

Curriculum Vitae Fadi A. Bala'awi

Curriculum Vitae Dr. Fadi Bala'awi

Dean of Queen Rania Faculty of Tourism and Heritage, Hashemite University

Department of *Conservation Science*
Queen Rania Faculty of Tourism and Heritage
The Hashemite University
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Professional summary

- Conservation Scientist, Conservation and management of Heritage site expert.
- Associated Professor in Conservation and Heritage Site Management
- Museum operation and development expert.
- Dean of Queen Rania Faculty of Tourism and Heritage, Hashemite University.
- Founding member of The International Council on Monuments and Sites (ICOMOS) - Jordan organization.
- Vice- President of the International Council on Monuments and Sites (ICOMOS) – Jordan.
- Vice- President of the Jordan Friends of Archaeology and Heritage (FOAH).
- Member of the supervisory board for a number of international projects in Archaeology and related topics.
- Consultant and special advisor for a number of national and international projects in conservation and Heritage site developments
- Conservation planning expert.
- International trainer in Heritage Site management and museum operation.
- Practical experience in tourism impact analysis and evaluation.
- Consultant and special advisor for a number of museums in Jordan.
- Expert in Strategic planning and budgeting.
- Principle Investigator of a number of international research projects in archaeology field in Jordan.
- Event management experience.
- The Chairman and Head of the scientific and organizations for a number of international conferences in tourism management, heritage conservation, archaeology and museum education.

F a d i A . B a l a ' a w i

Personal Data

Name: Fadi Abedallah Yousef Bala'awi
Date of birth: 25 October 1975
Marriage status: Married
Number of Children: Two
Nationality: Jordanian
Current Work address: Queen Rania Faculty of Tourism and Heritage. The Hashemite University. Zarqa - Jordan.
P.O. Box 150459, Zarqa 13115, Jordan
Tel: + 962 (0) 5 3903 333. Ext 5028.
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Or fadi.balaawi@gmail.com

Education

- September 2002- June 2006** *PhD in Conservation and Management of Archaeological sites*) Institute of Archaeology, University College London, London: UK.
Thesis Title: Salt damage at Petra, Jordan: A study of the effects of wind on salt distribution and crystallisation.
- September 2001-September 2002** *MA in Principles of Conservation.* Institute of Archaeology, University College London, London: UK.
Dissertation Title: Conservation work in Petra, Jordan: A critical review.
- September 1997- July 2000** *M.Sc. in Earth and Environmental Sciences* (Geochemistry, Sedimentology and Petroleum Geology). Earth and Environmental Department, Faculty of Science Yarmouk University, Irbid-Jordan, Grade: Excellent with honour.
Dissertation Title: Hydrocarbon potential and microfacies of the Jurassic rocks in Jordan.
- September 1993- June 1997** *B.Sc. in Earth and Environmental Sciences.* Earth and Environmental Department, Faculty of Science Yarmouk University, Irbid-Jordan, Grade: Very Good
- September 1992- June 1993** *General Secondary Certificate*, Science Branch, Prince AL- Hassn High School, Ministry of Education, Irbid – Jordan.

Professional Experience, Position Held and Nature of work

4 September 2016 - till now **Dean of Queen Rania Faculty of Tourism and Heritage,**
Queen Rania Faculty of Tourism and Heritage, The Hashemite University. Zarqa - Jordan.

Responsibilities:

- Member of the Deans Council
- Member of The University Higher Council
- Administrative, financial and academic supervision of three departments (Sustainable Tourism, Cultural Resources Management & Museology and Conservation Science Departments).
- Member of the University student academic problems Committee
- Supervising international accreditation programs and certificates for all three faculty academic programs.
- Fieldwork supervision of faculty excavation and conservation project.
- Developing teaching strategy and curriculum.
- Strategic planning and action plan development for the faculty.
- Enhancing the local committee engagement and participation in faculty programmes, events and projects.
- Supervising staff project, both academic and practical ones.
- Supervising student training and skills development.
- Editor of the faculty newsletter
- Preparing and presenting of management reports at board level.
- Scientific and Administrative in charge for a number of research project at the Faculty.

22 April 2019 – 2 May 2019 *Visiting Professor at the languages and cultures of pre-Islamic Arabia Institute,* University of Toulouse-Jean Jaurès. Toulouse: France.

28 March 2019 – till now *Vice - President of the Jordan Friends of Archaeology and Heritage (FOAH).* Amman: Jordan.

17 January 2019 – till now *Vice - President of the International Council on Monuments and Sites (ICOMOS) – Jordan.* Amman: Jordan

4 September 2016 -till now *Member of the Hashemite University Higher Council,*
The Hashemite University. Zarqa - Jordan.

F a d i A . B a l a ' a w i

- 29 April 2017 -till now** *Member of the Hashemite University Higher Governance Council*, The Hashemite University. Zarqa – Jordan.
- 10 October 2016- till now** *Chair of the Conservation Group, Integrated Management Plan (IMP) for the Petra World Heritage Site under the coordination of UNESCO Amman Office.* Amman – Jordan.
- 4 September 2016- 1 October 2017** *Head of the Conservation Science Department*, Queen Rania Faculty of Tourism and Heritage, The Hashemite University. Zarqa - Jordan.
- 1 January 2016 - 1 July 2016** **Dean Assistant**, Queen Rania Faculty of Tourism and Heritage, The Hashemite University. Zarqa - Jordan.
- 1 September 2013- 20 September 2015** *Head of the Conservation Science Department*, Queen Rania Faculty of Tourism and Heritage, The Hashemite University. Zarqa - Jordan.
- 30 September 2014 - till now** *Associated Professor at the Conservation Science Department.* Queen Rania Faculty of Tourism and Heritage, The Hashemite University. Zarqa - Jordan
- 5 November 2013 – 15 September 2014** *Head of the Cultural Resources Management and Museums Department*, Queen Rania Institute of Tourism and Heritage, The Hashemite University. Zarqa - Jordan.
- 10 September 2006 - 1 November 2014** *Assistant Professor at the Conservation Science Department.* Queen Rania Institute of Tourism and Heritage, The Hashemite University. Zarqa - Jordan.
- 1 March 2014 - till now** *Associated Professor at Department of Cultural Resources Management* (Joint member) , Queen Rania Institute for Tourism and Heritage, Feb 2007- 2011
- 10 October 2011- 2 September 2012** **Member of the Higher Research Evaluation and Support Committee**, The Hashemite University. Zarqa - Jordan.
- 1 June 2010 – 22 September 2011** *Dean Assistant for Academic and Student Affairs*, Queen Rania Institute of Tourism and Heritage, The Hashemite University. Zarqa - Jordan.

