

The Higher Centre of Water Affairs • Al-Agelat, PO Box: 309 • Libya
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NURI.A.KH.EHFAED

Personal Information

- Nationality: Libyan
- Degree/ PhD
- E-mail : NURIAFEED@YAHOO.COM

QUALIFICATION

- PhD. Environmental Engineering (2020) perlis University Malaysia
- M.Sc in Environmental Engineering (2010) Higher Studies Academy Tripoli, Libya
- B.Sc. in Chemical Engineering (1996), Sirte University, Libya

Educational experience

A- Teaching:

- Member of teaching and training Staff in The Higher Centre of Water Affairs • Al-Agelat. Libya (1998 till present time)
- Department head of (Self Resources Department) The Higher Centre of Water Affairs, Al-Agelat. Libya
- Department head of the petroleum chemicals (210-2013) The Higher Centre of Water Affairs, Al-Agelat. Libya

B– Practical: -

- Good experience in chemical Analysis using traditional and modern methods
- Good experience in Spectrum Analysis (ASS) and Ultra Violet Spectroscopy & Visual (UV)
- Usage of PRESSURIZED MICRO WAVE DECOMPOSITION SYSTEM for sample DIGESTION (PMD)
- Analysis samples using MERCURY ANALYSIS

Professional and Training courses

- Automatic chemical Analysis using Atomic Absorption Technique (ASS) in The Higher Centre of Water Affairs (2006)
- Automatic chemical Analysis using Ultra Violet Spectroscopy & Visual Technique (UV) in The Higher Centre of Water Affairs (2006)
- Programming Course in (COBOL) .(1988)
- Automatic chemical Analysis using (MICRO WAVE) Device (PMD) in The Higher Centre of Water Affairs (2008)

LIST OF PUBLICATIONS

1. Functionalization of Si Nanowire Surfaces to Create Interactive Mechanism for Heavy Metals Detection Application To cite this article: Nuri A KH Ehfaed et al 2018 IOP Conf. Ser.: Mater. Sci. Eng. 454 012180
2. Design, Fabrication and Characterization of silicon Nanostructures for Lead (Pb⁺) ion detection to cite this article: Nuri A KH Ehfaed et al 2018 IOP Conf. Ser.: Mater. Sci. Eng. 454 012181
3. Amino-propyltriethoxy silane Modified Heavy Metal Sensor Based on Silicon Nanowire Arrays to cite this article: Nuri. A.KH. Ehfaed et al

2018 IOP Conf. Ser.: Mater. Sci. Eng. 454 012080

4. Specific and selective target detection of supra-genome 21 Mers Salmonella via silicon nanowires biosensor Conference Paper in AIP Conference Proceedings · September 2017 DOI: 10.1063/1.5002390
5. Optimization and validation of highly selective microfluidic integrated silicon nanowire chemical sensor Conference Paper in AIP Conference Proceedings · September 2017

Computer Skills

1. Good experience in Microsoft Office Applications as:

Power Point, Word Processor, Excel, Access.

Languages Proficiencies

English –. good in all four skills.

Arabic- Native/bilingual

Personal interests

- Keep up with all the new water pollution
- Nano-technology
- Chemical sensor

References

1. **Dr. TIJJANI ADAM**

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2. Assoc. prof. NIK NORIMAN

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