



Amani Abdallah Ali Assolie

جامعة عجلون الوطنية
Ajloun National University



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00962775709595

PROFILE

Department Chair,
Ajloun National
University.

EDUCATION

- ◆ **PH.D** - Civil Engineering – Traffic and Transportation Engineering, - (University of Sains Malaysia in Palau Penang - (2023).
- ◆ **Master** - Civil Engineering in Transportation Engineering - (The University of Jordan) – (2014).
- ◆ **Bachelor** - Civil Engineering– (Technical Tafila University) (2012).

Personal Data

Nationality: Jordanian

Contact

Address: Amman.

Phone: +962775709595

Email:

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WORK EXPERIENCE

- The University of Jordan, Teaching Assistance, 2013-2014.
- Al-Balqa Applied University, Lecturer (part time), 2015.
- Al-Isra University, Lecturer (part time), 2015.
- Philadelphia University, Lecturer, 2015 – 2022.
- Department Chair, Ajloun National University, Assistant professor, 2023 - 2024



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PROFESSIONAL ACTIVITIES

- Supervised field training - Department of Civil Engineering, Ajloun National University, 2023– 2024.
- Graduation Projects Coordinator -Department of Civil Engineering, Ajloun National University, 2023- 2024.
- Member of the Committee for Preparing Students for the University Proficiency Examination, Department of Civil Engineering, Ajloun National University, 2023-2024.
- Supervision on the design of parking and traffic studies, Engineering Consulting Office, Ajloun National University, 2017 – 2021.
- Supervised field training - Department of Civil Engineering, Philadelphia University, 2020 – 2022.
- Graduation Projects Coordinator -Department of Civil Engineering, Philadelphia University, 2017- 2022.
- Academic Advising Coordinator - Department of Civil Engineering, Philadelphia University, 2017-2022.
- Member of the Committee for Preparing Students for the University Proficiency Examination, Department of Civil Engineering, Philadelphia University, 2015-2022.
- Laboratories Affairs Committee, member, Faculty of Engineering, Philadelphia University, 2017-2022.
- ABET Committee, member, Faculty of Engineering, Philadelphia University, 2017-2022.
- Supervision on the construction and design of roads and traffic studies, Engineering Consulting Office, Philadelphia University, 2017 – 2021.
- Local Community Service Committee, Philadelphia University, 2018 -2020

SKILLS

- Project management
- Strong decision
- maker Complex
- problem solver
- Creative design
- Innovative Ability to work under pressure and keeping team work spirit.

Languages

**Arabic
English**



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Training Courses

- Training course (FT1901) including (latex, digital skills development, training on practical teaching, the use of virtual education in effective learning, learning basics and recruitment of virtual scenarios in effective learning, The development, academic and administrative training center, Philadelphia University, 2019.
- Training program for 12D Model Alignment and Road Design, Philadelphia University, 2018.
- Design of Specialized Roads by Autodesk civil 3D Model, Al-Anbar culture Center for Technology and Information Technology, October, 2013.
- Structural Engineering Software “PROKON”, Jordan Engineers Association, February, 2013.
- Structural Engineering Software “ETABS 9.5”, Jordan Engineers Association, February, 2013.
- Applications of Software Analysis and Design of High Rise Buildings (ETABS), The Engineers Training Center, July, 2011.
- Advanced 3D AutoCAD, Tafila Technical University, 2010 – 2011.
- Quantity Surveying, Tafila Technical University, 2010.



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TEACHING EXPERIENCE

The University of Jordan, Teaching Assistance, 2013-2014

- Engineering statistics
- Traffic engineering
- Highway engineering.

Al-Balqa Applied University, Lecturer (part time), 2015

- Pavement design.
- Transportation planning
- Traffic Engineering.

