

## CURRICULUM VITAE

**Mohd Saleh Shattyyan Mahafdah**  
**Ph.D.in Environmental Technology and**  
**Management**



### PERSONAL INFORMATION

Date of birth: 1 May 1977  
Place of birth: Safi-Karak, Jordan  
Citizenship: Jordanian  
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### ACADEMIC QUALIFICATIONS

- **Doctor of Philosophy in Environmental Technology and Management**, University Malaysia Terengganu, Malaysia, 2018. Major Field: Water Resources Management.  
Dissertation Title: "Climate Change Impact on Water Resource Management in Southern Part of Dead Sea Region-Jordan".
- **Master Degree in Environmental Science and Management**, University of Jordan, Jordan, 2012, (Very Good). Major Field: Water Resource Management.  
Dissertation Title: "Irrigation Water Management in Ghor Safi Area".
- **Bachelor Degree in Botany**, Aligarh Muslim University, India, (Second Division).

### EXPERIENCE

- Research Assistant, University Malaysia Terengganu, Malaysia, March 2016 - February 2018.
- Ass. Professor At Jerash University- Faculty of Agriculture-Climate Change and Sustainable Agriculture and Food Security (Master Program). 2021-present.

### TEACHING EXPERIENCE

I have taught different course in Environmental Science and Management and Climate Change for Graduate Students (Master Program). These courses are listed below:

- Application of GIS & RS in Climate Change, Sustainable Agriculture and Food Security.

- Climate Change Mitigation& Adaptation.
- Climate Change Sustainable Agriculture and Food Security.
- Sustainable Management of Soil& Water.
- Consumers behaviours ,Food Security and Marketing.
  
- I have taught different courses in Science topics at the Secondary School level. These courses are listed below:
  - Biology
  - Chemistry
  - Earth Science
  - Physics

## **PUBLICATIONS**

**-Future Scenario of Spatiotemporal Changes in Land Use and Land Cover Using CA-Markov Model, GIS and Remote Sensing Applications.**

**-Perception Of Farmers On Irrigation Water Management In Semi-Arid Region Impacted By Climate Change-A Case Study Of Southern Dead Sea Area, Jordan.**

**-Irrigation Water Management In Semi-Arid Regions- Case Study Jordan.**

**-Digital transformation for Petra tourism: overcoming challenges and seizing opportunities in southern Jordan.**

**- ASSESSMENT and Monitoring of the Dead Sea Surface Area and Water Level Using Remote Sensing and GIS Techniques.(Under process -Submitted).**

## **RESEARCH INTERESTS**

- Water Resource Management and Water Management Modelling
- Irrigation and Drinking Water Management
- Climate Change
- GIS, Prediction and Forecasting Models
- Eco- systems and EIA

## **REFERENCES**

- Elias Salameh, Professor of hydrogeology and hydrochemistry,at the University of Jordan, Jordan. E-mail: salameli@ju.edu.jo.
- EdlicSathiamurthy, Associate Professor of Hydrology, at School of Ocean Engineering, Univirity Malaysia Terengganu. E-mail: edlic72@gmail.com.

- Marwan M. Al-Raggad, Associate Professor of Hydrology, Climate Change and GIS. Water, Energy and Environmental Center. University of Jordan Jordan. E-mail: mar\_raggad@yahoo.com.
- Rosliza Mat Zin, Associate Professor of Accounting, School of Maritime Business and Management, University Malaysia Terengganu, Malaysia. E-mail: roshaiza@umt.edu.my.
- Roshaiza Taha, Assistant Professor of Accounting, School of Maritime Business and Management, University Malaysia Terengganu, Malaysia. E-mail: roshaiza@umt.edu.my.