

PERSONAL INFORMATION

Name: **Yazan Subhe Abu Alhassan**
Address: **Amman – Jordan**
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Date of birth: 01.02.1984
Nationality: **Jordanian**

EDUCATION

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| PhD (Dr. rer. nat) Doctor of Natural Sciences | Conservation of Cultural Heritage , July 2018 RWTH Aachen University, Aachen – Germany. Dissertation Title: <i>“The Use of Sodium Ferrocyanide for the Removal of Salt from Stone, Exemplified for Sandstones from Petra – Jordan”</i> |
| Master | Conservation of Cultural Heritage , June 2009 Yarmouk University, Irbid – Jordan. Dissertation Title: <i>“The effect of Salts on the Performance of Sandstone Consolidation Treatment”</i> |
| Bachelor | Conservation and Management of Cultural Resources , June 2006 Yarmouk University, Irbid – Jordan. |

WORK EXPERIENCE

- Full time lecturer
University of Jordan / Faculty of Archaeology and Tourism – Department of Cultural Resources Management and Conservation. 2/2023 - present
- Conservation Specialist,
Head of the Conservation Department
Sharjah Archaeology Authority, Department of Architectural Conservation. Sharjah – UAE. 11/2019 – 2/2023
Duties:
 - Member of the committee of the World Heritage File for the Cultural Landscapes of the Central Region in the Emirate of Sharjah.
 - Supervising and managing of the conservation works of historic areas at the Emirate of Sharjah
 - Active member at the Scientific committee of Sharjah Archaeology Authority for presenting scientific lectures
- Lecturer
University of Jordan / Aqaba- Faculty of Tourism and Hotel Management (2/2010 – 8/2013)

• Research and Teaching Assistance

Department of Engineering Geology and Hydrogeology, Faculty of Georesources and Materials Engineering, RWTH Aachen University, Aachen – Germany
4/2014 – 10/2018

Duties:

- Working at the research laboratory at the department of Engineering Geology and Hydrogeology for testing stone materials and
- Taught the practical courses for Bachelor and Master students

RESEARCH INTEREST

- Stone monuments conservation,
- Salt weathering,
- Salt crystallization inhibitor as a new method to enhance desalination of stone monuments,
- Diagnosis of weathering damage on building stone materials as basis for planning and implementation of appropriate and sustainable monument preservation measures
- Stone analysis.
- Cultural and Sustainable Tourism

PERSONAL SKILLS AND COMPETENCES

- Planning and presentation skills.
- Excellent in computer skills (windows, power point, AutoCAD, Excel & internet)
- Organized at work, flexible and self-motivated,
- I have very good communication skills and a good Team-Worker.
- Always seeks for new Experiences and Exposures.
- Have Multicultural Relationships.

MOTHER TONGUE

Arabic

Other language(s)

English
German

| UNDERSTANDING | | SPEAKING | | WRITING |
|---------------|-----------|--------------------|-------------------|-----------|
| Listening | Reading | Spoken interaction | Spoken production | |
| Excellent | Excellent | Excellent | Excellent | Excellent |
| Good | V. good | Basic | Basic | Basic |

RESEARCH

- Al-Naddaf, M., Waked, F., **Abu Alhassan, Y.** (2013). Micro-drilling resistance measurement: a new technique to estimate the porosity of a building stone. In: *Mediterranean Archaeology and Archaeometry*, Vol 13, pp 225-233

- **Abu Alhassan, Y.**, Al-Naddaf, M., Azzam, R., (2020). Evaluation of the efficiency of sodium ferrocyanide as a crystallization inhibitor in monumental sandstones in Petra – Jordan. In: *INT J CONSERV SCI*. Vol 11, Issue 4, pp 917 – 930.