Al-Isra University, Lecturer (part time), 2015

- pavement design
- construction materials
- Traffic Engineering



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TEACHING EXPERIENCE

Philadelphia University, Lecturer, 2015 – 2022

- Traffic engineering
- Highway engineering
- Pavement design
- Transportation engineering
- Transportation planning
- Surveying
- Rail and airport engineering
- Engineering economy
- Engineering statistics
- Engineering geology
- Specifications, contracts and quantities surveying
- Soil mechanics
- Construction materials
- Computer applications in civil engineering.
- Graduation projects



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TEACHING EXPERIENCE

Department Chair, Ajloun National University, Assistant professor, 2023 - 2024

- Traffic engineering
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CONFERENCES AND WORKSHOPS

- The 10th AWAM International Conference on Civil Engineering (AICCE'22) On 15 To 17 February 2022.
- Shifting the Energy Efficiency to a New Level in Jordan: Integrating Ambient intelligence and Big data in the Built Environment: SEEN Jordan On 10 To 13 October 2021 and it was funded by British Council researcher links.
- Developing Jordan's Roadmap for Energy Efficient and Carbon Neutral Buildings On 10 To 13 June 2019 and it was funded by British Council researcher links.
- Scientific supervision of the workshop about the scientific articles through Wikipedia, Philadelphia University, 2018-2019.
- Scientific supervision of the workshop about Advanced 3D AutoCAD, Ajloun National University, 2023.
- Scientific supervision of the workshop about design roads by using Civil 3D, Ajloun National University, 2024.
- Scientific supervision of the workshop about Engineering Drawing, Ajloun National University, 2023.
- Scientific supervision of the workshop about Digital Manufacturing Techniques in Engineering, Crown Prince Foundation, 2024.
- The 11th Engineering Day about Renewable Energy and Green Buildings, Philadelphia University, 2016.



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Continued CONFERENCES AND WORKSHOPS

- The 11th Engineering Day about Renewable Energy and Green Buildings, Philadelphia University, 2016.
- The 13th Engineering Day about Civil engineering and its role in the local community, Philadelphia University, 2018.
- The 14th Engineering Day about Smart cities and cyber security, Philadelphia University, 2019.
- The scientific Day of Surveying Engineering, Al-Albait University, 2024



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PUBLICATIONS

- Assolie, A. A., Sukor, N. S. A., Khlifaf, I., & Abd Manan, T. S. B. (2023). Modeling of Queue Detector Location at Signalized Roundabouts via VISSIM Micro-Simulation Software in Amman City, Jordan. *Sustainability*, 15(11), 8451.
- Assolie, A. A. A., Sukor, N. S. A., & Khlifaf, I. (2024). State-of-the-Art Review of Signalized Roundabouts: Evaluation, Analyses, and Gaps. In *AWAM International Conference on Civil Engineering* (pp. 383-400). Singapore: Springer Nature Singapore.
- Assolie, A. A., Imam, R., Khlifaf, I., & Alobeidyeen, A. (2024). Modelling of Applying Road Pricing at Airport Highway via VISUM Micro-simulation Software in Amman City, Jordan.
- Assolie, A. (2024). Advanced modeling techniques using hierarchical gaussian process regression in civil engineering. *Asian Journal of Civil Engineering*, 1-14.
- Structural Engineering Software “ETABS 9.5”, Jordan Engineers Association, February, 2013.
- Assolie, A. A., Imam, R., Khlifaf, I., & Alobeidyeen, A. (2024). Modeling of Applying Road Pricing to Airport Highway Using VISUM Software in Jordan. *Sustainability*, 16(18), 8079.
- Salama, A. H. E. S., Assolie, A. A., & Alsafasfeh, A. (2024). Mechanical Performance and Microstructure Evolution of Nano-Titanium dioxide Enhanced Cement—A Comprehensive Experimental Analysis. *Advances in Science and Technology. Research Journal*, 18(7).



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Continued PUBLICATIONS

- Salama, A. H. E. S., Assolie, A. A., & Alsafasfeh, A. (2024). Experimental Analysis of Mechanical Performance and Microstructural Evolution in Cement Enhanced with Nano-Zinc Oxide. Accepted at The 10th Jordan International Chemical Engineering Conference.
- Ali, A. S. B., Al Allam, A. M., Assolie, A. A., Ali, S. I. A., & Bilema, M. (2024). Aged and unaged Parit Nipah peat modified asphalt. Accepted at The 9th Jordan International Civil Engineering Conference.