

# CURRICULUM VITAE

## Personal Information

**Name :** Sadeq Oleiwi Sulaiman

**Degree :** Ph.D. - Assistant Professor in Water Resources Engineering

**Place and Date of Birth :** Anbar, Iraq, 1969

**Nationality :** Iraq

**Languages :** Arabic, English

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## Objectives

I am a dedicated person who wants to use his skills and education to help students achieve using both traditional and modern approaches.

## Present Status

- a) Lecturer of Undergraduate Studies in Dams and Water Resources Engineering Department, College of Engineering, University of Anbar.
- b) Coordinator of Graduate Studies in the Dams & Water Resources Engineering Department, Engineering College, University of Anbar.
- c) Lecturer of Graduate Studies in Civil Engineering Department, Engineering College, University of Anbar.
- d) President of the Alumni Association in the College of Engineering, University of Anbar.

## Educational Qualification

- a) Assistance Professor of Engineering Hydrology ,Water Resources Management and Sediment Transport at the Department of Dams & Water Resources in the Engineering College of the University of Anbar, Iraq.
- b) Ph.D. degree in Water Resources Engineering from Buildings and Constructions Faculty, University of Technology, Iraq (2009).
- c) M.Sc. degree in Water Resources Engineering, from Civil Engineering Department, College of Engineering, University of Anbar, Iraq (2002) .
- d) B.Sc. degree in Civil Engineering from Civil Engineering Department, College of Engineering, University of Anbar, Iraq (1993) .
- e) Consultant Engineer in Civil Engineering at the Iraqi Engineers Union Since 2010.

## Fields of Interest

1. Engineering Hydrology: Surface Water ,Ground Water Hydrology and Sediment Transport.
2. Remote Sensing of Catchment Hydrology, Water Harvesting and Observing the Hydrological from Space.
3. Numerical modeling of Flood routing, water quality, and sediment transport.
4. Water Resources and Environment: Planning, Management and Economy.

## Professional Responsibilities

### Professional Data:

**1. July 1994 – October 1995:** Ministry of Defense as a Civil engineer in the Iraqi army.

#### Responsibilities:

- Supervision of civil works within the Habbaniyah air base and prepare the progress report the work performed.

**2. October 1995 – October 1999:** Al-Suroor Company - Private sector, working as water resources engineer.

#### Responsibilities:

- Site engineer for many of the construction work and the work of roads and irrigation systems and sewage works

**3. October 1999 – February 2002:** Graduate student at university of Anbar \_Iraq.

**3. February 2002 – Now:** Ministry of Higher Education and Scientific Research as a teaching staff in Engineering College – University of Anbar

#### Responsibilities:

- Assistant Head of Civil Engineering Department – University of Anbar from 2002 to 2003

- Rapporteur and Assistant Head of Dams and Water Resources Engineering Department – University of Anbar 2004-2005.

- Member of the Scientific Committee at the Department of Engineering of dams and water resources from 2009 to yet.

- Graduate official in Dams & water resources Engineering Department from 2012 to yet.

- The supervisor of the Alumni Club in the College of Engineering – university of Anbar from 2012 to yet.

## Working Experience

### TEACHING EXPERIENCE

1. **Lecturer** at Civil Engineering Department of the University of Al-Anbar, from 2002 to 2004, teaching:

- a) **Fluid mechanics for the 2<sup>nd</sup> year undergraduate**
- b) **Hydraulic structures for the 3<sup>rd</sup> year undergraduate**
- c) **3<sup>rd</sup> year undergraduate course in Engineering Hydrology.**
- d) **Supervisor of 2<sup>nd</sup>, and 3<sup>rd</sup> year undergraduate laboratory courses.**
- e) **Supervision of many 4<sup>th</sup> year Graduation projects.**

2. **Lecturer** at Dams & Water Resources Engineering Department of the University of Al-Anbar, from 2004 to yet, teaching:

