

E-Mail: Mohd\_elkhalili@yahoo.com, Phone: +962-795934326

# Mohammad El-Khalili

## PhD. Architect

### Experience Brief

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- More than 13 years of solid experience in conservation and restoration working with local, national and regional projects.
- Excellent practical experience in managing field work and to lead teams and work groups.
- Involved in the formation of the Strategy for Management of Archaeological Heritage in Jordan 2014-2018 with the Department of Antiquities.
- Excellent knowledge and network with all relevant international stakeholders in cultural heritage including international organizations, government entities, NGOs, etc.

### Education

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#### Department of Architectural History & Conservation, Faculty of Architecture, University of Rome "La Sapienza"

- **Ph.D.** (Conservation of Architectural Heritage ) **University of Rome "La Sapienza" Italy 1999**
- **M.A.** (Restoration of monuments) **University of Rome "La Sapienza" Italy 1992**
- **B.Sc.** (Architecture) **University of Rome "La Sapienza" Italy 1986**

### Work Experience

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- **Associated Professor**  
Faculty of Architecture and Design  
Petra University  
Department of Architecture
- **Associated Professor**  
**Department of Conservation Science**  
Queen Rania's Institute for Tourism and Cultural Heritage  
Hashemite University, Jordan.  
*January 2002-until now*
- **Head of the Department of Conservation Science**  
Queen Rania's Institute for Tourism and Cultural Heritage  
Hashemite University, Jordan.  
*September 2005 - September 2006*

## Projects and Professional Experience

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- **Research Team Leader**

- Ancient Theatres Enhancement for New Actualities (ATHENA Project)**

- [www.athenaproject.eu](http://www.athenaproject.eu)

- Department of Antiquities (DoA), Amman-Jordan*

- Euromed Heritage IV Program, funded by the European Union (1.7 million)*

- Jordan, Tunisia, Algeria, Spain, and Italy*

- Project duration: February 1, 2009 to January 31, 2013*

- Six regional sites have been identified within the Mediterranean cross-border framework. Degrees of progress have steadily increased starting from research and documentation of ancient theaters to other aspects of heritage management and development. Sites currently managed including the ancient theaters of Petra and Jarash in Jordan, theater of Syracuse in Italy, the Carthage Theater in Tunisia, and ancient theater of Cherchell in Algeria and the theater of Merida in Spain.*

- Director of Field Restoration Works*

- Qasral-Mushatta Research and Restoration Project**

- <http://baugeschichte.a.tu-berlin.de/bg/forschung/projekte/islam/mushatta2.html>

- Technische Universität Berlin*

- Qasral-Mushatta, Amman, Jordan. 2009 – 2013*

- Funding: Deutsche Forschungsgemeinschaft, Auswärtiges Amt, Technische Universität Berlin*

- Project Director: Prof. Dr.-Ing. Johannes Cramer*

- Main Project Activities:*

- *Evaluation of historic documents*
    - *Surveying*
    - *Documentation*
    - *Archaeology*
    - *Buildings archaeology*
    - *investigation of the surface*
    - *collection of the graffiti*
    - *research in the emerging Islamic art history*

- **Director of Field Restoration Works**

- Restoration of the mural paintings of “Raghadan Royal Palace”**

- Amman-Jordan*

- 1988 - 1989*

- Company: CIRUA - Rome, Italy**

- **Restoration and Research Team member**

- Regualification and restoration of historic buildings**

*Municipality of Irbid*

*Irbid, Jordan*

*February – October, 2005*

- **Director of Research Project**  
**“Assessment of the Conservation Works at the Roman Nymphaeum of Amman”**  
Funded by the Hashemite University in Jordan  
2003-2005
- **Architect - Designer**  
**Designer of many private buildings and requalification projects**  
Rome, Italy  
1986 – 2001

**Publications and Major Contributions:**

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- **Published Articles in International Journals:**
  1. **Roman Nymphaeum in Amman: Documentation and Architectural Study.** Disegnare Idee Immagini / Drawing ideas images 47, Università di Roma “La Sapienza”. Published December 2013 (ISBN 978-88-492-2797-0).
  2. **Restoration Interventions for the Roman Nymphaeum in Amman: Identification and Assessment.** Disegnare Idee Immagini / Drawing ideas images 48, Università di Roma “La Sapienza”. (Accepted for publication in June 2014).
  3. **Detection and quantification of material displacements at Historical structures using Photogrammetry and laser scanning techniques,** in Mediterranean archaeology & Archaeometry.
  4. **organic residues preserved in archaeological ceramics from the early bronze age site of khirbet al-batrawy in north-central jordan,** International Journal MAA December 2013 issue no.2, 2013.
  5. **Antiquity Impact of Air Pollution at Gadara, Jordan,** International Journal MAA. 2014.1
  6. **Analysis of deterioration features and causes on archeological monuments: the case study of the Roman Nymphaeum in Amman, Jordan** Studies in Conservation 2014
- **Books:**
  - **Mohammed El Khalili and Monther Jamhawi,** Strategies to Promote the Ancient Theater as a Catalyst for the Culture Resources and Potentials in **“ATHENA Project, Prototype of Management Plan for Enhancement of New Actualities”** Instituto Universitario de Restauración del Patrimonio, Universidad Politécnica de Valencia, Valencia, General de Ediciones de Arquitectura. 2013 Pp. 327/342

