



- **Jasim Mohammed Salman Al-Shammary , PhD,**
- **Professor,** *Aquatic Ecology ,Algal Ecology ,Aquatic Biodiversity ,Water Pollution.*
- **Place of work:** Department of Biology ,College of Science ,University of Babylon ,Hilla Iraq.
- **Editor In-Chief** -*Mesopotamia Environmental Journal .*
- **Member** of Ecological Society of America (esa) ,Washington DC, USA.

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- **Web sites:**

- https://www.researchgate.net/profile/Jasim_Salman4
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- <https://uobabylon.academia.edu/JasimAlShammary>
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- <https://scholar.google.com/citations?hl=ar&user=NdLO9JcAAAAJ&view>
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- **General Specialization:** Biology- Environment & Pollution.
- **Minor Specialization:** Aquatic Ecology- Ecology of Algae, water pollution -Limnology - Fresh water biology – waste water treatment – Biodiversity.
- **Area of study :** All Iraqi an inland water bodies , Rivers(Euphrates ; Hilla , Kufa ; Al –abassiya) .phytoplankton ecology, Bivalve ecology ;Aquatic plants ecology ; Bioindicators ; water quality and water pollution ;Environmental Biomarker ; Biofoul .
- **Enhancement sessions :**
 - 1-Worke shop of wet land studies on southern Iraqi marsh ,Marine Science Center -Basra University-2005.
 - 2-Worke shop of Environmental Health-WHO,Amman-Jurdon\2007.
 - 3-Computer operation systems and Windows system application, Computer Center-Babylon University.
 - 4- Work shop about pollution- Ministry of environment Baghdad ,27-29/ 9/2011.
 - 5- Workshop about Atomic absorption spectroscopy ,SHIMADZO ,Istanbul , Turkey , September -2013.

Publications :

Books :

Jasim M Salman, Fikrat M Hassan, Polycyclic, Atheer Saieb, Naji Al-Azawey, Birthday: *Biogeochemical Distribution Of Polycyclic Aromatic Hydrocarbons(PAHs) PAHs Biogeochemical Accumulation in Environments*. 01/2014; Lambert.

Ayad Almamoori, Jasim M. Salman, A. Randall Hughes: *Environmental Biomarkers*. First edited by Ms. Elena Alexei, 10/2013; LAP LAMBERT Academic Publishing., ISBN: 978-3-659-43434-1.

Jasim M Salman, Fikrat M Hassan,Maysam A.Baee, Laboratory methods in Environmental &Pollution, University of Babylon ,Iraq, 2017.

Journal Publications:

Jasim M Salman, Maysam A Baiee, Alaa R Omran: *Experimental study to removal of methylene blue dye from aqueous solution by adsorption on eco-frendliiy materials*. International Journal of ChemTech Research 07/2016; 9(6).