F a d i A . B a l a ' a w i

- 5 June 2011 – 1 September 2011** *Head of the Sustainable Tourism Department*, Queen Rania Institute of Tourism and Heritage, The Hashemite University. Zarqa - Jordan.
- 27 Sep. 2009 – 22 Sep. 2011** *Head of the Conservation Science Department*, Queen Rania Institute of Tourism and Heritage, The Hashemite University. Zarqa - Jordan.
- 12 Dec.2010 – 18 Dec.2010** **Acting Dean**, Queen Rania Institute of Tourism and Heritage, The Hashemite University. Zarqa - Jordan.
- 16 January 2011- till now** *Member of the Supervisory Board for the FP7 International Project (New Archaeological Research Network for Integrating Approaches to ancient material studies)*. Funded by the European Union.
- 12 October 2011- till 1 September 2015** *Scientific and Administrative in charge at the Jordanian Side in the EU Project "New Archaeological Research Network for Integrating Approaches to ancient material studies "*, FP7 project. Funded by the European Union. Projects budget 4.6 Million Euro.
- 1 September 2011 – 30 November 2011** *Project Museum Design Specialist (Consultant) & Researcher in Archaeology and History*, Jerash Visitor Centre Upgrade Project, Archisys Group, Amman- Jordan.
- 11 September 2011- September 2013** *Member of the Accreditation Board for Cultural Resources Management and Conservation Degrees*, Higher Education Accreditation Commission, Amman-Jordan.
- 30 May 2011 – 28 June 2012.** *Member of the Special Board for the Conservation and Restoration work at the World Heritage Site of Petra, Jordan*. Department of Antiquities, Ministry of Tourism and Antiquities, Amman - Jordan.
- 16 August 2010 – 1 August 2011** *Consultant and Special Advisor for the Advisory and Operational Board of the Jordan Museum of Popular Traditions*, Department of Antiquities, Ministry of Tourism and Antiquities, Amman - Jordan.

F a d i A . B a l a ' a w i

- 16 August 2010 –1 August 2011** *Consultant and Special Advisor for the Advisory and Operational Board of the Amman's Folklore Museum*, Department of Antiquities, Ministry of Tourism and Antiquities, Amman - Jordan.
- 15 July 2010 – till now** *Consultant and Special Advisor for Zarqa Open Air Museum*, Hashemite University, Zarqa-Jordan.
- 12 October 2010- 22 September 2011** *Member of the University Higher Council*, the Hashemite University. Zarqa-Jordan.
- 1 October 2010- till now** *Academic Consultant for the Tourism and Heritage Club*, Deanship of Students' Affairs, The Hashemite University. Zarqa - Jordan.
- 3 December 2008- September 2009** *Consultant and Special Advisor for the Education Department*, Children Museum, Amman - Jordan.
- 1 October 2007 – 5 March 2010** *Consultant and Special Advisor for Salt Eco-museum*, Ministry of Tourism and Antiquities, Amman - Jordan.
- 5 August 2007 – 5 March 2010** *Consultant and Special Advisor for the Historical Old Salt Museum*, Ministry of Tourism and Antiquities, Amman - Jordan.
- 1 January 2008- 20 July 2008** *Lecture in Material Science*, Department of Design & Applied Arts, Faculty of Fine Arts, , Yarmouk University, Irbid - Jordan.
- 15 July 2007–17 Sep.2007** *Representative of the Jordanian Side in the Final Evaluation of the Technical Cooperation Project "Tourism Development through Museum Activities" (TDMAP)*, Ministry of Tourism and Antiquities, Amman - Jordan.
- 30 May 2003- 15 June 2006** *Senior Visitor Assistant/acting Duty Manger* (Part-Time) Museum of London and Museum in Docklands, UK.
- 5 July 2001- December 2001** *Conference and Event Supervisor* (Part-Time) University of London Union, UK
- 1 September 1998- 1 June 2001** *High School Teacher*, AL-Ramth High School, Ministry of Education, Ramth - Jordan.

Curriculum Vitae

Fadi A. Bala'awi

- 1 January 1999- 16 July 1999** *Research Assistant* (Part-Time)
The German- Technical Cooperation (GTZ), Petra- Jordan.
- 3 August 1999-28 February 2000** *Research Assistant* (Part-Time)
Natural Resources Authority, Amman-Jordan.
- 1 Oct.1997- 30 Nov. 2000** *Research Assistant* (Part-Time)
Earth and Environmental Department
Faculty of Science, Yarmouk University, Irbid-Jordan.
- 1 December 1997- 17 July 2000** *Teaching Assistant* (Part-Time)
Earth and Environmental Department
Faculty of Science, Yarmouk University, Irbid- Jordan.

