



Personal Information	
Full Name	Nawal Mahgoub Suliman Mohammed
Birth Date	4.1.1963
Birth Place	Mahmiya
Specialization	Chemistry
Position	Assistant Professor
Address	Chemistry Department Faculty of Education P.O.box 406 Omdurman
Email	nawal.mahgoub@uofk.edu
Phone	0965321772
Faculty	Education
Department	Chemistry
Links	Google Scholar <a href="https://scholar.google.com/citations?user=jxqQ7vAAAAAJ&amp;hl=ar">https://scholar.google.com/citations?user=jxqQ7vAAAAAJ&amp;hl=ar</a> Research Get <a href="https://www.researchgate.net/profile/Nawal_Suleman">https://www.researchgate.net/profile/Nawal_Suleman</a>

Qualification Information	
<b>Bachelor</b>	Bachelor of science and education with honors degree Second class –Division 1( Chemistry) -Faculty of Education –Khartoum (1988/12/15) –University -Sudan
<b>Masters</b>	MSc in Chemistry- Graduate College –Khartoum .(1995/10/18) UniversitySudan
<b>Doctorate</b>	Ph.D. in Chemistry- Ibn Alhaitham Faculty of Education – (2000/7/6) Bagdad University -Iraq
<b>Expertise</b>	<p>Teaching Assistant- Faculty of Education –Khartoum University - .(2000/7/2-1990/10/1)</p> <p>Assistant Professor: Chemistry Department- Faculty of - Education –Khartoum University (3/7/2000-1/9/2002). - study of chemistry curricula) - Faculty of Education –Khartoum .(2.5.2001) University</p> <p>Assistant Professor at the University of Riyadh for Girls College - of Education in Zulfi from 2002 - 2011. (Head of the Department of Chemistry 2008 - 2010)- Saudi Arabia</p> <p>- Assistant Professor: Zulfi Faculty of Education – .(2017/6/5- 2002/9/1) Majmmah University - Saudi Arabia</p> <p>- Assistant Professor: Zulfi Faculty of Science –Majmmah .(2018/6/2017-5/6/5) University- Saudi Arabia</p> <p>Member of the Quality Team, Department of Chemistry- Zulfi- Faculty of Education –Majmmah University- Saudi Arabia</p> <p>Coordinator of the Unit of Scientific Research and Graduate- Studies Zulfi Faculty of Education –Majmmah University Zulfi Faculty of Education –Majmmah University- Saudi Arabia</p> <p>Community Service Coordinator- Zulfi Faculty of Education – - Majmmah University- Saudi Arabia</p> <p>Coordinator of the electronic portal of the Department of- Chemistry- Zulfi Faculty of Education –Majmmah University- Saudi Arabia</p> <p>Member of the Planning Committee, Department of Chemistry- - Zulfi Faculty of Education –Majmmah University- Saudi Arabia</p> <p>Member of the Employment Committee, Chemistry- .Department- Zulfi Faculty of Education –Majmmah University Saudi Arabia</p> <p>Assistant Professor: Chemistry Department- Faculty of - .Education –Khartoum University (2/12/2018-now)</p> <p>Coordinator of primary <u>Bachelor of science and education</u>( - science/mathematics and mathematics/science Faculty of (2019/1/17) Education –Khartoum University</p>
Academic Information	
<b>Teaching</b>	<p>(1) Organic Chemistry-</p> <p>(2) Organic Chemistry</p> <p>Physical organic chemistry-</p> <p>Heterocyclic chemistry -</p> <p>Polymers and oil-</p> <p>Natural products-</p> <p>Spectra of organic compounds-</p> <p>Mechanics of organic reactions-</p>