- Alaa R. Omran, Maysam A. Baiee, Sarab A. Juda, Jasim M. Salman, Ayad F. AlKaim: *Removal of Congo red dye from aqueous solution using a new adsorbent surface developed from aquatic plant (Phragmites australis)*. International Journal of ChemTech Research 05/2016; 9(4).
- Jasim m. Salman, Fikrat M. Hassan, Ali A. Dou Abul: *Polycyclic Aromatic Hydrocarbon (PAHs) Concentrations in Some Aquatic Macrophytes in Hilla River, Iraq*. Journal of Environmental Protection 02/2016; 7(2).
- Jasim m. Salman, Maysam Alaa Baiee: *Effect of phosphorus concentration and light intensity on protein content of microalga Chlorella vulgaris*. Mesopotamia Environmental Journal 02/2016; 2(2).
- J M Salman: *Use of Aquatic Plant (Lemna minor) as Adsorbent Materials to Removal of Methylene Blue Dye from Aqueous Solution*.
- Fikrat M Hassan, Jasim M Salman, Maysam A Baiee: *Effect of Light Intensity on Biofuel Production from Green Alga Chlorella Vulgaris*.
- Jasim m. Salman: *Assessment of Water Quality by some Environmental Biomarkers in two Fish Species (Tilapia zilli, Aspius vorax) in Hilla River, Iraq*. Advances in Natural and Applied Sciences 10/2015; 9(8).
- Ayad Almamoori, Adi J. Abd Al-Rezzaq, Moayed J. Yass, Jasim M. Salman: *Morphological and Molecular Study of New record species of barnacle Amphibalanus amphitrite (Darwin, 1854) in Babylon Province, Iraq*. Advances in Natural and Applied Sciences 09/2015; 9(12).
- Jasim M Salman, Alaa R Amrin, Sarab A Jouda: *Mesopotamia Environmental Journal Aquatic Crustean shells as adsorbents for paraquate pesticide removal from its aqueous solution by thermal activation*. Mesopotamia Environmental Journal 08/2015; 1(4).
- Jasim m. Salman, Esraa Abdul-Adel: *Potential use of cyanophyta species Oscillatoria limnetica in bioremediation of organophosphorus herbicide glyphosate*. Mesopotamia Environmental Journal 08/2015; 1(4).
- Jasim m. Salman: *Adsorption Study of Cadmium on Water Melon Seed Shell by Flame Atomic Absorption Spectroscopy (FAAS)*. International Journal of Scientific and Engineering Research 06/2015; 6(5).
- Jasim m. Salman: *Removal of congo red dye from aqueous solution by using natural materials*. Mesopotamia Environmental Journal 05/2015; 1(3).
- Jasim m. Salman: *Environmental study of epiphytic algae on some aquatic plants in Al-Abasiya River, Iraq*. Mesopotamia Environmental Journal 05/2015; 1(3).
- Jasim m. Salman: *Distribution of Organochlorine Pesticide (OCPs) Residues in Water and Sediment from Euphrates River, Iraq*. International Journal of Advanced Research 04/2015; 3(4).
- Jasim m. Salman: *Removing the methylene blue dye from aqueous solutions by low cost materials*. International Journal of Advanced Research 04/2015; 3(4).

- Jasim m. Salman: *Environmental study of water quality and some heavy metals in water, sediment and aquatic macrophytas in lotic ecosystem, Iraq. Mesopotamia Environmental Journal* 03/2015; 1(2).
- Salman, JM, Abd- Al-Hussein, NA and Al-Hashimi: *ASSESSMENT OF WATER QUALITY OF HILLA RIVER FOR DRINKING WATER PURPOSE BY CANADIAN INDEX (CCME WQI)*.
- Ayad Almamoori, Jasim M. Salman, Randall Hughes: *The effect of acute exposure of Zn and Pb on some Biochemical markers in Fresh Water Snail (Viviparus bengalensis)*.
- Fikrat Hassan, Jasim M . Salman, Sara H . Abdulameer: *Seasonal Variation of Environmental Properties and Phytoplankton Community in Al- Hussainya River, Holly Karbala – Iraq*.
- Jasim m. Salman: *Spatial and Temporal Distribution of Benthic Oligochaeta In Euphrates River, Middle of Iraq*.
- Jasim m. Salman: *Spatial Variation of Composition and Distribution of Fish in Two Sites on Euphrates River ,Middle of Iraq*.
- Jasim m. Salman: *SPATIAL AND TEMPORAL DISTIRIBUTION OF BENTHIC OLIGOGHAETA IN EUPHRATES RIVER, MIDILLOF IRAQ*. Mesopotamia Environmental Journal 11/2014; 1(1).
- Jasim m. Salman: *Seasonal Variation of Environmental Properties and Phytoplankton Community in Al- Hussainya River, Holly Karbala – Iraq*. Mesopotamia Environmental Journal 11/2014; 1(1).
- Jasim m. Salman: *The effect of acute exposure of Zn and Pb on some Biochemical markers in Fresh Water Snail (Viviparus bengalensis)*. Mesopotamia Environmental Journal 11/2014; 1(1).
- Jasim m. Salman: *Bioethanol Production from Green Alga Chlorella Vulgaris Under Different Concentrations of Nitrogen*.
- Jasim M Salman, Fikrat M Hassan, Sheimmaa J Hadi, Ahmed A Motar: *Copyright © 2014 An Ecological Study of Epiphytic Algae on Two Aquatic Macrophytes in Lotic Ecosystem*.
- Fikrat M Hassan, Jasim M Salman, Atheer S N Al-Azawey, Nadhir Al-Ansari, Sven Kutsson: *Quality, Quantity and Origin of PAHs (Polycyclic Aromatic Hydrocarbons) in Lotic Ecosystem of Al-Hilla River, Iraq*.
- Jasim M Salman, A Randall Hughes, Ayad M J Almamoori: *SEASONAL VARIATIONS OF HEAVY METALS IN WATER AND TWO SPECIES OF MOLLUSCS IN AL HILLA RIVER, IRAQ*.
- Jasim M Salman, Thura M H Al-Yassiry, Fikrat M Hassan: *Ecological Observation on Phytoplankton Species Composition in Wastewater Treatment Plant / Iraq*
*Corresponding Author. International Journal of Advanced Research 09/2014; 2(8).

