

Date 25 /9/2022

HANAN M. AHMAD

Personal  
Photo

#### PERSONAL INFORMATION

Title : Hanan M. Ahmad

Academic Rank: Professor

Date & Place of Birth: 9/11/1959 - Iraq

Nationality: French/ Iraqi nationalities

Address: Amman / Jordan

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#### ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
Ph.D. /Architectural engineering	Architecture and Environment	1996-1998	University of Baghdad	Iraq
M.SC. Architectural engineering	Architecture and Environment	1987-1989	University of Baghdad	Iraq

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B.SC. Architectural Engineering	Bachelor / science	1977-1982	university of Technology	Iraq
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**OTHER EXPERIENCE**

Duration	Rank	Institution	Department/Faculty	Country
1989-1999	Architectural acoustic consultant	Consultant in the consulting engineering .bureau	Faculty of Engineering/ University of Baghdad	Iraq
1987-1985	Part-time - Resident Architect	Engineering bureau	University of Baghdad	Iraq

**PUBLICATIONS**

**TEACHING EXPERIENCE**

Duration	Rank	Institution	Department/Faculty	Country
2022-2023	Professor	Amman Arab University	Architecture Engineering dept. /Faculty of Engineering	Jordan
2020-2021	Professor	Amman Arab University	Architecture Engineering dept. /Faculty of Engineering	Jordan
2020-2019	Professor	Khwarizmi university Technical College	Architectural Engineering dept	Jordan
2018-2011	Associate Professor	Middle East University	Architectural Engineering dept. Faculty of Architecture & Design	Jordan
2011-2000	Associate Professor	Academic school	Academic Association	France
1996-1998	Assistance professor	University of Baghdad	Architectural Engineering/Faculty of Engineering	Iraq
1989-1996	lecturer	University of Baghdad	Architectural Engineering/Faculty of Engineering	Iraq
1982-1988	Architect/ Teaching assistance	University of Baghdad	Architectural Engineering/Faculty of Engineering	Iraq

JOURNALS				
Author/s (In Order)	Title	Journal	Vol./No.	Publication Date
<p>Hanan M. Ahmad, Niran Al shaikhly, (The Efficiency of Artificial Lighting for Visual Perception of Historical Façade), International Journal of Advanced Research in Engineering and Technology (IJARET), Scopus Indexed, Vol. 11, Issue 5, May 2020.</p> <p>Hanan M. Ahmad (The Efficiency of Cluster Barrier Building Organization in Reducing Traffic Noise in the Built Area(Journal of Engineering and Applied Sciences, Medwell Journals publication, Scopus Indexed, Vol. 14, Issue 15, 2019.</p> <p>Hanan M. Ahmad, Eng. Maiss Al Razem, Eng. Eman Abu Assi (The Effect of Sustainable Louvers Performance on Indoor Environment in Office Buildings), International Journal of Civil Engineering and Technology (IJCIET), Scopus Indexed, Vol.9, Issue 10, 2018.</p> <p>Hanan M. Ahmad (The Effect of Barrier Buildings Gaps on Traffic Noise Attenuation in the built Environment), International Journal of Civil Engineering and Technology (IJCIET), Scopus Indexed, Vol. 9, Issue 6, 2018.</p> <p>Hanan M. Ahmad (Muqarnas Form Efficiency in Diffusing Sound Waves within the Space), International Journal of Innovative Science, Engineering and Technology, Vol.4, Issue 12, (Dec.), PP. 131-150, 2017.</p> <p>Hanan M. Ahmad (The Effect of Design Efficiency of the Wall Barrier (Screen) on Traffic Noise Attenuation), International Journal of Innovative Science, Engineering and Technology, Vol.3, Issue 7, (July), PP. 242-259, 2016.</p> <p>Hanan M. Ahmad (The Effect of Buildings Organization on Traffic Noise Propagation in the Urban Environment), International Journal of Technical Research and Applications, Vol. 3, (July-August), PP. 97-105, 2015.</p> <p>Hanan M. Ahmad, Dr. Majdi Tawfik (Traffic Noise Attenuation in Self-Protected Building Envelops), International Journal of Technical Research and Applications, Vol. 3, (May-June), PP. 203-211, 2015.</p> <p>Hanan M. Ahmad (Traffic noise attenuation in residential area). Journal of Arab universities union, Vol.6 No.1, 1999.</p> <p>Hanan M. Ahmad (Acoustical Performance of open plan office building). Engineering journal, Vol.3, No.3, 1997.</p> <p>Hanan M. Ahmad (Acoustical design requirements in musical halls). Journal of Arab universities union, Vol.1, No. 2, 1994.</p> <p>Hanan M. Ahmad (Basic acoustical requirements in multipurpose halls).Al-Mohandas journal, Vol.114, No.3, 1994.</p> <p>Hanan M. Ahmad (Study and evaluation of the acoustical performance of auditor in social and cultural centers). Al-Mohandas journal, Vol. 113, No. 1, 1993.</p>				