- a) **Engineering Hydrology for the 2<sup>nd</sup> year undergraduate**
- b) **Hydraulic structures for the 3<sup>rd</sup> year undergraduate**
- c) **Water Resources Planning & Management for the 4<sup>th</sup> year undergraduate.**
- d) **Supervision of Fluid Mechanics and Hydraulic laboratory.**
- e) **Supervision of many 4<sup>th</sup> year Graduation projects.**

3. **Lecturer** at Graduate Studies, Department of Civil Engineering, University of Al-Anbar, from 2010 to yet, teaching:

- a) **Surface Water Hydrology**
- b) **Sediment Transport**
- c) **Water Resources Planning & Management**
- d) **Ground Water Hydrology**
- e) **River Management**

4. **Supervising** many theses for graduate students in the field of water resources and environmental engineering and addresses of those dissertation:

- a) **Experimental tests to evaluate the waste water treatment by using Sulfate and Phosphate biofilters (2011).**
- b) **Estimate of Sediment Load Transported from Wadis to Haditha-Lake With Aid of GIS (2012).**
- c) **Numerical modeling to estimate sediment transport and water quality of Euphrates River (2013).**

5. **Discuss and evaluate** many of the Master's Thesis for many of the Iraqi universities.

### **Participated in the achievement of these projects**

1- Hydrologic and environmental study for Al Anbar thermal project with Engineering Consultant Bureau, College of Engineering, AL – Anbar University (2008-2009).

2- Environmental study for the Rivers and Lakes of Iraq with Engineering Consultant Bureau, College of

Engineering, Baghdad University (2011).

3- Design of Culverts and Bridge on Al-Hajj Highway From the Hydrological point view (2012).

4- Hydrological and Biological study for the border-crossing tributary with Engineering Consultant Bureau, College of Engineering, Baghdad University (2012-2013).

## Awards

### Honors and Awards

1. Best Project undergraduate award in National Symposium with Engineering college - University of Anbar, Iraq, 2010
2. Award for outstanding research in Geo-Tunis international Conference, 2011
3. Award for excellence research in 2<sup>nd</sup> Arab Water Conference, Qatar 2014.

## Publications

1. Al Suhaily, R., Al Kazwini, M., Sulaiman, S., (2011) **Numerical Modeling of Flood Wave Behavior with Meandering Effects (Euphrates River, Haditha-Hit)**: Eng. and Tech. Journal, Vol.29, No.7.
2. Sulaiman, S. (2012) **Simulation of Flood Wave Behavior in Natural River**: 6 th International conference geotunis 2012.
3. Kamel, A., Sulaiman, S., Sayl, K. (2012) **Hydrologic study for Iraqi western desert to assessment of water harvesting projects**: Iraqi journal of Civil engineering, Vol.7, No. 2.
4. Al Jumaily, M., Sulaiman, S. (2012) **Study the hydromorphometric properties of wadi jbab in Iraqi western plateau**: Iraqi journal of Civil engineering, Vol.7, No. 2.
5. Al Jumaily, M., Sulaiman, S. (2012) **Water characteristics of Al-Tharthar and Al-Habbaniya lakes and their effects in the water characteristics of the Euphrates river**: Anbar University Journal of Human Sciences, Vol.0, No. 2.
6. Kamel, A., Sulaiman, S., Sayl, K. (2012) **Using Remote Sensing Technique for Calculate the Quantities and Study the Hydrologic Properties of Al Gaara Dam**: Anbar Journal for Engineering sciences, Vol.5, Special Issue-Part Three.
7. Kamel, A., Sulaiman, S., Mustafa, A.(2013) **Study the Effects of Water Level Depression in Euphrates River on the Water Quality**: Journal of civil engineering and architecture, Vol. 7, No. 2.
8. Sulaiman, S. (2013) **Using of Geographic Information System (GIS) for Design of Culverts and Bridges on Highway**: Iraqi journal of desert studies, Vol. 4, No. 2.
9. Hussain, O., Sulaiman, S., Mustafa, A. (2013) **Estimation of sedimentation load that transport to Haditha reservoir from wadis using GIS**:, Journal of remote sensing and GIS, Vol. 1, No. 1.