Publication:

- **Bala'awi, F.** and Abu Aballi, S., 2019. Climate monitoring and Damage Assessment Model: A Case Study from the Praetorium at Umm El-Jimal Archaeological Site, Jordan. *Jordan Journal of Earth and Environmental Sciences (JJEES)*. Accepted on 6 February 2019. Volume and pp TBC.
- **Bala'awi, F.**, Alshawabkeh, Y., Almasri, E., and Mustafa, M., 2018. Salt Damage and Environmental Conditions: A Thermodynamic Approach from the Northern Theatre in Jerash, Jordan. *Mediterranean Archaeology & Archaeometry Journal (MAA)*. Vol. 18, No. 2, pp.49-66.
- Almasri, E., Mustafa, **M.**, **Bala'awi, F** and Al Rousan, R., 2018. Medusa in Nabatean, Hatan and Palmyrene Cultures. *Mediterranean Archaeology & Archaeometry Journal (MAA)*. Vol. 18, No. 3, pp.89-102.
- Almasri, E., **Bala'awi, F** and Alshawabkeh, Y., 2017. An Artistic Mythological and Documentary Study of the Atargatis Panel from Et-Tannur, Jordan. *Acta Ant. Hung* Vol. . 57, 2017, 515–534.
- Tenconi, M., , Karatasios, I., **Bala'awi , F.** and Kilikoglou, V., 2018. Technological and Microstructural Characterization of Mortars and Plasters from the Roman Site of Qasr Azraq, in Jordan. *Journal of Cultural Heritage*. Vol. 33 (2018) pp: 100-116.
- Almasri, E., Alshawabkeh, Y., **Bala'awi, F.**, and Shawater, A., 2017. An Enthroned Tyche Statue From Gadara Um Qais, Jordan. *Acta Historia*, Vol. 58, 2017, pp 5-20.

F a d i A . B a l a ' a w i

- **Bala'awi, F.** and Mustafa, M., 2017. Cultural Heritage Site under Risk: A Case Study from Petra, Jordan. *Mediterranean Archaeology & Archaeometry Journal (MAA)*. Vol. 17, No. 1, pp.1-14.
- **Bala'awi, F.** and Omari, B., 2016: The Role of Airline Companies in Tourism Promotions: The Royal Jordanian as case study. *Proceeding of the First international Conference in Tourism Management and Heritage Conservation*. Zarqa : Hashemite University: 15-18 March 2016, pp: 23-26.
- **Bala'awi, F.**, and Borani, N., 2016: The Role of Jordanian Museums in Tourism Promotion. *Proceeding of the First international Conference in Tourism Management and Heritage Conservation*. Zarqa : Hashemite University: 15-18 March 2016. Pp:57-61.
- **Bala'awi, F.**, and Barthgothi, N., 2016: Evaluation of Conservation works in Jordanian Museums: A comparative study from selected Jordanian Museums. . *Proceeding of the First international Conference in Tourism Management and Heritage Conservation*. Zarqa : Hashemite University: 15-18 March 2016, pp:27-33.
- Tenconi, M., and F., **Balaawi 2014** . Al Azarq Castle, Jordan: The characterization of building mortars and The preservation of the architectural structures. *Journal of Archaeological Science* (in process).
- Mustafa, M. and **Balaawi, F.**, 2013. Evaluating Visitor Management at the Archaeological Site of Petra. *Mediterranean Archaeology & Archaeometry Journal (MAA)*. Vol. 13 No. 1, pp: 77-87.
- P.,Warke, B., Smith , **F.**, **Bala'awi** and F., Ishakat. Rapid base-line condition assessment of rock-cut tombs at Petra: a case study in prioritizing intervention and effective targeting of funding. Proceeding of The first multidisciplinary conference on the natural and cultural history of Wadi Rum. March 2013. Lyon University Publication.
- F., Alawneh and **F., Bala'awi**, 2012. Chemical and Mineralogical Study of Nabataean Painted Pottery from Petra, Jordan. *Mediterranean Archaeology & Archaeometry Journal (MAA)*. Vol. 12, No 2, pp.183-191.
- F., Alawneh, R., Alghazawi, and F., Balaawi, 2012. Culture Heritage and the Idea of Jordan Museums. *Journal of Asian Social Science*. Vol. 8, No. 7; June 2012. pp: 104-109.

F a d i A . B a l a ' a w i

- **Bala'awi, F.**, Alawneh, F., Alshawabkeh, Y., and Hadad, N., 2012. Physical and Mechanical Properties of Historic Building Materials: Towards Conservation and documentation of Qusayr Amra in Jordan. *Jordan Journal for History and Archaeology*. Vol. 6, No. 1. pp: 105-128.
- Waheeb, M., Jodeah, S. and **Bala'awi, F.**, 2012. **Jordan Desert Castles: Historical Introduction in Creation and Architecture**. Vol. 1. Dar Yafa Publication. 159p.
- **Bala'awi, F.**, Alshawabkeh, Y., Alawneh, F., and Al Masri E., 2012. Assessment and Digital 2D-3D Documentation of Petra Treasury. *Mediterranean Archaeology & Archaeometry Journal (MAA)*. Vol. 12, No 2, pp: 21- 41.
- Alawneh, F., and **Bala'awi, F.**, Alshawabkeh, Y. and Hadad, N., 2011. Analytical Identification and Conservation Issues of Painted Plaster from Qaser Amra in Jordan. *International Journal of Conservation Science*. Volume 2, Issue 4, October - December 2011: 235-250.
- Almasri., E., Alawneh, F., and **Bala'awi, F.**, 2012. Nabataean Jewellery and Accessories. *Ancient Near Eastern Studies*. Vol. 49; (2012). pp:150-175.
- Gomez-Heras M., Lopez-Arce P., **Bala'awi F.**, Vazquez-Calvo de Buergo M. and Allawneh F. Characterisation of salt combinations found at the ‘Silk Tomb’ (Petra, Jordan) and their possible sources. *Proceedings of Salt Weathering on Buildings and Stone Sculptures Conference* , 19-22 October 2011, University of Cyprus, Limassol – Cyprus, pp: 81-88.
- **Bala'awi, F.**, 2011. Salt Weathering at Petra, Jordan: A Thermodynamic Approach. *Proceedings from the International Conference: Conservation of Architecture, Urban Areas, Nature & landscape Towards a Sustainable Survival of Cultural Landscape (Heritage 2011)*, Vol. 1, The Centre for Study of Architecture in the Arab Region (CSAAR Press), Amman – Jordan, pp. 309-323.
- Alawneh, F., and **Bala'awi, F.**, 2011. Integration of Invasive and Non-Invasive Techniques for the Analysis and Documentation of Desert Umayyad Castel, Jordan. . *Proceedings from the International Conference: Conservation of Architecture, Urban Areas, Nature & landscape Towards a Sustainable Survival of Cultural Landscape (Heritage 2011)*, Vol. 1, The Centre for Study of Architecture in the Arab Region (CSAAR Press), Amman – Jordan, pp. 325-336.
- **Bala'awi, F.**, Alawneh, F., Alshawabkeh, Y., and Waheeb. M., 2011. Conservation Work at Petra: What has been done and what is needed. *Proceedings from the International Conference: Conservation of Architecture, Urban Areas, Nature & landscape Towards a Sustainable Survival of Cultural Landscape (Heritage 2011)*, Vol. 2, The Centre for Study of Architecture in the Arab Region (CSAAR Press), Amman –Jordan, pp. 267-284.

