

C.V.



Prof. Dr. Eng. Ibrahim Mahamid

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Google scholar: <https://scholar.google.com/citations?user=LmY5RYMAAAAJ&hl=en>

PERSONAL INFORMATION:

- Nationality: Jordanian
- Gender: male
- Marital status: Married
- Date of birth: 13/12/1976

CAREER HISTORY:

- **Sep 2021 – Now**, Head and professor, Civil Eng. Department, Arab American University, Jenin, Palestine.
- **Sep 2018 – Aug 2021**, Associate professor, Civil Eng. Department, University of Prince Mugrin, Madinah, KSA.
- **Sep 2015 – Aug 2018**, Associate professor, Civil Eng. Department, Hail University, Hail, KSA.
- **Sep 2011 – Aug 2015**, Assistant professor, Civil Eng. Department, Hail University, Hail, Saudi Arabia.
- **Oct 2008 – Aug 2011**, PhD candidate, Civil Eng. Department, Norwegian University of Science and Technology, Trondheim, Norway.
- **Aug 2007 – Sep 2008**, Lecturer, Civil Engineering Dept., Birzeit University, Birzeit, Palestine.
- **Sep 2005 – Sep 2006**, Assistant Resident Engineer, ART Consultants, Dubai, UAE.
- **June 2002 – Sep 2005**, Civil Engineer, Aljohar Contracting Co., Ramallah – Palestine.
- **Sep 2001 – June 2004**, Research and teaching assistant. Civil Engineering Dept., Birzeit University, Birzeit-Palestine.

INVOLVEMENT:

In addition to his academic and industrial duties as a lecturer and civil engineer, the candidate has taken up many administrative responsibilities (Member of the scientific council, Member of the college council, Coordinator of Co-operation training – CE students, Head of the tenders' committee, Head of general relations committee, Member of the quality and development committee). Furthermore, the candidate was very active in preparing and organizing workshops, setting up and leading a research group, and running short courses.

EDUCATION:

- **2011, Ph.d** in Construction Engineering and Project Management. Civil Eng. Department, Norwegian University of Science and Technology (NTNU), Trondheim, Norway.
- **2008, MSc** in Photogrammetry and Geoinformatics (Geomatics), Geomatics Department, University of Applied Science-Stuttgart, Stuttgart, Germany. (Excellent in master thesis)
- **2006, MSc** in Urban Planning and Design, Arch. Eng. Dept., Birzeit University, Birzeit – Palestine.
- **2001, B.Sc.** in Civil Engineering, Birzeit University, Birzeit – Palestine, (Graduated with distinction - honor degree).
- **1995, High Secondary School**, Seelat elhareteyya Secondary School for Boys, Jenin – Palestine, (95.1% grade).

ACTIVITIES:

- Higher Committee of Research and Graduate studies, University of Prince Mugrin, Madinah, Sep. 2020 – Aug 2021.
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- Scientific Council (member): University of Prince Mugrin, Madinah, Sep. 2018 – Sep. 2019.
- Coordinator of Co-operation training – CE students, Civil Engineering Department, Hail University, Sep. 2014 – June 2017.
- College Council (member): Engineering College, Hail University, Hail, Sep. 2012 – Sep. 2013.
- Supervision of capstone projects in Civil Engineering (senior projects): I have supervised more than 30 capstone projects for undergraduate students in civil engineering at different universities (Birzeit University, Annajah National University, and Hail University).

- Supervision of Master thesis, Quality management program, Engineering Faculty, University of Hail, Hail, KSA.
- Developing GIS course for undergraduate students at Civil Engineering Department in Birzeit University with cooperation of Lund University in Sweden and Newcastle University in UK.
- Design, developing and running training programs in MS Project.
- Design, developing and running training programs in AutoCAD Structural Detailing.
- Design, developing and running training programs in Accounting for Contractors.
- Design, developing and running training programs in Quantity take off – structural and finishing works.

