

Curriculum Vitae of Prof. Dr. Salaheddine Bendak

BSIE, GradDipEduc, MSIE, PhD, SMIISE, MLEA, MIOSH

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January 2021

Tertiary Education

- April 2004: Graduate Certificate in the Global Burden of Injuries. Karolinska Institute, Stockholm, Sweden.
- July 2000 – November 2003: Graduate Diploma of Education. Monash University, Gippsland, Australia.
- March 1992 – July 1998: PhD (Human Factors/Occupational Safety). La Trobe University, Melbourne, Australia.
- October 1988 - January 1990: MSc (Industrial Engineering). Middle East Technical University, Ankara, Turkey.
- October 1984 - June 1988: BSc (Industrial Engineering). Middle East Technical University.

Employment History

- **Dean**, Faculty of Engineering, Halic University, Istanbul, Turkey.
November 2020 – Current
- **Professor**, Department of Industrial Engineering, Halic University, Istanbul, Turkey.
September 2020 – Current
- **Associate Professor** (and chairman, vice-chairman or MSc in Engineering Management program coordinator at different times), Department of Industrial Engineering and Engineering Management, University of Sharjah, Sharjah, UAE. September 2010 – August 2020
- **Executive Safety Consultant**, Dallah Human Skills Development Co., Aljubail, Saudi Arabia.
August 2009 – July 2010
- **Assistant/Associate Professor**, Department of Industrial Engineering, King Saud University, Riyadh, Saudi Arabia.
November 2000 – July 2009
- **Lecturer of Occupational Safety and Ergonomics**, Department of Applied & Environmental Sciences, RMIT University, Melbourne.
February 1999 – July 2000
- **Research Assistant**, Centre for Ergonomics and Human Factors, La Trobe University, Melbourne.
March 1992 - July 1997
- **Lecturer of Ergonomics and Occupational Safety**, Kangan Institute of TAFE, Melbourne.
February - June 1996
- **Researcher in Mines Safety**, BHP, Melbourne. February - August 1992
- **Lecturer**, Department of Manufacturing Systems Engineering, RMIT University, Melbourne.
March - June 1992
- **Industrial Engineer**, Teba-Gunkol, Izmir, Turkey. September 1989 - July 1991

Published Peer-Reviewed Journal Papers

1. Al Hawarneh, A., **Bendak, S.** and Ghanem, F. (in press). Construction site layout planning problem: past, present and future. *Expert Systems with Applications: An International Journal*. (published by Elsevier; IF = 5.452; Q1).
2. **Bendak, S.**, Alnaqbi, A.M., Alzarooni, M.Y., Aljanaahi, S.M. and Alsuwaidi, S.J. (in press). Factors affecting pedestrian behaviours at signalised crosswalks: an empirical study. *Journal of Safety Research* (published by Elsevier; IF = 2.861; Q1).
3. Alkhaledi. K., Arnold, A.M., Means, K.H., **Bendak, S.**, and Kim, I-J. (in press). A Novel Multicriteria Decision Making Model for Sustainable Stormwater Management. *Sustainability* (published by MDPI; IF = 2.576; Q2).
4. Al-Shammari, N. and **Bendak, S.** (2020). Road traffic collisions leading to human casualties in Riyadh: a retrospective study. *Policy and Practice in Health and Safety*, (published by Taylor and Francis; Q2). 18(2), 111-121.
5. **Bendak, S.** and Rashid, H. (2020). Fatigue in aviation: a systematic review of the literature. *International Journal of Industrial Ergonomics* (published by Elsevier; IF = 1.662; Q2), 76, 1-11.
6. **Bendak, S.**, Shikhli, A.M. and Abdel-Razek, R.H. (2020). How changing organizational culture can enhance innovation: Development of the innovative culture enhancement framework (published by Taylor and Francis; Q2), 7, 1-17.
7. **Bendak, S.**, Alali, A.K., Alali, N.M. and Alshehhi, M.M. (2019). Is the use of mobile phones while driving reaching alarming rates? A case study. *Transportation Letters: the International Journal of Transportation Research* (published by Taylor and Francis; IF = 1.500; Q2), 11(10), 535-541.
8. Al Hawarneh, A., **Bendak, S.** and Ghanem, F. (2019). Dynamic Facilities Planning Model for Large Scale Construction Projects. *Automation in Construction* (published by Elsevier; IF = 4.313; Q1), 92, 78-89.
9. **Bendak, S.** and Alhammadi, A. (2019). A novel fire risk evaluation framework for detached house designs. *Journal of Engineering, Design and Technology* (published by Emerald; Q2), 17(6), 1146-1160.
10. **Bendak, S.** and Alnaqbi, S.S. (2019). Rear Seat Belt Use in the United Arab Emirates. *Policy and Practice in Health and Safety* (published by Taylor and Francis; Q4). 17(1), 3-13.
11. **Bendak, S.** and Alsharif, F. (2019). Crossing violations at traffic intersections with red light cameras in Dubai: a prospective study. *Advances in Transportation Studies An International Journal* (published by Aracne Editrice; Q3), 47(3), 117-126.
12. **Bendak, S.** and Alkhaledi, K. (2017). Child restraint system use in the United Arab Emirates. *Transportation Research Part F: Traffic Psychology and Behaviour* (published by Elsevier; IF = 2.360; Q1), 51, 65-72.
13. Alkhaledi. K., Means, K.H., **Bendak, S.**, Arnold, A.M. and Jones, J. (2017). Evacuated Solar Tube Performance Enhancement Evaluation. *Journal of Engineering Research* (published by Kuwait University; Q2), 5(2), 207-222.
14. **Bendak, S.** and Attili, A. (2017). Consumers Attitude and Behavior Towards Domestic Waste Recycling in Developing Countries: A Case Study. *Advances in Recycling and Waste Management* (published by OMICS Group), 2 (2), 1-8 (doi:10.4172/2475-7675.1000124).