F a d i A . B a l a ' a w i

- Waheeb. M., **Bala'awi, F.**, and Alshawabkeh, Y., 2011. The Hermit Caves in Bethany Beyond the Jordan (Baptism Site). *Ancient Near Eastern Studies*, vol. 48 (2011) via 'SendIt'. pp: 177-198.
- **Bala'awi, F.**, 2010. Conservation and Management Plan for a Lost World Heritage Site in the Jordan Desert: Quseir Amra. *American Journal of Archaeology*. Vol 114. No3 Press and news. pp: 504-545.
- Alshawabkeh, Y., **Bala'awi, F.**, and Haala, N., 2010. 3D Digital Documentation, Assessment and Damage Quantification of Al-Deir Monument in Ancient Petra City of Jordan. *Journal of Conservation and Management of Archaeological Sites*. Vol.12 No.2 May 2010. pp: 124-145.
- Alawneh, F., **Bala'awi, F.**, and Waheeb. M., 2012. Environmental pollution, a threat to the archaeological sites, heritage and tourism in Zarqa, Jordan. *Journal of faculty of art, Ain shams University*, Vol.39, (April- June 2011), Cairo, Egypt: Ain Shams University Publication. pp.: 375-386. Accepted for publication on 9 May 2010.
- Alawneh, F., and **Bala'awi, F.**, 2012. Clay Minerals and Salt: Their Combined Role in Porous Materials Decay. *Journal of faculty of art, Ain shams University*, Vol.40. Cairo, Egypt: Ain Shams University Publication. Accepted for publication on 16 June 2010.
- **Bala'awi, F.**, and Prokes, P., 2011. Salt mixture phase equilibria: a tool of preventive conservation against salt weathering. *Journal of faculty of art, Ain shams University*, Vol.39, (April- June 2011), Cairo, Egypt: Ain Shams University Publication. pp.: 361-374. Accepted for publication on 28 February 2010.
- Prokes, P., and **Bala'awi, F.**, 2011. Wind Speed and Salt simulation tests: What is really needed? *Journal of faculty of art, Ain shams University*, Vol.39, (June- March) Cairo, Egypt: Ain Shams University Publication. pp.: 355-370. Accepted for publication on 28 February 2010.
- **Bala'awi F.**, and Alawneh, F., 2010. Physical and Chemical Investigations of Ancient Ceramic, Jordan. *Journal of faculty of art, Alexandrian University*, Vol.61. Alexandrian, Egypt. pp: 137-155.
- **Bala'awi, F.**, 2008. Petra monuments and salt damage: challenges and prospective. *The Sixth International Conference on Science and Technology in Archaeology and Conservation*, 9-12 December 2008, Rome - Italy .
- **Bala'awi, F.**, 2008. Wind speed and Salt Simulation tests: Toward a more comprehensive approach. *Proceedings from the International Conference: Salt Weathering on Buildings and Stone Sculptures*, 22-24 October 2008, The National Museum, Copenhagen, Denmark, pp:41-50.

F a d i A . B a l a ' a w i

- Prokes, P., and **Bala'awi, F.**, 2008. *Salt weathering in the Costal Environment: A Thermodynamic Approach. In the proceedings of 11th International conference on deterioration and conservation of stone*, Volume 1, Nicolaus Copernicus University Press, Torun – Poland, pp:233-241.
- **Bala'awi, F.**, 2007. Salt Damage at Petra, Jordan: A Study of the Effects of Wind on Salt Distribution and Crystallisation. *The Fifth International Conference on Science and Technology in Archaeology and Conservation*, 7-10 July 2007, Baeza - Spain. (In press).
- **Bala'awi, F.**, 2007. Environmental Conditions and Salt Damage: A New Approach. *Proceedings of the 14th International Conference for Building and Construction (INTER BUILD EGYPT)*, 21- 25 July 2007, Cairo: Egypt. pp 749-758.
- **Bala'awi, F.**, 2006. Challenges and limitation of conservation work: A case study from the world heritage site of Petra, Jordan. *In Challenges in Preserving and Managing Jordan's Cultural Heritage Resources Conference*, 5-7 December 2006, Yarmouk University, Irbid- Jordan. (In press).
- **Bala'awi, F.**, 2006. Salt Damage at Petra, Jordan: A Study of the Effects of Wind on Salt Distribution and Crystallisation. *Unpublished PhD Thesis*. London: University College London. 646p
- **Bala'awi, F.**, 2002. Conservation Work at Petra: A Critical Review. *Unpublished MA Dissertation*. London: University College London. 105p.

Research Interests

- Conservation and management of heritage sites
- Digital Documentation of heritage materials
- Museum Management
- Weathering mechanism of historical sites and monuments.
- Tourism management
- Interpretation of archaeological sites
- Tourism Economic
- Tourism impacts on archaeological sites
- Tourism Industry.
- Ethics and standards of conservation work
- Cultural Tourism
- Stone Conservation
- Sustainable Tourism
- Tourism Development
- Petrography and geochemical analysis of stone materials.