AWARDS:

- Award of Dr. Hussain AS-sayyed for Scientific Research (2020), University of Prince Mugrin, Madinah, KSA.
- Distinguished Authors Award (2016) - Scientific Research Deanship, Hail University, Hail, KSA.
- Quota PhD scholarship, Norway (2008)
- Academic Excellence Award (2006/2007- Surveying and GIS Master Program) – University of Applied Science-Stuttgart, Germany.
- DAAD Master scholarship, Germany (2006).
- Birzeit University Honor-students Award (1996, 1997, 1998, 1999, 2000)
- Top 10 students in High Secondary Exam (Jenin District) - Palestinian Ministry of Education Award (1995)

REFEREE ACTIVITIES:

- Editorial Board Member of *SCIREA* Journal of Civil Engineering and Building Construction (2016 – now).
- Official reviewer (2014 – now), Deanship of Scientific Research, Northern Borders University (NBU), Arar, KSA.
- Official reviewer (2013 – now), Deanship of Scientific Research, Hail University, Hail, KSA.
- Official reviewer for the following journals:
 1. Case Studies in Construction Materials (Elsevier).
 2. Journal of Data in Brief (Elsevier).
 3. Engineering, Construction and Architectural Management Journal (Emerald)
 4. Journal of Financial Management of Property and Construction (Emerald)
 5. International Journal of Management Science and Engineering Management (Taylor and Francis)

6. Australian Journal of Construction Economics and Building (Australian Institute of Quantity Surveying and the Australian Institute of Building)
7. Iranian Journal of Science and Technology (Springer)
8. Journal of Zhejiang University-SCIENCE A (Springer)
9. International Journal of Construction Management (Taylor and Francis)
10. Journal of Construction in Developing Countries (University Sains Malaysia)

FUNDED RESEARCH PROJECTS:

No.	Project title	Funded by	Duration	Position
1	Causes of changes orders in construction projects	Scientific Research Deanship – Hail University	10 months - (2019)	Co-author
2	Relationship between cost overrun and labor productivity in building projects	Scientific Research Deanship – Hail University	10 months - (2017)	Team leader
3	Quality factors in KSA public construction projects	Scientific Research Deanship – Hail University	10 months (2016)	Team leader
4	Analysis of change orders in building construction projects in KSA	Scientific Research Deanship – Hail University	10 months (2015)	Team leader
5	Pretender cost estimate in building construction projects in KSA	Mohamed Binladen Research Chair on Quality and Productivity Improvement in the Construction Industry	4 months (2014)	Team leader
6	Factors influencing labor productivity in the KSA public projects	Mohamed Binladen Research Chair on Quality and Productivity Improvement in the Construction Industry	4 months (2014)	Team leader
7	Cost and time overrun in KSA construction projects	Scientific Research Deanship – Hail University	10 months (2013)	Team leader
8	Measuring of employee productivity in construction projects	Scientific Research Deanship – Hail University	10 months (2013)	Team leader

BOOKS :

1. **Mahamid, I.**, Specifications and Quantity Takeoff in Building Construction Projects. Dar Alandalus, Hail, KSA. In production. (Arabic).
2. **Mahamid et al.** (2017). Engineering Measurements. Chapter 7: pp 200 – 231. Scientific Research Deanship, Hail University, Hail, KSA.
3. **Mahamid, I.** (2016). Researches in Road Construction Management. LAP LAMBERT Academic Publishing, Saarbrücken, Germany. ISBN 978-3-330-02718-3, (<https://www.amazon.com/Researches-Construction-Management-Ibrahim-Mahamid/dp/3330027185>)
4. **Mahamid, I.** (2015). Basics in Construction Projects Management. Dar Alandalus, Hail, KSA. (in Arabic)
5. **Mahamid, I.** (2011). Cost and time overrun in road construction: magnitude, causes and cost estimating models., NTNU, Trondheim, Norway (ISBN 9788247129678).

RESEARCH PUBLICATINS:

I have had published, as main or co-author, more than 50 research papers and articles in refereed international conferences and journals, e.g.