15. **Bendak, S.** (2015). Objective assessment of the effects of texting while driving: a simulator study. *International Journal of Injury Control and Safety Promotion* (Published by Taylor and Francis, IF = 0.870; Q2), 22(4), 387-392.
16. Bouras, A. and **Bendak, S.** (2014). Managing IT Projects in Public Companies: A Case Study. *Journal of Engineering, Project, and Production Management* (Published by Taiwanese Association of Engineering, Project, and Production Management), 4(2), 74-80.
17. **Bendak, S.**, Al-Saleh, K. and Al-Khalidi (2013). Ergonomic assessment of primary school furniture in United Arab Emirates. *Occupational Ergonomics* (published by IOS Press; Q3), 11, 85-95.
18. **Bendak, S.** and Al-Saleh, K. (2013). Seat belt utilisation and awareness in UAE. *International Journal of Injury Control and Safety Promotion* (published by Taylor and Francis; IF = 0.870; Q2), 20, 342-348.
19. Al-Saleh, K. and **Bendak, S.** (2013). An Ergonomic Evaluation of Certain ATM Dimensions. *International Journal of Occupational Safety and Ergonomics* (published by Taylor and Francis; IF = 1.377; Q2), 19 (3), 347-353.
20. Al-Saleh, K. and **Bendak, S.** (2012). Drivers Behaviour at roundabouts in Riyadh. *International Journal of Injury Control and Safety Promotion* (published by Taylor and Francis; IF = 0.870; Q2), 19, 19-25.
21. **Bendak, S.** (2011). An in-depth of red light crossing problem in Saudi Arabia. *Advances in Transportation Studies An International Journal* (published by Aracne Editrice; Q3), 25, 67-74.
22. **Bendak, S.** (2010). Potential environmental and health benefits of nanotechnology. *Journal of Material Sciences and Engineering* (published by Omics Group), 4(1), 80-84.
23. **Bendak, S.** and Al-Saleh (2010). The role of roadside advertising signs in distracting drivers *International Journal of Industrial Ergonomics* (published by Elsevier; IF = 1.571; Q2), 40(3), 233-236.
24. Al-Shammari, N., **Bendak, S.** and Al-Gadhi, S. (2009). In-depth analysis of pedestrian crashes in Riyadh, *Traffic Injury Prevention* (published by Taylor and Francis; IF = 1.465; Q1), 10, 552-559.
25. **Bendak, S.** (2009). Safety implications of nanoparticles. *International Journal of Nanoparticles* (published by Inderscience, UK; Q4), 2, 375-381.
26. **Bendak, S.** (2008). Inappropriate tyre characteristics and high ambient temperature: a recipe for traffic accidents. *Advances in Transportation Studies An International Journal* (published by Aracne Editrice; Q3), 16, 61-72.
27. **Bendak, S.** (2007). Compliance with seat belt enforcement law in Saudi Arabia. *International Journal of Injury Control and Safety Promotion* (published by Taylor and Francis; IF = 0.870; Q2), 14, 45-48.
28. **Bendak, S.** (2006). Evaluation of school safety in Riyadh. *International Journal of Injury Control and Safety Promotion* (published by Taylor and Francis; IF = 0.870; Q2), 13, 264-266.
29. **Bendak, S.** (2005). Seat belt utilisation in Saudi Arabia and its impact on road accident injuries. *Accident Analysis and Prevention* (published by Elsevier; IF = 3.058; Q1), 37, 367-371.
30. **Bendak, S.** (2003). 12-h workdays: current knowledge and future directions. *Work and Stress* (published by Taylor and Francis; IF = 2.683; Q1), 17, 321-336.