F a d i A . B a l a ' a w i

- Physical and chemical analysis of archaeological materials
- Preventive conservation
- Conservation and management plans for archaeological sites
- History of art
- Archaeometry
- Conservation of archaeological artefacts
- Public Archaeology
- Management of archaeological site
- Learning in Museums.
- Collection care in museums.

Course taught

- Principles of Conservation Science (Hashemite University, Jordan)
- Conservation science and Tourism planning (Hashemite University, Jordan)
- Introduction to Museology (Hashemite University, Jordan)
- Tourism and Travel Impacts (Hashemite University, Jordan)
- Interpretation of Heritage site (Hashemite University, Jordan)
- Archaeological Sites in Jordan (Hashemite University, Jordan)
- Archaeometry. (Hashemite University, Jordan)
- Tourism Planning (Hashemite University, Jordan)
- Conservation of historical buildings. (Hashemite University, Jordan)
- Tourism Industry (Hashemite University, Jordan)
- Event Management and Planning (Hashemite University, Jordan)
- History of Architecture 1 (Hashemite University, Jordan)
- History of Architecture 2 (Hashemite University, Jordan)
- Exhibition Design (Hashemite University, Jordan)
- Conservation of Inorganic Material (Hashemite University, Jordan)
- Tourism Resources and Types 2 (Hashemite University, Jordan)
- Advanced topics in conservation science 2 (Hashemite University, Jordan)
- History of Art (2) (Hashemite University, Jordan)
- Archaeology and Tourism Science (Hashemite University, Jordan)
- Archaeology Science (1) (Hashemite University, Jordan)
- Interpretation of Archaeological Sites (Hashemite University, Jordan)
- Learning through Museums (Hashemite University, Jordan)
- Care Collection Management (Hashemite University, Jordan)
- Advanced Topics in Museology (Hashemite University, Jordan)
- Management of Protected Areas (Hashemite University, Jordan)
- Archaeological Science (Hashemite University, Jordan)
- Archaeological site in Jordan (Hashemite University, Jordan)
- Conservation of glass and ceramic (Hashemite University, Jordan)

F a d i A . B a l a ' a w i

- Material Science (Yarmouk University, Jordan)
- Conservation in practice (University College London, UK)
- Management of archaeological sites and museums. (University College London, UK)
- Principles in conservation (University College London, UK)
- Petroleum Geology (Yarmouk University, Jordan)
- Geochemistry (Yarmouk University, Jordan)
- Hydrology (Yarmouk University, Jordan)
- Sedimentology (Yarmouk University, Jordan)
- General geology (Yarmouk University, Jordan)

Professional Affiliations

- The International Council on Monuments and Sites (ICOMOS) – Jordan.
- Jordan Friends of Archaeology and Heritage (FOAH).
- Arabic Institute of Conservation (AICC)
- Forum UNESCO - University and Heritage International Network (FUUH)
- The Institute of Conservation, UK (ICON)
- Canadian Conservation Institute (CCI)
- Conservation Scientist Association (CSA)
- British Academy (BA)
- Petri Museum Friends (PMFs)
- Jordanian Geologists Association (JGA).

Conferences and Workshops

- Delegate and Session chair at International Conference on the History and Archaeology of Jordan “Culture in Crisis: Flows of Peoples, Artifacts and Ideas”. Organized by the Department of Antiquities of Jordan and the University of Florence. Florence (Italy) **21-25 January 2019**.
- Keynote speaker at “Domestication of rainwater in Mediterranean basin and community involvement”, **28-29 May 2018** in Aix-en-Provence, France.
- Keynote speaker at the symposium “Easter Mediterranean Science and Technology Centre of Excellence for Archaeology and Cultural Heritage” (acronym MedSTACH). organized by The Cyprus University of Technology (CUT), the University of Cyprus, the Department of Antiquities of Cyprus, and the Cyprus Tourism Organisation. University of Cyprus: Nicosia, **31 January 2018**.

F a d i A . B a l a ' a w i

- Head of the organization committee of first international conference in Tourism Management and Heritage conservation. Organized by the faculty of Tourism and Heritage at The Hashemite University in collaboration with Scientific Research Support Fund in Jordan. Hashemite University, Zarqa, **15 - 18 March 2016**.
- Head of the scientific and organization committee of the national workshop: Tourism Security Requirements: Reality and Ambition. Organized by the Tourist police Department in Jordan and The Hashemite University. Century Park Hotel, Amman, **29 October 2015**.
- Head of the scientific and organization committee of the international conference: Conservation Work in Jordan: What has been done and what is needed. Organized by the Hashemite University and The University College London, Qatar Branch, Amman -Jordan **8-9 April 2015**.
- Head of the scientific and organization committee of the international conference and training course: Conservation, Documentation and Management of Archaeological Sites: Challenges and New approaches. Organized by the Hashemite University and European Union Research project NARNIA. Zarqa - Jordan, **6-10 April 2014** .
- Head of the scientific committee of the Man and the Deseret: The Second Multidisciplinary Conference on the Natural and Cultural History of Wadi Rum. Organized by The Aqaba Special Economic Zone Authority Nancy 2 University (France), Lyon 2 University (France), the Institute franadu Proche-Orient (IFBO), the French Institute in Jordan and the cooperation and Cultural Affairs section of the French embassy in Jordan, **5-7 March 2014**.
- Delegate and Participant of the training course "Mosaic in the field. Issues in iconography, material selection and preservation. Organized by the University of Cyprus in Nicosia between **11th and 14th of October 2012**.
- Delegate and Member of the Advisory Board at the Secondt Annual Meeting of the New Archaeological Research Network for Integrating Approaches to Ancient Material Studies (NARNIA FP7 project), **8-10 October 2012**, Nicosia- Cyprus, Cyprus University.
- Delegate and Member of the Advisory Board at the First Annual Meeting of the New Archaeological Research Network for Integrating Approaches to Ancient Material Studies (NARNIA FP7 project), 6-8 December 2011, Nicosia- Cyprus, Cyprus University.
- Delegate and Member of Organization Committee at the Man and the Deseret: The First Multidisciplinary Conference on the Natural and Cultural History of Wadi Rum. Organized by The Aqaba Special Economic Zone Authority Nancy 2 University (France), Lyon 2 University (France), the Institute franadu Proche-Orient (IFBO), the French Institute in Jordan and the cooperation and Cultural Affairs section of the French embassy in Jordan, **11-13 November 2011**. Paper title: Rapid base-line assessment of rock-cuts tombs at Petra: a case study in prioritizing intervention and effective targeting of funding.

