

RUQAYAH GRMASHA
Hiila, Babylon, Iraq, 5001
Email: ruqayah.grmasha@uobabylon.edu.iq

Education

- Master of Engineering Science, majoring in Water, Wastewater & Waste Engineering at The University of New South Wales, Sydney (Mar 2015 – Dec 2017).
- Advanced Academic English course at the University of New South Wales Institute of Languages (Apr/2014 to Dec/2014)
- B.Sc. in Environmental Engineering, Babylon University (2007-2011), ranked 3 out of 40 for the first sitting.

Research Topic in Master of Engineering at UNSW

Supervision by Dr. Stuart Khan

- Algal and Cyanobacteria Blooms in a Parramatta River in Sydney, Australia (2016)
- **38.5%** of the masters degree spent on research at UNSW.
- Potential Development of a fact sheet for the Epichlorohydrin (ECH) based on the Australian Drinking Water Guideline.

Research Topics in Bachelor of Science at Babylon University

Supervision by Professor Khalid Hashim

- Evaluation of waste incineration for Hilla City hospitals Babylon / Iraq (2011)

Awards

- Chosen by UNSW institute of language to be a model on their official lectures in terms of presenting (2014).
- In recognition of my high academic achievements, I was awarded a full tuition Scholarship to study in Australia, from the Iraqi Government Higher Committee for Educational Development (Prime Minister) (2013).
- Outstanding Service Award for contribution to campus activities including volunteers work and organising events.

Employment Experience

Researcher and Academic staff
Environmental Research and Studies Center
Babylon University, Iraq

October 2018- permanent

- Conducting Research in the field of Environment

- Solving several Environmental issues that facing Babylon city such as illegal wastewater disposal and pollutions and find out the best techniques to mitigate the problems.
- Lecturer at the department of Environment Engineering

Environmental Engineering

Climate Risk (Sydney)

May 2017 –June 2017

- Assessing the climate change effect for specific product.
- applying alleviation strategies to mitigate the risk.
- determining the ecological foot print.
- Life Cycle Analysis.

ENGINEER

Babylon Governorate, (Babylon, Iraq)

Mar 2012 - Feb 2014

- Monitoring water and wastewater projects in Babylon City with budget of 3 billion.
- Implementing Occupational Health and Safety Standards on all water and wastewater projects.
- Making sure all the projects are delivered within deadlines.
- Managing onsite contractors and ensuring that work carried out is to highest possible standard

Volunteering

Research Assistant

June - Jul 2017

The University of New South Wales, Sydney, Australia

- Helping researcher collecting required data.
- Developing methods for any given topic related to Life Cycle.
- Conducting Environment Managements Methods.

Software

- Simapro
- Gabi
- Microsoft office
- EndNote
- ChemOffice
- Prism
- Using GC-MS/MS

Courses taken at UNSW

- Water & Wastewater Analysis (CVEN9855)
- Water Treatment (CVEN9856)
- Wastewater Treatment (CVEN9857)
- Sustainability & Risk Analysis (CVEN9892)
- Life Cycle Engineering (GSOE9340)

- Project A CVEN9931 (master thesis)
- Project B CVEN9932 (master thesis)
- GSOE0012 project
- GSOE9010 Engineering postgraduate skills
- Ground water investigation
- Environmental Management CVEN9888