portal. The Office Of Research Studies And Evaluation Of The Ministry Of Science 1387
- ✓ Molecular Analysis Of Aquatic Societies National Research Institute Of Oceanography And Atmospheric Science 1396