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CONFERENCES				
Author/s (In Order)	Title	Conference	Country	Date
<p>Hanan M. Ahmad, Vlada Melanik , Kabela Faris (Urban-Architectural Heritage and Sustainable Tourism), WIT Conference “8th International Conference in Sustainable Tourism 2018, Wessex Institute, 2-4 May, Vienna- Austria, WIT Transactions on Ecology and the Environment Journal, Scopus Indexed, Vol.227, pp(209 - 220), WIT Press, 2018.</p> <p>Hanan M. Ahmad , Niran Al shaikhly (The Effect of artificial Lighting on Historical Building Façade), 3rd International Conference “Plastic Art and Community Services”, Egypt, 23-25 April 2017.</p> <p>Hanan M. Ahmad (The Effect of the Building Envelop Configuration on the Sound Reduction”,1st International Conference “Plastic Art and Community Services”, Egypt, Feb. 2015.</p>				

BOOKS				
Author/s (In Order)	Title	Publisher	Edition	Date
<p>Hanan M. Ahmad (Sound and Noise in Architecture and Built Environment “planning and Architectural Design Consideration”, 1st edition Dar Wael publishing, Amman – Jordan, 2018-2019.</p>				

### MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

- Member of “I Sustain” Initiative of A/E Business Council as a Representative from Middle East University till 2018. Amman, Jordan.
- Member of the Architectural Department of the Engineering Consulting Office / University of Baghdad until 1999, Baghdad, Iraq.
- Member of the Iraqi Engineers Association / Iraq until 1999, Baghdad, Iraq.

## UNIVERSITY COMMITTEES

## Workshops Attended

- Seminars and workshops for the academic staff & architectural dept. Students of the Jordanian universities, organized by “I Sustain” Initiative Of A/E Business Council, Colombia Global Center, Amman-Jordan.
- Seminar on Energy Transition, organized by the Institute Français in Jordan, in partnership with the Royal Scientific Society, November 2014, Royal Scientific Society.
- Architectural Forum Mediator, “Jury Tour Day 2014”, April 2014.
- Hi Design Day, organized by Pioneers Academy / university of Jordan/ Amman-Jordan.
- Meeting program of industrial research and development fund partners, Organized by the Higher Council for science and technology/ Royal Scientific society/ Al Hassan Scientific city / Amman-Jordan.
- German – Arab Environment Forum concerted action for sustainable Green growth, organized by Amman Chamber of Commerce and Euro – Mediterranean Association for cooperation and development (EMA)/Amman – Jordan.
- Enhancement of Jordan – European S&T partnerships, International Incoming Fellowships (IIF), Higher Council for Science and Technology/Amman – Jordan.

## Workshops Offered

Seminars for Engineers and officials on Acoustical design and noise attenuation.

- Seminar (Noise and its effects on the architectural design) / Al-Idrisi center for constructions / ministry of housing and Reconstructions, Baghdad/ Iraq.
- Seminar (Architectural acoustic design & noise in auditorium buildings)/ education program for engineers /Faculty of engineering/ University of Baghdad/ Iraq.
- Intensive courses in the national center for engineering consultancy/ University of Baghdad (Architectural acoustics in auditorium).
- Seminar (The effect of the aircraft noise on residential buildings) for engineers of the ministry of transportation/ Iraq .
- Seminar (Architectural design in hot dry climates) for officials and architects of the University of Baghdad.
- Seminar (Architecture and Environmental design in hot climate regions) / the education program for engineers/ Faculty of engineering/University of Baghdad/ Iraq.
- Courses in the national center for construction laboratories / ministry of housing and Reconstruction (Architectural acoustics).

### RESEARCH INTERESTS

Environmental science & Architectural engineering / Sound and noise insulation in Architecture & built environment.

- Supervising many graduate thesis projects in architectural design and acoustics.
- Researches and published articles on Noise and Architectural Acoustics.

### LANGUAGES

- Arabic
- English
- French

### OTHER COMMUNITY ACTIVITIES

### AWARDS RECEIVED

### GRADUATE STUDENTS SUPERVISION

Student Name

Thesis Title



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-Supervising many graduate thesis projects in architectural design and acoustics.

**REFERENCES**

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