1. ASCE Engineering Management Journal (ASCE)
2. Journal of King Saud University: Engineering Sciences (Elsevier)
3. Engineering, Construction and Architectural Management Journal (Emerald)
4. Journal of Financial and Property Management (Emerald)
5. International Journal of Management Science and Engineering Management (Taylor and Francis)
6. International Journal of Construction Management (Taylor and Francis)
7. The IES Journal Part A: Civil & Structural Engineering (Taylor and Francis)
8. Australian Journal of Multi-Disciplinary Engineering (Taylor and Francis).
9. International Journal of Productivity and Quality Management (Inderscience Publishers).
10. Australasian Journal of Construction Economics and Building (Australian Institute of Quantity Surveying and the Australian Institute of Building)
11. International Journal of Architecture, Engineering and Construction (Hong Kong University of Science and Technology)
12. Organization, Technology and Management in Construction: An International Journal (De Gruyter)
13. Journal of Construction Project Management and Innovation (Dept. of Construction & Quantity Surveying, University of Johannesburg)

14. Jordan Journal of Civil Engineering (Jordan University of Science and Technology)
15. Journal of Construction Engineering, Technology & Management (STM Journals)

Some of publications listed below:

1. **Mahamid, I.** (2022). Relationship between Cost Overrun and Material Waste in Building Construction Projects. ASCE Journal of Construction Engineering and Management. Under review.
2. **Mahamid, I.** (2022). Impact of change orders on material waste in residential building projects. Engineering, Construction and Architectural Management Journal. Under review.
3. **I. Mahamid**, "Critical Factors Influencing the Bid / No-Bid Decision in the Palestinian Construction Industry", Eng. Technol. Appl. Sci. Res., vol. 12, no. 1, pp. 8096–8100, Feb. 2022.
4. **Mahamid I** (2022). Relationship between delay and productivity in construction projects. International Journal of Advanced and Applied Sciences, 9(2): 160-166.
5. **Mahamid, I.** (2021). Cost Performance for Residential Building Projects. Journal of Architecture, Planning and Construction Management, 11(1). <https://journals.iium.edu.my/kaed/index.php/japcm/article/view/444>
6. **Mahamid, I.** (2021). Effect of design quality on delay in residential construction projects. Journal of Sustainable Architecture and Civil Engineering, 28 (1), 118-129.
7. **Mahamid, I.** (2021). The influence of delayed payments on time overrun in public sector projects. Int. J. Public Sector Performance Management, Vol. 7, No. 3, pp.372–386.
8. **Mahamid, I.** (2020). Rework and Material Waste in Building Construction Projects. International Journal of Construction Management. Published online Feb, 2020. <https://doi.org/10.1080/15623599.2020.1728607>
9. **Mahamid, I.** (2020). Study of relationship between rework and labor productivity in building construction projects. Journal of Construction. 19 (1), 30 – 40.
10. W. Khalifa and **Mahamid, I.** (2019). Causes of Change Orders in Construction Projects. Engineering, Technology, and applied science research, Volume: 9 | Issue: 6 | Pages: 4956-4961
11. **Mahamid, I.** (2019). The Development of Regression Models for Preliminary Prediction of Road Construction Duration. International Journal of Engineering and Information System, 3 (4), 12-20.
12. **Mahamid, I.** (2018). Study of the relationship between cost overrun and labor productivity in road construction projects. International Journal of Productivity and Quality Management, 2018 Vol.24 No.2, pp.143 – 164. Inderscience Publishers.
13. **Mahamid, I.** (2017). Schedule Delay in the KSA Road Construction Projects:

Size, Estimate, Determinants, and Effects. *International Journal of Architecture, Engineering and Construction* Vol 6, No 3, 51-58. Hong Kong University.

14. **Mahamid, I.** (2017). "Analysis of Schedule Deviations in Road Construction Projects and the Effects of Project Physical Characteristics". *Journal of Financial Management of Property and Construction*, Vol 22, issue 2, pp.192-210.

