

# CURRICULUM VITAE



## ***I. Personal Information***

**Full Name** : AWWAD HUSNI MAH'D TITI  
**Date of Birth** : 15/9/1961  
**Marital Status** : Married  
**Nationality** : Jordanian  
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## ***I. Education and Qualifications***

- PhD - Opencast Mining Engineering, National Mining University of Ukraine, 2003-2006,,, Research “Adapting the open cast mining technology for the oil shale deposits of Jordan”
- Master – Opencast Mining Engineering, National Mining University of Ukraine, 1997-2000.

## ***II. Experience***

- 1989-1993: Mining Directorate, Natural Resources Authority (Mining Division)
- 1993-2001: Laboratory Directorate, Natural Resources Authority (Mineral processing Division)
- 2001-2003: Mining & Quarries Directorate, Natural Resources Authority (Quarries Division)
- Since 2006 : Mining & Quarries Directorate, Natural Resources Authority (Studies and Projects Assessment division), 2007 Ahead of Technical studies comity.
- Member of the Integrated Ecosystem Management in the Jordan Rift Valley comity.
- Member of scientific comity, N.R.A
- Lecturer: Al-Hussein bin Talal University since 9/9/ 2012.
- Ph.D. Academic Rank: Assistant Professor since 2013.
- Head of Department of mining Engineering since 15/9/2014 to 15/9/2017.
- Head of Department of Mechanical Engineering since 15/9/2014 to 15/9/2016

## ***III. The main duties:***

- Drilling supervision, sampling, and reporting.
- Mineral processing for several mineral reserves in Jordan and training the new engineers.
- Supervising and monitoring of quarries in Jordan.
- Supervising and following up with the issued mining rights and exploration licenses for local companies and evaluation of proposed mining location. General assessment of the pre feasibility studies of investors. Mining designer.
- Preparing technical studies and prefeasibility studies for mining projects.
- Rock Fragmentation by Blasting and Crushing, Processing of Oil Shale and Phosphate Rocks.
- Full time Lecturer: Department of mining Engineering Al-Hussein bin Talal University since 9/9/ 2012.

- Assistant Professor Department of mining Engineering Al-Hussein bin Talal University since 2013.

#### ***IV. Memberships***

- Jordan engineers association.
- Swedish international development Agency(Sida)
- Board member of the Faculty of Engineering/ Al-Hussein Bin Talal University.

#### ***V. Training***

- Labor safety and health.
- Scoping and Terms of Reference in environmental impact assessment.
- Public participation in environmental impact assessment report.
- Preparation of environmental impact assessment report.
- Diploma of E.I.A 2008.
- International training program (Air pollution management) Sweden.
- Diploma of Air pollution management. Sweden 2010.
- Training (mechanical machines) Venice /Italy 2015.

#### ***VI. Conferences***

- The Fifth Jordanian international mining conference, Amman 2007.
- Regional seminar of air pollution management (Sida), Aqaba 2010.
- Many scoping sessions.
- The Sixth Jordanian international mining conference, Amman 2011.
- The Seventh Jordanian international mining conference, Amman 2014.
- World Forum of Universities of Resources on Sustainable Development, St. Petersburg Mining University, Russia 2016.
- The Eighth Jordanian international mining conference, Amman 2017.

#### ***VII. Languages***

- Native language: Arabic
- Good command in English.
- Good command in Russian.

### ***VIII. Computer:***

- Using the following software: Excel, Word, Power Point, Access and Internet
- Corel draw , GIS programs.