- **Mohammed El Khalili**, The Roman Nymphaeum in Amman (Ancient Philadelphia), in **Restauro Archeologico bollettino del Dipartimento di Restauro e Conservazione dei beni architettonici, Universita' di Firenze**. 2003 Pp.9/12

▪ **Conferences Participation/Proceedings:**

- **Scientific Symposium during the ICOMOS 17th General Assembly: Heritage: a driver of development.** Paris, France, 27 November - 2 December 2011  
Paper: "Heritage Tourism Development and the Local community: Al-Salt Heritage City in Jordan".
- **WAC 7 Seventh World archaeological congress 13-18 January 2013 Dead sea, Jordan,**  
Paper "Parametric Guidelines for Analyzing Risks and Compatible Utilization of Ancient Theatre"
- **First Euro-Mediterranean Regional Conference Traditional Mediterranean Architecture. Present and Future.** 12-15 July 2007 Barcelona, Spain.  
Paper: *Rehabilitation of the Cultural Landscape at Umm-Qais: "The Ottoman Village in the Ancient City of Gadara"*.
- **The Fifth International Conference on Science and Technology in Archaeology and Conservation** 7-12 July 2007 Baeza and Granada, Spain  
Paper: *Impacts of Conservation Policies on the Cultural Heritage "The Ancient City of Gadara (Umm-Qais)"*
- **FORUM UNESCO - University and Heritage 11th International Seminar. Documentation for Conservation and Development: New Heritage Strategies for the Future.** Faculty of Architecture of the Università Degli Studi di Firenze 11-16 September 2006 Florence, Italy. Paper: *Managing Change in an ever-Changing Landscape "Saving the Natural and Cultural Landscape of Jarash"*
- **The 3rd International Conference of Science and technology in Archaeology and Conservation, at the Hashemite University in cooperation with UNESCO.**  
7-11 December 2004 Amman-Dead Sea, Jordan.
- **Cultural Landscapes in the 21<sup>st</sup> Century Conference,** University of Newcastle, UK **2005.**  
Paper: The Role of Artemis Complex in the Landscape of Ancient Gerasa "Jerash"
- **International seminar on the management of the shared Mediterranean heritage ISMARMED 5th Conference on the Modern Heritage,** Alexandria Egypt 2005. Paper: Urban Heritage and Sustainable Development "A Case Study from Jordan",
- **First International Research Seminar of Forum UNESCO-University and Heritage on Architectural Heritage and Sustainable Development of Small and Medium Cities in South Mediterranean** Florence Italy 2004. Paper: The role of the historical town on the socioeconomic development of the cities; between the reality and ambitions: the experience of Irbid city.

- **The 2<sup>nd</sup> Science and technology in Archaeology and Conservation**, on the Hashemite University, December 2003. Paper: Documentation and Interpretation of Qasir Shabib in Zarqa,
- **The scientific symposium at 15<sup>th</sup> General Assembly of ICOMOS**, Xi'an (China) 17-21 October 2005.  
Papers:
  - o Analysis of the Urban Planning and Landscape in the ancient city of Gerasa "Jerash"
  - o New Perspective in the Conservation of the Historical Town in the Developing Countries
- **The 11<sup>th</sup> Forum UNESCO, 2006 held at the Florence University (Italy)**. Paper: Managing Change in an ever-Changing Landscape "Saving the Natural and Cultural Landscape of Jerash"
- **The scientific International Conference on Architectural Conservation Opportunities & Challenges in the 21st Century DUBAI**, 11-13 February 2007. Paper: Problems in the Conservation of the Ancient Architectural Heritage within the Contemporary Environment.
- **The scientific III<sup>o</sup> International Conference on Architecture and Building Technologies**, Ischia (Italy) June 15-16 – 2007. Paper: Methodology for the conservation of the ancient architectural heritage within the contemporary environment.
- **The Impacts of the Documentation and Conservation Policies in the Ancient City of Gadara and the Aftermath**, in the Proceeding of the scientific Fifth International Conference On Science and Technology in Archaeology and Conservation Beaza – Spain. 5-12 July 2007.
- **Regional Tourism Destination Planning and Development A Case Study for Umm-Qais "Gadara "** in the Proceeding of the scientific 3rd tourism outlook conference in conjunction with the global events congress, July 16-18, 2007 Kuala Lumpur, MALAYSIA
- **The scientific First Euro-Mediterranean Regional Conference Traditional Mediterranean Architecture. Present and Future**. Barcelona, Spain 12-15 July 2007. Paper: Rehabilitation of the Cultural Landscape at Umm-Qais "The Ottoman Village in the Ancient City of Gadara"
- **The scientific symposium at 16<sup>th</sup> General Assembly of ICOMOS**, Quebec (Canada) September 29 to October 04 / 2008. Paper: Impact of the conservation Policies on the Cultural Heritage in the Ancient City of Gadara.
- **The 12th International Seminar of Forum UNESCO - University and Heritage (FUUH)** 5-10 April 2009, Hanoi (The Socialist Republic of Vietnam) Paper: Conservation of the Historic Urban Landscape within the Contemporary Architectural projects "A Case Study from the City of Irbid in Jordan"
- **The 6th conference Science and technology in Archaeology and Conservation**, Rome Italy, December 2008. Paper: Between the innovative trend and the anomaly building

construction techniques applied on the columns of Artemis temple in the Roman city of Gerasa (Jarash), in Jordan