15. **Mahamid, I.** (2017). "Effect of Change Orders on Rework in Highway Projects in Palestine". *Journal of Financial Management of Property and Construction*, Vol 22, issue 1, 62-76 (available online: <http://www.emeraldinsight.com/doi/pdfplus/10.1108/JFMPC-03-2016-0015>). Emerald.
16. **Mahamid, I.** (2016). Factors contributing to poor performance in construction projects: studies of Saudi Arabia. *Australian Journal of Multi-Disciplinary Engineering*, 12 (1), 27-38 Published online: 23 Nov 2016, <http://dx.doi.org/10.1080/14488388.2016.1243034>. Taylor and Francis.
17. **Mahamid, I.** (2016). "Preliminary Estimate for Reinforcement Steel Quantity in Residential Buildings". *Organization, Technology and Management in Construction: An International Journal*, 8 (1), 1-6. De Gruyter.
18. **Mahamid, I.** (2016). Micro and Macro Level of Dispute Causes in Residential Building Projects: Studies of Saudi Arabia. *Journal of King Saud University: Engineering Sciences*, 28 (1), 12-20. Elsevier.
19. **Mahamid, I.** (2016). Analysis of Rework in Residential Building Projects in Palestine. *Jordan Journal of Civil Engineering*, Vol. 10, No.2, 197-208. Jordan University of Science and Technology.
20. Nabil Dmaid, **Ibrahim Mahamid**, Inas Shweiki (2016). Identifying the Critical Problems of Construction Contracting Management in Palestine. *Jordan Journal of Civil Engineering*, Vol. 10, No.1. 67-81. Jordan University of Science and Technology.
21. **Mahamid, I.** (2015). Factors Affecting Cost Estimating Accuracy: Evidence from Palestinian Construction Projects. *International Journal of Management Science and Engineering Management*, 10 (2), 117-125. Taylor and Francis.
22. **Mahamid, I.**, Alghonamy, A., and Aichouni, M. (2015). Risk Matrix for Delay Causes in Construction Projects in Saudi Arabia. *Research Journal of Applied Sciences, Engineering and Technology* 9(8): 665-670.
23. **Mahamid, I.** and Badawi, E. (2014). Construction Material Waste: Recognition and Analysis. *Research Journal of Applied Sciences, Engineering and Technology* 8(11):1312-1318
24. **Mahamid, I.** (2014). Contractors' perception of risk factors affecting cost overrun in building projects in Palestine. *The IES Journal Part A: Civil & Structural Engineering*, 7 (1): 38 – 50. Taylor and Francis.
25. **Mahamid, I.**, Alghonamy, A., and Aichouni, M. (2014). Factors Affecting Accuracy of Pretender Cost Estimate: Studies of Saudi Arabia. *International Journal of Applied Engineering Research*, 9 (1): 21-36.
26. **Mahamid, I.**, Alghonamy, A., and Aichouni, M. (2014). Major Factors Influencing Employee Productivity in the KSA Public Construction Projects. *International Journal of Civil and Environmental Engineering*, 14 (1): 16-20.