<b>Supervision</b>	<ul style="list-style-type: none"> <li>- Co-supervisor of a Master thesis (Determination of Trace Elements in Ground Water by Two Preconcentration Methods Using Atomic Absorption Spectrometry- Faculty of Education – .(2004/6.11) Khartoum University</li> <li>- Co-supervisor of a Ph.D. thesis Eiman Mubarak Synthesis and characterization of Environmentally Friendly Composites from (2022) Polypropylene and Some Esterified Plant's Fiber</li> </ul>
<b>Administrative</b>	<ul style="list-style-type: none"> <li>- Head of Department: Chemistry Department -Faculty of .(2002/9/2001-1/4/1) Education –Khartoum University</li> <li>- Head of the Department of Chemistry - College of Education in - Zulfi - University of Riyadh for Girls from 2008 - 2010- Saudi Arabia</li> <li>- Head of Department: Chemistry Department -Faculty of .Education –Khartoum University (1/11/2022-now)</li> </ul>
<b>Scholarships</b>	Ph.D. Study,Iraq,1996
<b>Grants</b>	<ul style="list-style-type: none"> <li>- Sixth position - Dean of the Faculty of Education in Zulfi for the academic year 2010-2011, Majmaah University, Saudi Arabia</li> <li>- ,First position - Prize of Zulfi Faculty of Education 2015 Majmaah University, Saudi Arabia</li> <li>- First position - Award of the Director of the University of the Quality and excellence of 2015, Majmaah University, Saudi Arabia</li> <li>- First position at the university level in activating the e-learning system 2015, Majmaah University, Saudi Arabia</li> </ul>

<p><b>Publications</b></p>	<p>Nawal M.Suliman , Abuelgasim Abbaker Abed Elrasoul -1 Mohammed and El Jali El Obeid El Hasssn. Preparation of some polyamides of diaminodibenzo-18-crown-6 and studying their liquid crystalline properties, J.of .Ed. U.of Khartoum), 2012; 6, .422</p> <p>Nawal Mahgoub Suleman ,Uses of some monomers and -2 polyamides of aminodibenzo-18-crown-6 in solid-liquid extraction of potassium permanganate, dichromate, chromate, thiocyanate and nitrate , 2012, Sudan Journal of Science .1-12,)1(SJS,5</p> <p>3- Nawal M Suleman, Ibtihag A Mohammad, Sultanah S Almesned, Alanood A Aljaghwanimeasurements of Some Trace Elements in Street Dust from Hai Elsdeeg and Smnan in Zulfi Province at Saudi Arabia Using Inductively Coupled 135- ,)6(PlasmaMass Spectrometer. World Environment; 2012; 2 139</p> <p>4- Nawal M Suleman, Ibtihag A Mohammad, Sultanah S Almesned, Alanood A Aljaghwanisome Trace Elements in Zulfi 10-13 :)1(Streets Dust .American Journal of Chemistry ;2013, 3</p> <p>5- Nawal M. Suleman, Spectroscopic Determination of Some Trace Elements as Pollutants in Fruit Dates Palm and Agricultural Soils at Zulfi Province(Saudi Arabia), Science Journal of 11-16 :)3(Analytical Chemistry, 2014; 2</p> <p>Amani H. Ahmed and Nawal M. Suleman , Monitoring And-6 Determination of Heavy Metals as Pollutants in Tomato Agricultural Greenhouse Soils at Zulfi Province, International .Journal Scientific Research, 4, - 340-343 ,2015</p> <p>Mohamed Ezeldin, Abdelnabi A. Elamin, Ali M. Masaad, -7 Nawal M. Suleman, Alsiddig O. Ahmed, effect of x-ray radiation on some physicochemical characteristics of diesel fuel. American ,2862-2870 ,)12(Research Thoughts; 2015, 1</p>
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 Nawal M. Suleman, Determination of Some Heavy Metals in  
 Raw Petroleum Wastewater Samples Before and After Passing on  
 Australis Phragmites Plant. American Journal of Environmental  
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Nawal M. Suleman, I. ElAgib, Quantitative and Qualitative -10  
 Analysis of Sand in Nafud Desert at Zulfi Province using  
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, Abdelnabi A. Elamin , Mohamed Ezeldin, Ali M. Masaad-11  
 Nawal M. Suleman, Effect of Magnetic Field on Some Physical  
 Characteristics and Cetane Number of Diesel Fuel, American  
 .212-216 :6(Journal of Applied Chemistry 2015; 3

12- Atta G. Attaelmanan·Nawal M. Suleman·Ibrahim A. El  
 Agib·Hamed An Al-Sewaidan. Assessing silicon deposits in Zulfi  
 province, Saudi Arabia, using XRF and XRD techniques:  
 Assessing silicon deposits using XRF and XRD techniques, XRay  
 .325-329 ,6(Spectrometry; 2016. 45