- Fikrat M Hassan, Jasim M Salman, Thura M H Al-Yassiry: *Ecological Observation on Phytoplankton Species Composition in Wastewater Treatment Plant / Iraq .*
- Fikrat M Hassan, Jasim M Salman, Atheer S N Al-Azawey, Nadhir Al-Ansari, Sven Kutsson: *Quality, Quantity and Origin of PAHs (Polycyclic Aromatic Hydrocarbons) in Lotic Ecosystem of Al-Hilla River, Iraq.*
- Jasim m. Salman, Ahmad J.Nasar: *Distribution and Density of Zebra Mussels (Dreissena Polymorpha Pallas, 1771) and Related Some Environmental Properties in Euphrates River, Iraq.*
- Jasim m. Salman: *Ecological Observations on Epipellic Algae in Euphrates River at Hindiya and Manathira, Iraq.* International Journal of Advanced Research 05/2014; 2(4).
- Fikrat Hassan, Jasim M . Salman, Sara H . Abdulameer: *Seasonal Variation of Environmental Properties and Phytoplankton Community in Al-Hussainya River, Holly Karbala – Iraq.* Mesopotamia Environmental Journal 01/2014; 1(1).
- Jasim m. Salman: *SPATIAL AND TEMPORAL DISTRIBUTION OF PHYTOPLANKTON AND SOME RELATED PHYSICAL AND CHEMICAL PROPERTIES IN AL – ABASIA RIVER (EUPHRATES), IRAQ.*
- Jasim M Salman, Hassan J Jawad, Ahmmed J Nassar, Fikrat M Hassan: *A Study of Phytoplankton Communities and Related Environmental Factors in Euphrates River (between Two Cities: Al-Musayyab and Hindiya), Iraq.* Journal of Environmental Protection 11/2013; 4(10). DOI:10.4236/jep.2013.410123
- Fikrat M. Hassan, Maysoon M. Saleh, Jasim M. Salman: *A Study of Physicochemical Parameters and Nine Heavy Metals in the Euphrates River, Iraq.* E-Journal of Chemistry 07/2010; 7(3). DOI:10.1155/2010/906837

Conference Proceedings:

- Jasim m. Salman: *Abstracts -6th International Conference for Environmental Science ,University of Babylon,2015.* 6th International Conference for Environmental Science ,University of Babylon, University of Babylon ,Hilla,Iraq; 12/2015
- Abbas Jassim Lafta, Ahmed F. Halbus, Jasim M. Salman, Zahraa H. Athab, Falah M. Hasan, Ahmed M. Kamil, Falah H. Hussein: *Equilibrium Isotherm and Thermodynamic Studies of Congo Red Adsorption onto Ceratophyllum Demersum.* Annual symposium of Babylon University, Babylon,4-2015, Babylon University, IRAQ; 04/2015
- Jasim m. Salman: *2nd International conference of natural airborne dust.* The 2nd International Scientific Conference on Natural Airborne Dust; 05/2014
- Fikrat M Hassan, Jasim M Salman, Atheer Al-Azawey: *This Study of Some Macrophytes as Bioindicators to pollution by PAHs in Al-Hilla River, Iraq.* International Conference on Environmental and Occupational Health, ICEOH 2014, Department of Occupational Safety and Health Ministry of Human Resources Malaysia; 04/2014