27. **Mahamid, I.** (2013). Effects of project's physical characteristics on cost deviation in road construction. Elsevier - Journal of King Saud University: Engineering Sciences, 25 (1), 81-88. Elsevier.
28. **Mahamid, I.** (2013).Contractors' Perspective towards Factors Affecting Labor Productivity in Building Construction. Engineering, construction and Architectural Management Journal, Vol. 20, Issue: 5, pp.446 – 460. Emerald.
29. **Mahamid, I.** (2013). Common risks affecting time overrun in road construction projects in Palestine: Contractors' perspective. Australasian Journal of Construction Economics and Building, Vol 13, No 2, pp: 45 – 53. Australian Institute of Quantity Surveying and the Australian Institute of Building for University of Technology Sydney, Australia.
30. **Mahamid, I.** (2013). Principal Factors Impacting Labor Productivity of Public Construction Projects in Palestine: Contractors' Perspective. International Journal of Architecture, Engineering and Construction (IJAEC), 2 (3), pp: 194 – 202. Hong Kong University of Science and Technology.
31. **Mahamid, I.** and Dmadi, N. (2013). "Time Overrun Causes in Public Construction Projects in Saudi Arabia: Contractors' View", Journal of Construction Engineering, Technology & Management, 3 (3), 67 – 75.
32. **Mahamid, I.** (2013). Frequency of time overrun causes in road construction in Palestine: Contractors' view. Organization, Technology and Management in Construction: An International Journal, 5 (1), 720 – 729. Zagreb University.
33. **Mahamid, I.** and Dmadi, N. (2013). Risks Leading to Cost Overrun in Building Construction from Consultants' Perspective. Organization, Technology and Management in Construction: An International Journal, 5 (2), 860 – 873. Zagreb University.
34. **Mahamid, I.** (2013). Conceptual Cost Estimate of Road Construction Projects in Saudi Arabia. Jordan Journal of Civil Engineering, 7 (3), 285 – 294. Jordan University of Science and Technology
35. **Mahamid, I.** (2013). Contributors to schedule delay in public construction projects in Saudi Arabia: Owners' Perspective. Journal of Construction Project Management and Innovation Vol. 3 (2): 608-619.
36. **Mahamid, I.** and Dmadi, N. (2013). Consultants view toward the factors affecting time overrun in public construction projects. Journal of Advanced Research in Engineering and Technology, 1 (1): 8 – 14.
37. **Mahamid, I** and Alhomaidan, A. (2013). Time Overrun Causes in construction Projects in Saudi Arabia: Consultants' Perspective. Proceeding of 2013 3rd International Conference on Applied Social Science (ICASS 2013), Taipei, Taiwan, January 15-16.
38. **Mahamid, I.;** Bruland, A.; and Dmadi, N. (2012). Delay causes in road construction projects. ASCE Journal of Management in Engineering, 28(3), 300 – 310. Journal published by ASCE for ASCE.

39. **Mahamid, I.** (2012). Factors Affecting Contractor's Business Failure: Contractors' Perspective. *Engineering, construction and Architectural Management Journal*, Vol. 19 Iss: 3, pp.269 - 285. Emerald.
40. **Mahamid, I.** and Bruland, A. (2012). Cost deviation in road construction projects: The case of Palestine. *Australasian Journal of Construction Economics and Building*, Vol 12, No 1, pp: 58 – 71. Australian Institute of Quantity Surveying and the Australian Institute of Building for University of Technology Sydney, Australia.
41. **Mahamid, I.** (2012). Risk Matrix for Factors Affecting Time Delay in Road Construction Projects: Consultants' Perspective. *Journal of Applied Mechanics and Materials*, Vol 147, pp: 244 – 248.
42. **Mahamid, I.** (2011). Risk Matrix for Factors Affecting Time Delay in Road Construction Projects: Owners' Perspective. *Engineering, Construction and Architectural Management*, Vol. 18 Iss: 6, pp.609 – 617. Emerald.
43. **Mahamid, I.** (2011). Early Cost Estimating for Road Construction Projects Using Multiple Regression Techniques. *Australasian Journal of Construction Economics and Building*, Vol 11, No 4, pp: 87 – 101. Australian Institute of Quantity Surveying and the Australian Institute of Building for University of Technology Sydney, Australia.
44. **Mahamid, I.** (2011). Analysis of Cost Deviations in Road Construction Activities: A Case Study from Palestine. *Jordan Journal of Civil Engineering*, Volume 5, No. 4, 552-567. Jordan University of Science and Technology.
45. **Mahamid, I.** and Thawaba, S. (2010). Multi Criteria and Landfill Site Selection Using GIS: A Case Study from Palestine. *The Open Environmental Engineering Journal*, 2010, 3, 33-41.
46. **Mahamid, I.** and Bruland, A. (2010). Analysis of cost diverge in road construction projects. *Proceedings of the 2010 Annual Conference of the Canadian Society for Civil Engineering*, 9-12 June 2010, Winnipeg, Manitoba, Canada.
47. **Mahamid, I.** and Bruland, A. (2010). Preliminary Cost Estimating for Road Construction Projects. Published in the proceedings of the 8th International conference on construction and Real Estate Management, 1-3 December 2010, Brisbane, Australia.
48. **Mahamid, I.** and Bruland, A. (2010). Preliminary Cost Estimating Models for Road Construction Activities. Published in the proceedings of the FIG Congress 2010 – Facing the Challenges – Building the Capacity, 12-16 April 2010, Sydney, Australia.
49. **Mahamid, I.** (2011). Risk Matrix for Factors Affecting Time Delay in Road Construction Projects: Consultants' Perspective. Published in the proceedings of the 2011 International Conference on Civil Engineering and Building Materials (2011 CEBM) in Kunming, China, July 29-31, 2011
50. **Mahamid, I.** and Bruland, A. (2011). Cost diverge in road construction activities as a function of project's characteristics. Published in the proceedings of