Curriculum Vitae

F a d i A . B a l a ' a w i

- Head of the Scientific and Consultation Board for the Third Jordanian Historical Houses Conference (*Darrat Ordonia*), titled in: Toward a National Strategy for Intangible Cultural Heritage, **26 April 2011**, Amman Municipality.
- Session Chairman at the First Tourism Meeting, Tourism Sector in Jordan: Current Status and Challenges, **14 April 2011**, Amman Private University, Amman-Jordan.
- Delegate at the Saraya Museum Conference, Al Saraya Days for Culture, Knowledge and art, **28-31 March 2011**, Saraya Museum, Irbid-Jordan. Paper title: Learning through Museums: New Approach.
- Delegate and Member of the Organization Committee at the *Berrain & Russeifa* Tourism Development Workshop, **16 February 2011**, *Berrain* Municipality, Zarqa- Jordan. Paper title: The Role of Conservation and Restoration in Tourism Development: A case study from the Islamic Mosques in al Zarqa City.
- Delegate at Qusarir Amra Workshop, **2-3 February 2011**, Amman Jordan. Organized by The Department of Antiquities in Jordan World Heritage Fund, ISCR and *UNESCO*. Paper title: Laser scanning and site analyses
- Head of the Organization Committee for The International Conference on Digital Media and its Application in Cultural Heritage (DMACH 2011). 14-16 March, 2011 Amman –Jordan.
- Head of the Organization Committee for the International Conference *Heritage 2011: Conservation of Architecture, Urban Areas, Nature & Landscape: Towards a Sustainable Survival of Cultural Landscape*. **14-16 March, 2011** Amman –Jordan.
- Member of the Scientific Committee for the International conference *Heritage 2011: Conservation of Architecture, Urban Areas, Nature & Landscape: Towards a Sustainable Survival of Cultural Landscape*. **14-16 March, 2011** Amman –Jordan.
- Delegate at the *Development Tourism Future in Petra Region Conference*. **17-18 February 2010**. Bait Al_Anbat: The Arab Forum for Cultural Interaction Jordan, Wadi Musa –Petra, Jordan. Paper title: Petra Monuments and Salt Damage: Challenges and Prospective.
- Delegate in *the Science and Conservation for Archaeology and Cultural Heritage in the Eastern Mediterranean Region Conference*, **8-9 November 2009**. Amman Jordan. The Science and Technology in Archaeology Research Center (STARC), the Cyprus Institute. Paper title: Salt Simulation Tests and Cultural Heritage Sites.

F a d i A . B a l a ' a w i

- Delegate at *The Second Workshop on Science and Technology*, **5-8 July 2009**, organized by the Aristotle University of Thessaloniki (Greece) and Yarmouk University (Jordan), Irbid Jordan. Paper Title: Conservation Science: The Way Forward.
- Delegate in *The Sixth International Conference on Science and Technology in Archaeology and Conservation*, **9-12 December 2008**, Rome – Italy. Paper Title: Challenges and Limitations of Conservation Work: A Case Study from a Research in Salt Damage in the World Heritage.
- Delegate in *the International Conference: Salt Weathering on Buildings and Stone Sculptures*, **22-24 October 2008**, The National Museum, Copenhagen, Denmark. Paper title: The Role of Wind Speed in Salt Crystallization and Distribution.
- Delegate in *The 11th International Conference on Deterioration and Conservation of Stone*, **15-20 September 2008**, Torun – Poland. Paper title: Salt weathering in the Coastal Environment: A Thermodynamic Approach.
- Co-ordinator of the *Museum Visitor Studies Workshop* organized by the Hashemite University and the Ministry of Tourism and Antiquities, **18 November 2007**, Dead Sea Museum- Jordan. Workshop title: Museum Visitor studies: A case study from Jordan.
- Co-ordinator of *the Learning Through Museums Workshop* organized by the Hashemite University and the Ministry of Tourism and Antiquities, **18 November 2007**, Dead Sea Museum- Jordan Workshop title: Learning Through Museums: The Jordanian Museums Experience.
- Delegate in *The Fifth International Conference on Science and Technology in archaeology and Conservation*, **7-10 July 2007**, Baeza- Spain. Paper title: Salt Damage at Petra, Jordan.
- Delegate in *The 14th International Conference for Building and Construction (INTER BUILD EGYPT)*, **21- 25 July 2007**, Cairo: Egypt. Paper title: Environmental Conditions and Salt Damage: A New Approach.
- Delegate in *Challenges in Preserving and Managing Jordan's Cultural Heritage Resources*, **5-7 December 2006**, Yarmouk University, Jordan. Paper Title: Challenges in Conservation Work: A case Study from the World Heritage Site of Petra, Jordan.
- Delegate in *The Science of Galleries Conference*, **17 February 2005**, British Museum, UK. Paper title: Museum Environment: The case of Jordan.
- Delegate in *The Archaeology of the Near East Conference*, **8-9 January 2005**, Oxford University, UK.