JASIM.M.SALMAN: *2nd International Conference of Chemistry, University of Basrah College of Science. 2nd International conference of Chemistry 2014; 03/2014*

Jasim m. Salman: *proceedings_ISEG_2012_Vol_III.pdf. Proceedings of the XII International Symposium on Environmental Geotechnology, Energy and Global Sustainable Development, California state university ,Los Angeles ,USA; 06/2012*

- Activities and membership of professional organizations:

- 1- -Iraqi Biological society.
- 2- -Iraqi Environmental protection society.
- 3- International Water History Association (IWHA) , Netherland.
- 4- Scientific committee –Biology dep. Coll. Of Science kufa univ..
- 5- -Scientific committee –Biology dep. Coll. Of Science Babylon univ.
- 6- -Member committee of post gradate students at coll. Of science – Babylon univ.
- 7- Member committee of Biology dep. Conceal-coll. Of science – Biology dep.
- 8- -Member of examination committee , coll. Of science – Babylon Univ. .
- 9- - External Examination committee of M.Sc. and Ph.D. Degree student coll. O f Science ; Education and Agriculture ,Universities of Baghdad ;Basrah ;Babylon ; Al- Qadysia. Thi-Qar University& Kufa university .
- 11- Teaching in undergraduate and post graduate in biology department the fallowing subjects :
(Ecology and pollution; ecosystems ; fresh water biology ; plant and animal ecology; aquatic ecology; terrestrial ecology ; ecology of plant ; limnology ; ecology of algae; Environmental pollution ,fresh water biology .) .
- 12 .ordinator of Biology Dep. Coll of Science –Babylon University.2010-2011.
- 13- Director of Environmental Research Center (LERC)- University of Babylon –(25/12/2011) – (4/1/2018).
- 14- Member of Conceal of Environment Protection & Development in Babylon Provinous , Iraq.
- 15- Member of Babylon University Consuela.
- 16- Member of American Society of Environmental Giotechnology ,USA.
- 17-Member of Ecological Society of America esa ,Washington DC, USA.

Research supervisor of post- graduate student projects:

- 1- Ecological study of periphyton algae in Hilla river- IRAQ and possible used as Biomarker of aquatic pollution . M.Sc. .Biology dep. Coll. Of Science –Babylon Univ. ,2009- 2010 .
- 2- Used the aquatic plants as bioindicators of heavy metals pollution in Euphrates River. M.Sc. Biology dep. Coll. Of science Babylon Univ. 2010.
- 3-Environmental study of Community of Algae in Euphrates river- mid. Of IRAQ. Ph.D. –Biology dep. Coll. Of Science – Babylon univ.
- 4- Biogeochemical accumulation of PAHs in Hilla river ,Iraq. Ph.D. thesis Babylon Univ..
- 5-Ecological assessment of drinking water quality in some plans in Babylon pronouns . Ms.C. Thesis coll. Of Science ,Babylon University.
- 6- Environmental biomarker of some mollusks as a tool of bio monitoring of heavy metals pollution. Ph.D. Thesis coll. Of Science ,Babylon University.(supervision with Florida State University ,USA)
- 7- Study of ecology and diversity of mollusks species in Euphrates river. Ms.C. Thesis coll. Of Science ,Babylon University.
- 8- Ecological and Systematical study of Epiphytic algae in Al-Abasia River .Iraq. Ph.D. Thesis coll. Of Science ,Kufa University.
- 9- Diversity of aquatic plants and application of water quality indices inHilla River .Iraq. Ph.D. Thesis coll. Of Science ,Babylon University.
- 10-Ecological assessment of wastewater in Hilla city by Canadian model and algae, M.Sc. thesis, college of science ,University of Babylon.
- 11-Production of bioethanol from green alga *Chlorella vulgaris*, M.Sc. thesis, college of science ,University of Babylon.
- 12-Use of Cynophytae in bioremediation of herbicide glyfosate , M.Sc. thesis, college of science ,University of Babylon.
- 13-Concentration of organochlorine pesticide in water, sediment and biota in Euphrates river, Ph.D. thesis, college of science ,University of Babylon.
- 14-Assessment of water quality in Hilla river by use some environmental biomarker, M.Sc. thesis, college of science ,University of Babylon.
- 15-Biological activity of reactive compounds in some species of blue green algae, M.Sc. thesis, college of science ,University of Babylon.

