

## Curriculum Vitae

**Full Name:** Dr. Amal Hussein Oliwie

**Academic Title:** Lecture

**Department:** Water Resources Management Engineering,

**University:** College of Engineering, Al-Qasim Green University University of Babylon, Iraq.

## Academic Profile

Academic researcher and university lecturer specialized in Computational Fluid Dynamics (CFD), heat transfer, two-phase flow, Three-phase flow, multi-phase flow, and nanofluids. Experienced in numerical simulation using ANSYS Fluent and publishing research in reputable international journals.

## Education

Ph.D. in Mechanical Engineering – Thermal Engineering, Iraq.

M.Sc. in Mechanical Engineering – Thermal Engineering, Iraq.

B.Sc. in Mechanical Engineering, Iraq.

## Publications

Several research articles published in Scopus and Web of Science indexed journals focusing on mechanic of flow, turbulent flow, heat transfer enhancement, and nanofluids.

## Research Interests

- Computational Fluid Dynamics (CFD)
- Heat Transfer and Thermal Systems
- Nanofluids and Hybrid Nanofluids

## Technical Skills

ANSYS Fluent, SOLIDWORK, MATLAB, Design-Expert, Scientific Writing etc.

## The links of counts

- Scopus <https://www.scopus.com/authid/detail.uri?authorId=57754063500>
- Orcid : <https://orcid.scopusfeedback.com/#/start>
- Research Gate: [https://www.researchgate.net/profile/AmalOliwie?ev=hdr\\_xprf](https://www.researchgate.net/profile/AmalOliwie?ev=hdr_xprf)

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