# CURRICULUM VITAE

**Name :** Dr. Saleh Issa Khassaf.
**Rank :** 1- Professor, Civil Engineering Dept., College of Engineering, Basrah University, Basrah , Iraq .
2-Consulting Engineer for Water Resources and Hydraulic Structures.

**Data and place of Birth:** Iraq, Baghdad, 1964.
**Nationality:** Iraqi.
**Status:** Married:
**Children's:** 3 (1 boy and 2 girls).
**Religion:** Muslim.
**Language:** Arabic and English.
**Membership:** Iraq Engineer Union , number 45522 in 16/7/1986.
**E- Mail:** salehissakh@gmail.com
**Mobile:** 009647806768085, 009647705721984.

## QUALIFICATION:

1- B.SC (1986) College of Engineering, Baghdad University.
2- M.SC. (1991) in Hydraulic Structures Engineering, College of Engineering, Baghdad University.
3- Ph.D. (1999) in Water Resources (Hydraulic Structures Engineering). Department of Building and Construction Engineering, Technology University, Baghdad, Iraq.

## THE TITLE OF PUBLISHED RESEARCHES:

**More the 70 researches, list of some these:**

1- Seepage analysis underneath Diyala weir foundation.
2- A study of scour around spur – dikes.
3- Design and analysis of curved canals.
4- Water hammer analysis for Najaf – Kufa water supply project.
5- Sediment transport upstream of Reservoir of Haditha Dam.
6- Evaluation of sediment transport in Kirkuk irrigation Charnel.
7- Effect of cohesive and nun-cohesive soils on equilibrium scour depth.
8- Evaluation of local scour around mid pier of Al-Kufa Bridge.
9- Optimal solution for water supply network.
10- Effect of degree of anisotropy on exit gradient network under dams.
11- Mathematical modeling of water surface at unsteady flow in Al-Msharah River.

12- Optimum location and angle of inclination of cut-off to control exit gradient and up lift pressure head under hydraulic structures.
13- Predicting breach hydrograph resulting due to hypothetical failure of Haditha Dam.
14- Development of empirical formula for computing sediment loads in Al-Meskab regulator channel.
15- Experimental study of local scour around circular pier fitted with collar.
16- Effluent turbidity as evaluating parameter of two water treatment plants in Al-Najaf city.
17- Development of a new formula for a clear scour around groynes.
18- Control of local scour depth around bridge pier using downstream bed sill.
19- Investigation of performance of sediment transport formula based on measured data in Euphrates river ,upstream of Al-Abassiya barrage.
20- Development of empirical formula for effect of interference of abutment and piers of bridge on local scour depth.

## THE ADVISOR ON THE THESIS:

- (7) Ph. D.
- (50) M.SC.
- (5) Higher diploma.

## EXPERIENCE:

- Lecturer giving lectures in :
- Design of Hydraulic Structures (undergraduate and postgraduate) in many colleges from 1997-yet .
- Optimization (postgraduate)
- Flood control (postgraduate)
- Seepage (postgraduate)
- Design of Dams (postgraduate)
- Fluid mechanics (undergraduate)
- Mathematic (I, II) (undergraduate)

2- Discussion grater than (45) thesis of Ph.D. and MS.C. in many universities.
3- Design hydraulic structures such as siphons, culverts, aqueducts, stilling basins, and consulting Engineer in water Resources Ministry.
4- Design a network of sewage water projects in many towns of Iraq.