

Aqeel Abboud Abdulhassan

عقيل عبود عبدالحسن ثامر الهماشي

Assistant Professor

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EDUCATION

بكلوريوس (30-06-2009)

Surveying Engineering

University of Baghdad

ماجستير (27-07-2015)

Surveying Engineering

University of Baghdad

RESEARCH METRICS

h-index (Scopus)	2
h-index (GS)	4
Citations (Scopus)	18
Citations (GS)	48
Documents (Scopus)	7
Documents (GS)	11

ACADEMIC TITLES

2015-07-27	Assistant Lecturer
2020-12-20	Lecturer
2026-01-04	Assistant Professor

ADMINISTRATIVE POSITIONS

2016-04-06 - 2024-08-05	Department Coordinator

PUBLICATIONS (11)

1. **Extraction and accuracy assessment of a GNSS-derived digital elevation model**
   Applied Geomatics 18 (1), 25, 2026 | 2026
2. **Generating Accurate Topographic Map by Integrating Drone Imagery and GNSS Data**
   Journal of Applied Engineering and Technological Science (JAETS) | 2025
3. **Innovative mapping for soil consolidation settlement for various loading cases using GIS tools for Wasit province**
   Alexandria Engineering Journal 123, 471-478, 2025 | 2025 | Cited: 2
4. **Integration of UAV and GNSS Data for Accurate Land Use Mapping at Wasit University**
   Wasit Journal of Engineering Sciences 13 (3), 74-85, 2025 | 2025 | Cited: 3
5. **Infiltration Characteristics of Soils in Different Fields of Al-Shehaymiyah, Central Iraq**
   International Journal of Design & Nature and Ecodynamics | 2025
6. **Optimizing and coordinating the location of raw material suitable for cement manufacturing in Wasit Governorate, Iraq**
   Open Engineering 13 (1), 20220486, 2023 | 2023 | Cited: 3
7. **Vertical accuracy of digital elevation models based on differential global positioning system**
   Iraqi Journal of Science, 91-99, 2021 | 2021 | Cited: 10
8. **Developing a three-dimensional city modeling with the absence of elevation data**
   Periodicals of Engineering and Natural Sciences PEN 8 (4), 2507-2515, 2020 | 2020 | Cited: 2
9. **Accuracy assessment of open source digital elevation models**
   Journal of University of Babylon for Engineering Sciences 26 (3), 23-33, 2018 | 2018 | Cited: 14
10. **Novel segmentation method for fractal geometry based satellite images classification**
    American Scientific Research Journal for Engineering, Technology, and ..., 2017 | 2017 | Cited: 5
11. **Satellite images classification in rural areas based on fractal dimension**
    Journal of Engineering 22 (4), 147-157, 2016 | 2016 | Cited: 9