

**MOHAMMAD ZARREF ALMA'AITAH**



### PERSONAL INFORMATION

Title: Dr

Academic Rank: Assistant Professor

Date & Place of Birth: 25/11/1993, Alkarak, Jordan

Nationality: Jordanian

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### ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
PhD	Structural Engineering	2020-2024	University of Nottingham	United Kingdom
MSc	Structural Engineering	2016-2019	University of Jordan	Jordan
BSc	Civil Engineering	2011-2015	Mutah University	Jordan

دائرة الموارد البشرية  
**Human Resources Department**

**TEACHING EXPERIENCE**

Duration	Rank	Institution	Department/Faculty	Country
2024-Present	Assistant Professor	Amman Arab University	Civil Engineering	Jordan
2022-2024	Teaching Assistant	University of Nottingham	Centre for Structural Engineering and Informatics	United Kingdom

**OTHER EXPERIENCE**

Duration	Rank	Institution	Department/Faculty	Country
2022-2024	Research Assistant	University of Nottingham	Centre for Structural Engineering and Informatics	United Kingdom
2015-2018	Project Engineer	ASSARAI Engineering Firm	Project Management	Jordan

**PUBLICATIONS**

**JOURNALS**

Author/s (In Order)	Title	Journal	Vol./No.	Publication Date
Mohammad Alma'aitah, Bahman Ghiassi, Barzin Mobasher, and Fragkoulis Kanavaris	Synergising hybrid short fibres and composite cements for sustainable and efficient textile-reinforced concrete composites	Journal of Building Engineering	93	2024

Mohammad Alma'aitah and Bahman Ghiassi	Development of cost-effective low carbon hybrid textile reinforced concrete for structural or repair applications	Construction and Building Materials	341	2022
Mohammad Alma'aitah, Bahman Ghiassi and Ali Dalalbashi	Durability of Textile Reinforced Concrete: Existing Knowledge and Current Gaps	Applied science	3	2021

## CONFERENCES

Author/s (In Order)	Title	Conference	Country	Date
Mohammad Alma'aitah, Bahman Ghiassi, Fragkoulis Kanavaris and Michael Sataya.	Enhancing Textile-Reinforced Concrete Sustainability and Economic Efficiency with Innovative Cement Composites	RILEM Spring Convention & conference on advanced construction materials and processes for a carbon neutral society.	Italy	2024
Mohammad Alma'aitah and Bahman Ghiassi	Development of Low Carbon Textile Reinforced Concrete from Composite Cements	The International RILEM Conference on Synergising expertise towards sustainability and robustness of cement-based materials and concrete structures.	Greece	2023

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## BOOKS

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Author/s (In Order)	Title	Publisher	Edition	Date
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## MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

The International Union of Laboratories and Experts in Construction Materials, Systems and Structures (RILEM).

Jordanian Engineers Association

## UNIVERSITY COMMITTEES

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## WORKSHOPS ATTENDED

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- A Sustainable Future with PM: Exploring Water and AI
- 18th International Brick and Block Masonry Conference.
- Towards greener and more durable concrete webinar.
- Durability-based design of advanced cement-based materials in aggressive environments: a holistic approach.

## WORKSHOPS OFFERED

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### RESEARCH INTERESTS

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Concrete Technology and Durability, Durability Assessment of Construction Materials, Structural Engineering and Analysis, Behaviour and Performance of Composite Materials, Innovative Cement Composites, Sustainable Construction Materials, Novel Low Carbon Construction Materials and Experimental Testing of Building Materials and Structures.

### LANGUAGES

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Arabic and English

### OTHER COMMUNITY ACTIVITIES

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### AWARDS RECEIVED

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### GRADUATE STUDENTS SUPERVISION

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Student Name

Thesis Title

### REFERENCES

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دائرة الموارد البشرية  
**Human Resources Department**

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Barzin Mobasher ([barzin@asu.edu](mailto:barzin@asu.edu))

Fragkoulis Kanavaris ([Frag.Kanavaris@arup.com](mailto:Frag.Kanavaris@arup.com))