13- Drs.Eljack, Alfayes, Suleman and Alabdan. Organic  
 Chemistry Virtual lab, International Journal of (\*) Mathematics  
 323–309 ,1(and computer Science,15

14- .Sumia A. Nimir , Dr. Eljali Elobeid Elhassan , Nawal M  
 Suleman , Nada Omer Abdellah (2020). Analysis of some  
 Heavy Metals in Soil samples collected from Elabedia Traditional  
 Gold Mining area- Sudan. Journal of Scientific and Engineering  
 .58-64:)3(Research, 7

15- Elnazeer H.M. Elageed , Abuelgasim A.A. Mohammed ,  
 Guohua Gao , Nawal M. Suleman . One-pot conversion of  
 arylamines, DEC and ethylene oxide to oxazolidinones catalyzed  
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16- Nawal M. Suleman .The extent of trace metals pollution  
 in fruits dates palm and associated soil of Zilfi Province, Saudi  
 Arabia. Journal of The Faculty of Science and Technology  
 .40-47 ,6( JFST 2019.

17- Eiman M Eltyeb, Ibrahim M Ahmed, Aluelgasim AA  
 Mohammed, Nawal M Suleman. Determination of protein  
 structures, content, moisture content and lead amount in eight  
 commercial Nile fish in Khartoum state-Sudan. Journal of  
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18- .Eiman M. Eltyeba, Abuelgasim A. A. Mohammed and  
 Extraction and characterization of crude fiber from khimp  
 (leptadenia pyrotechnica) and date palm tree (phoenix  
 dactylifera.) and screening their  
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19- Abuelgasim A.A. Mohammed.Elnazeer H. M. Elageed,  
 and Nawal M. Suleman.Reaction of Benzyl Phenacyl Sulphide  
 with  
 Ethanolic Sodium Hydroxide. Journal Faculty of  
 246-280,2021 ,2(Education.17

20- Nawal M. Suleman .Preparations of some Models and  
 Polyschiff-bases of Dibenzo-18-crown-6,two Polyamides of

	<p>Diaza-18-crown-and Studying their Liquid Crystalline Properties(Acceptable for publication)</p>
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<p><b>Participation in conferences and scientific symposia</b></p>	<p>Environmental pollution and its impact on the health of the - individual-Girls Faculty of Education –Riyadh -22-23/3/2005 Arabia -19-21/11/2011</p> <p>Scientific meeting (biofuels: pros and cons) - King Abdul Aziz-City, Riyadh, Saudi Arabia ,15/4/2012</p> <p>First International Conference of the University of Majmaah - (scientific disciplines in emerging universities challenges and solutions) - Zulfi - Saudi Arabia ,18 / 11/2012</p> <p>,International Workshop on Advance Material for Sensors- ,Electronic Devices and renewable Energy Nagran University, Saudi Arabia-14-16/5/2012</p> <p>- Second Conference on E-learning and Distance .Education – Riyadh - Saudi Arabia ,21-24/2/2011</p> <p>- Fifth International Conference on Chemistry– Abha – Saudi Arabia -26-29/4/2014</p> <p>Forth Conference on E-learning and Distance Education –Riyadh- Saudi Arabia -2-5/3/2015</p> <p>The Forum Development and Quality: The Experiments of Saudi- Universities, Shagra University, Saudi Arabia .11/12/2015</p> <p>- Six International Conference on Chemistry– Riyadh – Saudi Arabia 8-10/11/2016</p> <p>Attended an e-training workshop, titled Oxford Journals and - Oxford Scholarship Online -4/5/2015, which is hold by The Saudi .Digital Library</p> <p>Attended an e-training workshop, titled Research to Publication - (The Basic) Online -3/4/2015, which is hold, by The Saudi .Digital Library</p> <p>- The first graduate forum (Future visions and global (experiences Princess University Noura bint Abdulrahman, Saudi Arabia, 2013/12/19</p> <p>- Symposium of distinguished experiments at the Faculty of ,Science and Humanities - Houta Sudair –Majmaah University Saudi Arabia 6/4/2015</p> <p>Forum of development and quality - Experiences of Saudi - universities - Shakra University, Saudi Arabia-12 / 10/2015 -Fifth Conference of the Faculty of Education, University of (2018/2/1/1/30) Khartoum, Sudan</p> <p>Nawal M. Suleman(2019). Analysis of sand in Nafud desert - province, Saudi Arabia . The Fifth International Scientific Conference “Advances in Synthesis and Complexing 22 - 26 Apr БК 24.2 Y78,50. Moscow, Russia (book of abstracts ) - .2019 Suleman N. M., Eltyeb, M.E. and. Mohammed A.A.A Extraction and Characterization of crude fiber from Khimp (leptadenia</p>
	<p>pyrotechnica) and Date palm tree (Phoenix dactyliferaL.) and Screening their phytochemicals .The Sixth International Scientific Conference “Advances in Synthesis and Complexing”. . Moscow, Russia, 26-30 September 2022 <a href="http://conferencerudn.com/wp-content/uploads/2022/09/book-ofabstracts_2.0.pdf">http://conferencerudn.com/wp-content/uploads/2022/09/book-ofabstracts_2.0.pdf</a> (book of abstracts )</p>