Curriculum Vitae

F a d i A . B a l a ' a w i

- Delegate in *Third International Conference on Science and Technology in Archaeology and Conservation*, **7-11 December 2004**, Hashemite University, Jordan. Paper Title: Conservation Work at World Heritage Site of Petra: Critical Review.
- Delegate in *Second International Conference on Science and Technology in Archaeology and Conservation*, **7-11 December 2003**, Hashemite University, Jordan. Conservation Work in Jordan: Challenges and Prospective.
- Delegate in *Salt Damage Expert Conference*, **27-30 November 2002**, Prague – Czech Republic. Paper title: Salt Desalination: The Way Forward.
- Attendant of the *UNESCO Desertification Conference*, **11-14 November 2000**, Irbid-Jordan.
- Attendant of *The 7th Jordanian Geological Conference*, **1-6 December 1999**, Amman – Jordan.
- Attendant of *The 6th Jordanian Geological Conference*, **6-15 October 1998**, Amman – Jordan.

Projects and Prizes

Projects:

- **Scientific and administrative in charge for the Jordanian side in the EU project "New Archaeological Research Network for Integrating Approaches to ancient material studies "**, FP7 project. Funded by the European Union. Projects budget 4.6 Million Euro. October 2010.
- **Main Researcher** in the research found project founded by The ministry of Higher Education. *Cultural Heritage Sites under Risk: The Case of Jordan*. 25 March 2010.
- **Co-ordinator and Jordanian Team Leader** of *Environmental Conditions and Preventive Conservation at the World Heritage Site of Petra, Jordan*. Funded by the Spanish Agency (PCI) Technical Cooperation Office, Spain. Project period: from 17 January 2010 to 17 January 2011.
- **Main researcher** in the research founded by Hashemite University. *Preventive Conservation at the World Heritage Site of Petra, Jordan*. Project period October 2010 till December 2011.

F a d i A . B a l a ' a w i

Awards:

- **Hashemite University Distinction award**, April 2015. The Hashemite University. Zarqa - Jordan. (For the second time in row).
- **Hashemite University Distinction award**, April 2014. The Hashemite University. Zarqa - Jordan.
- **Ideal Employer Prize for 2011**, Queen Rania Institute of Tourism and Heritage. The Hashemite University. Zarqa - Jordan.
- **Ideal Faculty Member Prize for 2010**, Queen Rania Institute of Tourism and Heritage. The Hashemite University. Zarqa – Jordan.
- **Award of Excellence and Scientific Excellence 2000**, Yarmouk University, Irbid-Jordan.

Membership of the Scientific and Administrative Committees in the Hashemite University

- 8 September 2018 – till now: Member of the university's primary disciplinary council, The Hashemite University. Zarqa – Jordan.
- 3 April 2018 – till now: Member of the university higher committee to revise the university registration regulation and procedures, The Hashemite University. Zarqa – Jordan.
- 4 September 2016 – till now: Member of the committee to decide the cases of the student, The Hashemite University. Zarqa - Jordan.
- 4 September 2016 – till now: Chairman of the Committee on Budget and Finance at the Queen Rania Faculty of Tourism and Heritage, The Hashemite University. Zarqa - Jordan.
- 4 September 2016 – till now: Chairman of the Committee on Conferences and Seminars at the Queen Rania Faculty of Tourism and Heritage, The Hashemite University. Zarqa - Jordan.
- 4 September 2016 – till now: Chairman of the Recruitment and Promotion Committee at the Queen Rania Faculty of Tourism and Heritage, The Hashemite University. Zarqa - Jordan.

F a d i A . B a l a ' a w i

- 4 September 2016 – till now: Chairman of the Committee of Public Safety in the Queen Rania Faculty of Tourism and Heritage, The Hashemite University. Zarqa - Jordan.
- 4 September 2016 – till now: Chairman of the Committee of Marks in the Queen Rania Faculty of Tourism and Heritage, The Hashemite University. Zarqa - Jordan.
- 4 September 2016 – till now: Chairman of the Committee to decide the cases of the student in the Queen Rania Faculty of Tourism and Heritage, The Hashemite University. Zarqa - Jordan.
- 4 September 2016 – till now: Chairman of the Committee of Strategic and International Projects in the Queen Rania Faculty of Tourism and Heritage, The Hashemite University. Zarqa - Jordan.
- September 2012- till now: Member of the Queen Rania Institute of Tourism and Heritage Council, The Hashemite University. Zarqa - Jordan.
- January 2013 - till now. Member of the Higher Committee for the Military Museum at the Hashemite University, the Hashemite University. Zarqa - Jordan.
- September 2012 – September 2016: Chairman of the Scientific Research Committee. Department of Conservation Science. Queen Rania Institute of Tourism and Heritage. The Hashemite University. Zarqa – Jordan.
- September 2012 – till now: Member of the Promotion and Employment Committee. Department of Conservation Science. Queen Rania Institute of Tourism and Heritage. The Hashemite University. Zarqa – Jordan.
- October 2011 till September 2012: Member of the Research Evaluation and Support Committee, the Hashemite University. Zarqa – Jordan.
- September 2009 – August 2011: Academic Consultant for the Tourism and Heritage Club, Deanship of Students' Affairs, The Hashemite University. Zarqa - Jordan.
- September 2009 – September 2011: Chairman of the Committee to Decide in Cases of Students. Queen Rania Institute of Tourism and Heritage. The Hashemite University. Zarqa – Jordan.