- International conference on construction and Real Estate Management, 18-19 November, 2011, Guangzhou, China.
51. **Mahamid, I.** and Bruland, A. (2011). Severity of Time Overrun Causes in Road Construction Projects: Contractors' Perspective. Published in the proceedings of International conference on construction and Real Estate Management, 18-19 November, 2011, Guangzhou, China.
 52. **Mahamid, I.** (2011). Causes of contractor's failure: "Contractors' Perspective". Published in proceedings of 2011 2nd International Conference on Construction and Project Management, Singapore, vol.15, September 16-18, 2011, in Singapore.
 53. **Mahamid, I.** (2010). Factors Affecting Construction Business Failure: Consultants' perspective. Published in the proceedings of the 8th International Conference on Construction and Real Estate Management. 1-3 December 2010, Brisbane, Australia.
 54. **Mahamid, I.** and Bruland, A. (2011). Cost Overrun Causes in Road Construction Projects: "Consultants' Perspective". Published in proceedings of 2011 2nd International Conference on Construction and Project Management, Singapore, vol.15, September 16-18, 2011, in Singapore.
 55. **Mahamid, I.** & THawaba, S. (2008). Sustainability and landfill site allocation by using GIS. Published in the proceedings of International symposium Geotunis, Tunis, 2008.

TAUGHT COURSES:

- Construction Equipment and Methods
- Construction Contracts
- Construction Cost Estimation
- Construction Planning and Scheduling
- Contracts, Specifications and Quantity surveying
- Construction Methods and Management
- Construction Engineering and Management
- Engineering Economy
- Engineering Management and Economy
- Building Economy
- Construction Surveying
- Surveying for Engineers I
- Surveying for Engineers II (Highway surveying)
- Surveying Laboratory I
- Surveying Lab II
- Surveying for Architecture Engineering

- Reinforced Concrete Design I
- Structural Analysis I

RESEARCH INTERESTS:

- Construction Engineering and Management fields.
- Cost and time estimating
- Project evaluation
- Risk and uncertainty management
- Construction contracts
- Productivity improvement.
- Construction planning, scheduling and controlling
- GIS applications (spatial analysis)

LANGUAGES:

- Arabic: Mother language
- English: Very good (Reading, Writing and Speaking)
- German: Basics

IT SKILLS:

- BIM - Revit: Structure, Architecture, Quantity Surveying.
- Primavera
- MS project,
- RCD,
- SAP2000
- Surfer,
- AutoCAD,
- AutoCAD structural detailing
- soft desk,
- Carlson and civil cad.
- Plan Swift

REFERENCES:

1. Amund Brulad, Professor. Civil Engineering and Transport Dept., NTNU, Trondheim, Norway. (Amund.Bruland@ntnu.no).
2. Khaled Abaza, Dean and Professor, Engineering Faculty, Birzeit University, Birzeit, Palestine. (Kabaza@birzeit.edu).
3. Belkacem Achour, Associate professor and Head of Civil Engineering Department, Hail University, Hail, KSA. (b.achour@uoh.edu.sa, waredadz@yahoo.fr).