<b>Training courses</b>	<ul style="list-style-type: none"> <li>- (Electronic calendar tools) at the National Center for eLearning in Riyadh, on 18/4/2010</li> <li>- Workshop on preparing for the academic year 2010-2011 at the College of Education for girls in Majmaah / University of Majmaah (September 2010)</li> <li>- Training Course (Jawsour Education Management (System National Center for e-Learning and Distance Education 4/6/2014</li> <li>- Virtual classes in the bridges - National Center for e-learning in Riyadh 10/4/2011</li> <li>- Workshop - concepts and terms in total quality - Zulfi College of Education, 29-30 / 12/2010</li> <li>- Designing effective presentations in e learning using the PowerPoint - National Center for e-learning in Riyadh -10/ 4 / 2011</li> <li>- Development of training skills - Majmaah University – /2-4/30 2011/5</li> <li>- Scientific methods for the design and discharge of questionnaires using the program spss- Deanship of e learning at the University of Majmaah -6 / 6/2011</li> <li>- Positive feedback in return for negative feedback - Quality and Development Agency at the Faculty of Education in Zulfi - 2013/11/14</li> <li>- Chemistry applications in computer (Chemsketch) – Zulfi Faculty of Education -23/ 4/2013</li> <li>- Design of interactive educational units using the program (Articulate) - Deanship of e- learning at the University of Majmaah-24/4/2013</li> <li>- Description and report of courses and programs - University of Majmaah (Zulfi Branch) -31 / 3/2012</li> <li>- Motivating students to education - Zulfi College of Education 20/3/2012</li> <li>- Preparation and development of study programs (bachelorgraduate) - Zulfi Faculty of Education -6/2/2012</li> <li>- Use of smart board - Zulfi Faculty of Education -4 / Integration of technology in university teaching - Zulfi - 2012/9 Faculty of Education - 6/1/2013</li> <li>- Electronic Education System and Tools - Zulfi Faculty of Education -14 / 10/2012</li> <li>- Workshop: The art of ethics of educational dealing in the – virtual society - Zulfi Faculty of Education 2013/2/20</li> <li>- . Use of IPAD in education professionally Majmaah University- Saudi Arabia ,17/10/2014</li> <li>- 3D presentations using Aurora 3D- Majmaah University. Saudi Arabia 6/4/2015</li> <li>- E-learning system D2L Majmaah University - Saudi Arabia - 6/9/2015</li> <li>- Adobe Connect - Majmaah University . Saudi Arabia 2015/9/16</li> <li>- Electronic content development system LCS .Majmaah University- Saudi Arabia ,7/10/2015</li> </ul>
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	<ul style="list-style-type: none"> <li>- Build and design educational content using Zenler Studio Pro</li> <li>Plus- Majmaah University. Saudi Arabia, 19/10/2015</li> <li>- Interactive educational means - Majmaah University. Saudi Arabia 21/2/2016</li> <li>- Evaluation methods - Majmaah University. Saudi Arabia 2017/11/2</li> <li>- Building and measuring learning outcomes - Majmaah University. Saudi Arabia 22/11/2017</li> </ul>
<b>Membership of scientific societies</b>	<ul style="list-style-type: none"> <li>- Sudanese Chemical Society of – Khartoum-1.7.2016</li> <li>- Saudi Chemical Society – Riyadh-25/2/2016</li> <li>- Organization for Women in Science for the Developing World (OWSD)-18/11/2013</li> </ul>