F a d i A . B a l a ' a w i

- September 2009 – September 2010: Chairman of the Graduate Studies Committee. Queen Rania Institute of Tourism and Heritage. The Hashemite University. Zarqa – Jordan.
- September 2009 – September 2010: **Chairman of the Scientific Research Committee.** Queen Rania Institute of Tourism and Heritage. The Hashemite University. Zarqa – Jordan.
- September 2009 – September 2010: **Chairman of the Finance Committee for Research Projects.** Queen Rania Institute of Tourism and Heritage. The Hashemite University. Zarqa – Jordan.
- September 2009 – September 2010: **Chairman of the Training and Development Committee.** Queen Rania Institute of Tourism and Heritage. The Hashemite University. Zarqa – Jordan.
- September 2009 – September 2010: **Chairman of the Course Schedule, Exams and Marking Committee.** Queen Rania Institute of Tourism and Heritage. The Hashemite University. Zarqa – Jordan.
- September 2010 – September 2011. **Member of the Graduate Studies Committee.** Queen Rania Institute of Tourism and Heritage. The Hashemite University. Zarqa – Jordan.
- September 2010 – till now. **Member of the Higher Committee for Museums.** Queen Rania Institute of Tourism and Heritage. The Hashemite University. Zarqa – Jordan.
- September 2009 – September 2011. **Member of the Budget Committee.** Queen Rania Institute of Tourism and Heritage. The Hashemite University. Zarqa – Jordan.
- September 2010 – September 2011: **Member of the Scientific Research Committee.** Queen Rania Institute of Tourism and Heritage. The Hashemite University. Zarqa – Jordan.
- September 2010 – September 2011: **The Official Media Spokesman for Queen Rania Institute of Tourism and Heritage.** Queen Rania Institute of Tourism and Heritage. The Hashemite University. Zarqa – Jordan.
- September 2010 – September 2011: **Member of the Appointment and Promotion Committee.** Queen Rania Institute of Tourism and Heritage. The Hashemite University. Zarqa – Jordan.

F a d i A . B a l a ' a w i

- July 2011- September 2013: *Spokesman and Academic Adviser for the Academic Program: Explorers Without Borders.* Deanship of Students' Affairs, The Hashemite University. Zarqa - Jordan.
- September 2007- September 2009: *Chairman of the laboratories and Equipment Committee. Queen Rania Institute* of Tourism and Heritage. The Hashemite University. Zarqa – Jordan.
- December 2010 – June 2012: *Member of the Special Higher Committee for the Simplification of Academic Procedures.* The Hashemite University. Zarqa – Jordan.
- September 2009 – September 2011: *Member of the Institute Web-page Committee.* Queen Rania Institute of Tourism and Heritage. The Hashemite University. Zarqa – Jordan.
- September 2009 – September 2010: *Member of the Sport Committee* Queen Rania Institute of Tourism and Heritage. The Hashemite University. Zarqa – Jordan.

Membership of the Scientific and Administrative Committees outside the Hashemite University

- 10 February 2019 – till now: Principle Investigator at the Mapping Digital Heritage in Jordan project founded by Newton Khaldi Found., Kings College London, United Kingdom.
- January 2018 – till now: *Member of the Newton Khaldi Research Group in Jordan.* Amman: Jordan.
- 10 October 2016 – till now: *Member and chair of conservation group at the Integrated Management Plan (IMP) for the Petra World Heritage Site under the coordination of UNESCO Amman Office.* Amman – Jordan.
- 3 June 2016 – till 29 May 2018: *Member of the Scientific Committee for the Domestication of rainwater in Mediterranean basin and community involvement project*". Aix-en-Provence, France.
- November 2011 – December 2015: *Member of the Supervisory Board for the FP7 International Project (New Archaeological Research Network for Integrating Approaches to ancient material studies).* Funded by the European Union.

F a d i A . B a l a ' a w i

- September 2011 – September 2013: *Member of the Accreditation Board for Cultural Resources Management and Conservation Degrees*, Higher Education Accreditation Commission, Amman- Jordan.
- May 2011 – May 2013: *Member of the Special Board for the Conservation and Restoration at the World Heritage Site of Petra, Jordan*. Department of Antiquities, Ministry of Tourism and Antiquities, Amman - Jordan.
- October 2010 – March 2011: *Head of the Organization Committee for the International Conference Heritage 2011: Conservation of Architecture, Urban Areas, Nature & Landscape: Towards a Sustainable Survival of Cultural Landscape*. 14-16 March, 2011 Amman –Jordan.
- October 2010 – March 2011. *Member of the Scientific Committee for the International Conference Heritage 2011: Conservation of Architecture, Urban Areas, Nature & Landscape: Towards a Sustainable Survival of Cultural Landscape*. 14-16 March, 2011 Amman –Jordan.
- July 2007 – September 2007: *Representative of the Jordanian Side in the Final Evaluation of the Technical Cooperation Project "Tourism Development through Museum Activities" (TDMAP)*, Ministry of Tourism and Antiquities, Amman - Jordan.

Special Courses

- *Leadership and Management Training Course*, Hashemite University, Zarqa: Jordan.
- *Budgeting in Museum Sector Training Course*, Tourism Development through museum sector, JAIC, Jordan.
- *Research design and Fund Raising Training Course*, University of Cyprus, Nicosia: Cyprus.
- *Cultural Heritage Practices: Issues of Archaeological Conservation and Site Preservation Training Course*, University of Cyprus, Nicosia: Cyprus.
- *Information Systems for Archaeology and Cultural Heritage Training Course*, Université Paris-Ouest , Paris –France.
- *Introduction to pXRF in Archaeology Training Course*, University of Sheffield, Sheffield: United Kingdom.

F a d i A . B a l a ' a w i

- *Mosaics in the field. Issues of iconography, material selection and preservation Training Course*, University of Cyprus, Nicosia: Cyprus.
- *Conservation, Documentation and Management of Archaeological Sites: Challenges and New approaches Training Course*, Hashemite University, Zarqa: Jordan.
- *Object Handling Training Course*, Museum of London, UK.
- *Working under Pressure Training Course*, University College London, UK.
- *Equal Opportunities at Work Training Course*, University College London, UK.
- *Advanced First Aid Training Course*, University College London, UK.
- *Management of Physical and Verbal Abuse Training Course*, Museum of London, UK.
- *Know Your Strengths at Work Training Course*, University of London Union, UK.
- *Fire Marshal Training Course*, University of London Union, UK
- *Fire Safety Training Course*, University of London Union, UK
- *Chemical Safety Handling Training Course*, University of London Union, UK.
- *Investment in People Training Course*, University of London Union, UK.
- *Basic Life Support Training Course*, University of London Union, UK.
- *Staff Management Training Course*, University of London Union, UK.
- *English Language Proficiency training course*, University College London, UK.

Fadi Bala'awi
May 2019