- **Abu Alhassan, Y.**, Al-Naddaf, M., Azzam, R., (2023) Laboratory Investigation of Salt Crystallization Inhibitor and Distilled Water to Prevent the Destruction of Monumental Stones in Petra–Jordan due to Salt Damage. In: *Cultural Heritage: At the Intersection of the Humanities and the Sciences*. Chap. 22, pp 337 – 341.

WORKSHOPS, SEMINARS AND TRAINING COURSES

- Introductory course to **Mediterranean Cultural Heritage** at Malta Center for Restoration 13/3/04-3/7/04
- Residential Summer school on **Conservation Science** organized by European Chemistry Thematic network Working group on Chemistry and Cultural Heritage and Department of Chemistry, Aristotle University of Thessaloniki-Greece 16-22/7/2006
- Participate in International Conference at Yarmouk University about **Challenges in Preservation and Managing Jordan's Cultural Heritage** between 5-7/12/2006 and present paper in it under title *Conservation plan for a 20th century Jordanian traditional building from Bushra site*.
- Participate in **Architectural Design Workshop City of Salt**, Jordan 2007, organized by Brandenburg Technical University (BTU) of Cottbus, Germany and Yarmouk University, Jordan.
- Vocational Seminar on **Cultural Heritage Preservation** organized in Irbid (Jordan) on June 29 to 2 July by Yarmouk University, Irbid (Jordan), Aristotle University, Thessaloniki (Greece) and Rathegen Laboratories, Berlin (Germany).
- International Summer School in **Conservation of Historical, Monumental and Archaeological Sites**, Presented by Department of Civil Engineering University of Rome "Tor Vergata" – Italy July 21st to August 4th 2009.
- **Educate the Educators Capacity Building for Tourism & Hospitality Education**, organized in Amman – Jordan between 20 – 24 /2/2011 by Ministry of Higher Education & Scientific Research & USAID Jordan Tourism Development
- Participate at the 2016 Heidelberg Summer School “**Destruction and Reconstruction of Cultural Heritage**” and present a lecture on the topic “Salt Crystallization Inhibitor for Sandstone Monuments in Petra – Jordan”.

CONFERENCE PRESENTATIONS

- Abu Alhassan, Y.** (2017). Sodium Ferrocyanide Ions as Salt Crystallization Inhibitor for Sandstone Monuments to Prevent Damage Due to Sodium Chloride Salt and Salt Mixtures in Petra – Jordan. In: *22nd International Conference on Cultural Heritage and New Technologies*. Vienna – Austria 8-10 November 2017.
- Abu Alhassan, Y.** (2018). The Use of Sodium Ferrocyanide for the Removal of Salt from Stone, Exemplified for Sandstones from Petra – Jordan. In: *2018 ASOR Annual Meeting*. Denver – USA, 14 – 17 November 2018.
- Abu Alhassan, Y.** (2019). Laboratory Investigation of salt crystallization inhibitor and distilled water to prevent the destruction of monumental stones in Petra - Jordan Due to Salt Damage. In: *Humboldt-Kolleg – Cultural Heritage: At the Intersection of the humanities and the Sciences*. Jordan **16-18 April 2019**

MEMBERSHIP

The American Schools of Oriental Research (ASOR)

REFERENCES

- Prof. Dr. Rafiq Azzam
Department of Engineering Geology and Hydrogeology –RWTH Aachen University/ Germany
Email: Azzam@lih.rwth-aachen.de

- Dr. Kurt Heinrichs
Department of Engineering Geology and Hydrogeology –RWTH Aachen University/ Germany
Email: heinrichs@lih.rwth-aachen.de

- Prof. Dr. Ziad Al-Saad

Department of Conservation and Management of Cultural Resources – Yarmouk University / Jordan

Email: zalsaad@yu.edu.jo

- Dr. Mustafa Al-Naddaf
Department of Conservation and Management of Cultural Resources – Yarmouk University / Jordan

Email: mnaddaf@hotmail.com

- Mr. Eisa Yousif
Sharjah Archaeology Authority, Sharjah – UAE.
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