16-Bioremediation Of soil polluted by polycyclic aromatic hydrocarbons
PhD. thesis, college of science ,University of Babylon.,

Scientific Conference

- 1- Eighth scientific conference of Babylon univ. ,23-25 April ,2002.
- 2- The 2nd conference about Iraqi environmental pollution. Iraqi environmental protection association , 21 Nov. 2006.
- 3- The third national conference on environment and natural resources . coll. Of science –Basrah Univ. –Iraq ,7-8/nov. 2007.
- 4- The first scientific conference of pure and applied science , Kufa Univ. –Iraq, 12-13 March 2008.
- 5- The first scientific conference of coll. Of science .Al-Qadasia Univ. , 26-27 March ,2008
- 6- The fourth scientific conference ,Karbala Univ. –Iraq ,19-20 April 2008.
- 7- The 10th annual scientific conference of the University of Babylon-Iraq. 6-7 May 2008.
- 8- The third annual conference of applied science .coll. of science Babylon Univ. , 21-22 May 2008.
- 9- The fifth international conference on biological science ,Faculty of Science,Tanta University –Egypt(session 2 phycology) ,5-6 Nov. 2008.
- 10- 5th congress of scientific research outlook in the Arab world : Environment and Marine Science conference (000EMSC) , 28-29 October 2008 ,Faze- Morocco.
- 11- First scientific conference for pure science , coll. Of science –Kirkuk Univ.- Iraq ,24-25 February 2009.
- 12- The second international conference of Minia (The environment and developing the society in the countries of the third world),Minia University – Egypt , 2-3 March 2009.
- 13- The 6th Scientific conference of Fisheries Resources , Basrah Univ. – Iraq (session 9 : water quality and pollution) 3-4 March ,2009.
- 14- Fourth scientific conference , coll, of science – Babylon Univ. – Iraq ,27-28 May ,2009.
- 15- Fourth National conference on Environment and Natural Resource , coll. Of Science , Basrah Univ. –Iraq ,4-6 January , 2010.

- 16- National conference about the environmental problems, Ministry of higher education and scientific research, Baghdad university, 17 April -2010.
- 17-Arab Chemistry Conference The 15th, Albaath University, Homs Syria. 20-23 may,2010.
- 18- Fifth scientific conference , coll, of science – Babylon Univ. – Iraq ,19-20 May ,2010.
- 19- 17th international conference of energy and environment ,Istanbul ,15-17-Jun. 2011, Turkey.
- 20-International Environmental pollution and Desertification Conference ,University of Kerbala , 22-23 November 2011.
- 21 -5th National conference of Environment & Natural Resources , Coll. Of Science ,Basrah University ,24-26 February 2012.
- 22- 1st. conference of Biology ,Coll. Of Science ,Baghdad University , 6-7 March ,2012.
- 23- 2nd. Scientific Conference of Agricultural Science , Coll. Of Agriculture ,Basrah University, 22-23 March ,2012.
- 24- 1st. Scientific Conference of Biology ,coll. Of Science , Thi-Qar University, 18-19 April 2012.
25. The 4th. Kurdistan Conference on Biological Science, University of Duhok , Faculty of Science , Kurdistan Region ,Iraq. 8-10 May ,201
26. The Annual International water conference Jourden university , May 13-17,2012.
27. IXII International symposiumo of Energy and Environmental Geotechnology , California state university – Los Angeles, USA, 27-30 jun. 2012 .
- 29- International Conference of biodiversity and climate change ,Aubo – Dabi ,UAE, November ,2013.
- 30- 4th conference of environmental Science ,Environmental research center ,university of Babylon , December ,2012.

Curriculum Vitae

Prof.Dr.Jasim M.Salman

- 31- 5th International conference of Environmental Science ,Environmental research center ,university of Babylon , November ,2013.
- 32-6th International conference of Environmental Science ,Environmental research center ,university of Babylon , December ,2014.
- 33- National conference for Science &Arts,University of Babylon , October ,2016.
- 24-International Conference for Science ,University of Karbala , February,2017.