### ***IX. Publications***

1. **Altiti Awwad (2001).** Prospects of Mining Jordanian Oil shale Deposits. Scientific Works of National Mining Academy of Ukraine. Dnepropetrovsk. T.2, 12. - With. 142-146.2.
2. **Titi Awwad H. (2003).** Mining Methods of the El-Lajjun Oil Shale. The Geotechnical Mechanics: International. Scientific work.-Dnepropetrovsk: Institute of geotechnical mechanics. N.S.poljakova HAH Ukraine. -. №.. 47. – With. 287-294.3
3. **Altiti Awwad (2004).** Adapting the Optimum Crushing Degrees of Rocks by Explosion with Application Cycle-Mining Method at El-Lajjun Deposit (Jordan). Engineering science. The bulletin of Zhitomir state technological university. №. 3 (30). - With. 154-157.4.
4. **Altiti Awwad (2004).** A choice of Mining Method for El-Lajjun Oil Shale Deposits (Jordan). Development of ore deposits. The Scientific and Technical Collection. Krivoi Rog. №.. 85. - with. 146-148.5.
5. **Altiti Awwad (2004).** Efficiency Excavate Medium Hardness Rocks and the Loosened Condition by Mining El-Lajjun Oil Shale Deposits. The Geotechnical Mechanics: International Scientific Works. - Dnepropetrovsk: Institute of Geotechnical Mechanics it. N.S.poljakova HAH Ukraine. - 2004. – №. 49. – With. 144-149.
6. **Titi Awwad (2006)** Alternative ways to solve energy problems (for example Jordan). International Scientific forum , Dnepropetrovsk, National Mining University , Ukraine. 2004 . – With. 114-118.
7. **Titi Awwad (2007)** . Rehabilitation old quarries in Jordan,, Natural Resources Authority report,120p.
8. **Titi Awwad (2007)** . Determination of mining methods and complex mechanization for oil shale deposits of Jordan, presentation at the fifth Jordanian international mining conference.

9. **Titi Awwad**, Mohammed Dweirj, Khalid Tarawneh (2015) - Environmental effects of the open cast mining, a case study :Irbid area ,North Jordan. Mining department, Faculty of Engineering , / Al-Hussein Bin Talal University Maan, Jordan. American Journal of Industrial and Business Management ,2015,5,404-423.
10. Hani Alnawafleh<sup>1,2\*</sup>, Khaled Tarawneh<sup>1</sup>, Khalil Ibrahim<sup>3</sup>, Khitam Zghoul<sup>3</sup>, **Awwad Titi<sup>1</sup>**, Rami Rawashdeh<sup>1</sup>, Khaled Moumani<sup>4</sup>, Ahmad Masri<sup>4</sup>-Characterization and Origin of the Miocene Mudawwara-Quwayra Basaltic Dike, Southern Jordan, International Journal of Geosciences, 2015, 6, 869-881.
11. Rami Al Rawashdeh<sup>a,\*</sup>, Gary Campbell<sup>b</sup>, **Awwad Titi<sup>a</sup>**.The socio-economic impacts of mining on local communities: The case of Jordan, The Extractive Industries and Society 3 (2016) 494–507.
12. Mohammad Dweirj 1\* Khalid Tarawneh 1 **Awwad Titi 1** Salaheddin Malkawi 2, Toward Site Selection of Permanent Geological Disposal for High-Level Nuclear Waste in Jordan, Journal of Environment and Earth Science . Vol.6, No.9, 2016
13. Mohammad Dweirj\*, Feras Fraige, Hani Alnawafleh, **Awwad Titi**. Geotechnical Characterization of Jordanian Limestone, Scientific Research Publishing Inc. Geomaterials, 2017. <http://www.scirp.org/journal/gm>.
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## RESEARCH INTEREST

1. Engineering Management
2. Engineering Economy
3. Industrial Minerals Underground Mining Methods
4. Surface mining methods
5. Drilling and Blasting
6. Mine Management and Economics
7. Mine Design
8. Mine Safety Engineering
9. Mine Environmental Engineering
10. Mine Reclamation

## ***COURSES TAUGHT***

11. Engineering Management
12. Engineering Economy
13. Industrial Minerals in Jordan Surface Mining Methods
14. Underground Mining Methods
15. Surface mining methods
16. Drilling and Blasting
17. Mine Management and Economics
18. Mine Design
19. Mine Safety Engineering
20. Introduction to Mining Engineering
21. Special Topics in Mining
22. Mine Environmental Engineering
23. Mine Reclamation

## ***REFERENCES***

### **1. Prof. Khalid Erkhayes Salem Al Tarawneh**

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### **2. Prof. Salah Salem Althyabat**

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