- **The First International Conference for Urban & Architecture Heritage in Islamic Countries: Its role in Cultural & Economic Development.** Riyadh K.S.A 23-28 May 2010. Paper: A new methodology in Protection the Historic Urban area of cites from the hazardous of the Contemporary Urban development and infill architecture projects "A case study from Jordan".

## Professional Academic Activities:

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### ■ Programs and Prospects Development:

- Prospective updating (five years) academic plan for the degree program in Conservation Science in Queen Rania's Institute of Tourism and Heritage. 2005
- Preparation of the cooperative master program in "Restoration / Conservation of Historical Buildings" between Universidad Politecnica de Valencia, the Hashemite University, and the University of Yarmouk, 2004
- Member of the Organizing Committee of the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> International Conferences of Science and technology in Archaeology and Conservation. The Hashemite University.2002-2005
- Member of the Organizing Committee of the 7<sup>th</sup> Forum UNESCO, 2003 held at the Yarmouk University (Jordan).
- Member of the Organizing Committee of the 11<sup>th</sup> Forum UNESCO, 2006 held at the Florence University (Italy).

### ■ Lecturing:

- **Department of Conservation Science**  
**Queen Rania's Institute for Tourism and Cultural Heritage**  
**Hashemite University, Zarqa, Jordan**  
*2001 – Present*

#### *Taught Courses:*

- History and Theory of Architecture I & II
- History and Theory of Architecture
- Conservation Science I, II, & III
- Archaeological Inorganic and Organic Materials and their Restoration
- Cultural Resources Management (CRM) I, II, & III
- Fundraising and Legalization for Cultural Heritage
- Interpretation of Archaeological Sites
- Documentation of Historic Site

- Museology I & II
- Conservation of Artefacts
- Conservation of Traditional Architecture

- **Jordan University, Amman Jordan**  
**Faculty of Architecture University**  
**2007-2008**

Taught Courses:

- History of Architecture II

- **Faculty of Architecture and Design**  
**Petra University Jordan**  
**2007-2013**

Taught Courses:

- Architectural Landscape Design
- History of Architecture
- Early Christian and Medieval Architecture
- Renaissance Architecture

### **Certificates and Professional Training:**

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- **International Architectural Conservation Course of UNESCO**  
ICCROM / Rome, 5 months -1996
- **Seminar on Preventive Conservation and Monitoring of the Architectural Heritage**  
Val de Loire, France, 26-30 May 2008  
[www.sprecomah.eu/page.php?ID=10&SEMD=2](http://www.sprecomah.eu/page.php?ID=10&SEMD=2)  
Lemaire International Centre for Conservation (KU Leuven)  
Prof. Koen Van Balen  
Main session themes:
  - a. Floods and heritage, and other natural disasters
  - b. Preventing the deterioration of materials in heritage structures
  - c. Preventive actions in relation to the interaction between the environment and the architectural heritage (including: materials, structures and groups of structures)
  - d. Comparative study of preventive architectural conservation systems
- E-learning program on “**Economics & Management of Cultural Heritage**”. The Centre for International Studies on Economic Growth (CEIS-University of Rome “Tor Vergata”), Italy-World Bank-Washington. April 4<sup>th</sup> – June 30<sup>th</sup>, 2005. (Albania, Egypt, Jordan, & Yemen).

### **Fellowships**

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- **Research Fellowship**

**TU - Berlin Technical University, Faculty of Architecture and Built Environmental**

Funded by: German Research Foundation - Deutsche Forschungsgemeinschaft (DFG)

[www.dfg.de/en](http://www.dfg.de/en)

Fellowship Periods in TU Berlin:

1. June to September 2012
2. June to September 2011
3. June to September 2010

## Languages

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Competence on a scale of 1 to 5 (1 - excellent; 5 - basic):

Language	Reading	Speaking	Writing
Arabic	Mother tongue		
English	1	1	1
Italian	1	1	1

## Computer and Software Skills

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- Excellent Microsoft Office environment skills (Outlook, Project, Word Process, Excel, Spread Sheets and Power Point)

## Associations' Membership

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- The International Council on Monuments and Sites (ICOMOS)
- Italian Architects Association
- Jordanian Architects Association
- Committee for the Protection and Conservation of Architectural Heritage in Jordan
- Don't mess with Nature Initiative-Jordan
- The Royal Society for the Conservation of Nature (RSCN)
- RehabiMed Association
- Friends of ICCROM – Rome

## Personal Information

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- Marital status: Married
- Nationality: Jordanian
- Place & Date of Birth: Irbid 1/5/1960