31. Macdonald, W.A. and **Bendak, S.** (2000). Effects of workload level and 8-versus 12-h workday duration on test battery performance. *International Journal of Industrial Ergonomics* (published by Elsevier; IF = 1.571; Q2), 26, 399-416.

Selected Conference Papers

1. Kassar, A. and **Bendak, S.** (2020). Effects of Age and Shift Timing on the Mood State of Cement Factory Workers. 7th Int. Conf. on Frontiers of Industrial Engineering. IEEE, Singapore, 18-21.
2. Jouaret, R., **Bendak, S.** and Rashid, H. (2020). Effects of Ambient Temperature on Construction Workers Performance and Safety. 7th Int. Conf. on Frontiers of Industrial Engineering. IEEE, Singapore, 114-118.
3. **Bendak, S.** and Alsharif, F. (2019). Crossing violations at traffic intersections with red light cameras in Dubai (exhibition presentation). 26th World Road Congress. Abu Dhabi Department of Transport, Abu Dhabi, UAE.
4. **Bendak, S.**, Alnaqbi, M. and Kim, I. (2019). Assessing the Risk of Falling from Heights Among Indoor ELV Operators in Construction Sites. The Second International Conference on Industrial, Systems and Manufacturing Engineering, Amman, Jordan.
5. **Bendak, S.** (2019). Enhancing traffic safety through awareness programs: the Saudi perspective (keynote speech). Saudi Traffic Safety Conference, Dept. of Transportation, Ministry of Interior, Riyadh, KSA.
6. Al-Hawarneh, A., **Bendak, S.** and Ahmed, F.G. (2016). Multi Criteria Dynamic Construction Facilities Planning for Large Scale Projects in UAE. Proceedings of the UAE Graduate Studies Research Conference, United Arab Emirates University, Al-Ain, UAE.
7. **Bendak, S.** (2013). Effects of texting in foggy conditions on driving performance Road Safety & Simulation International Conference. University Roma Tre, Italy.
8. **Bendak, S.** (2012). Industrial engineering and social networking (keynote speech). Annual Convention & Conference of the Indian Inst. of Industrial Engineering, IIIE, Bangalore, India.
9. Bendak, S. (2010). Stopping propensity at red lights in Saudi Arabia. In Proceedings of Traffic Safety in Four Continents Conference. VTI, Norkoping, Sweden.
10. **Bendak, S.** (2007). How safe are schools in Riyadh? In Al-Huzaimi, K. (ed.), Proceedings of the Seventh Saudi Engineering Conference. King Saud University, Riyadh, Kingdom of Saudi Arabia.
11. **Bendak, S.** (2004). *Effects of drivers' characteristics on their traffic safety awareness in relation to wearing seat belts.* In Hariga, M. (ed.), Proceedings of the Second International Industrial Engineering Conference (19-21 December). King Saud University, Riyadh, KSA.
12. **Bendak, S.** and Al-Ghamdi, A. (2002). *Seat belt utilisation and its impact on traffic safety in Saudi Arabia.* Proceedings of the 2nd Safety on Road Inter'l Conference. Univ. of Bahrain.
13. **Bendak, S.** and Macdonald, W.A. (1998). *Concurrent effects of work duration and workload level on workers' performance capacity.* Proceedings of the 1998 National Conference of the Ergonomics Society of Australia. Victorian Workcover Authority, Melbourne, Australia.
14. **Bendak, S.** and Macdonald, W.A. (1997). *Effects of workload level and eight versus twelve- hour workday duration on test battery performance.* Proceedings of the 13th International Ergonomics Congress. Finnish Institute of Occupational Health, Tampere, Finland.
15. Cilingir, C. and **Bendak, S.** (1991). *Visual fatigue in garment industry.* Proceedings of the Third Ergonomics Congress. MPM, Ankara, Turkey.

16. Cilingir, C. and **Bendak, S.** (1991). *Visual performance and fatigue of female workers in garment industry*. Proceedings of the 11th Int. Ergonomics Congress. Taylor and Francis, Paris, France.
17. Cilingir, C., Figlali, A. and **Bendak, S.** (1989). *Secondary task method in the assessment of mental workload*. Proceedings of the Second National Ergonomics Congress. MPM, Ankara, Turkey.

Reports

1. Centre for Ergonomics and Human Factors (1995). *Human factors assessment of army wet weather jackets*. La Trobe University, Melbourne, Australia.

Supervised Master Theses and Projects

1. Quantifying and assessing plastic waste generation: A case study.
2. Assessing disabled students' accessibility to public schools in Sharjah.
3. Evaluating fire propagation rate in detached houses.
4. Assessing mood among cement shift workers.
5. Relationship between fatigue and performance deterioration among construction workers.
6. Impact of OHSAS 18001/ISO 45000 Certification in the Construction Industry.
7. Assessing Fall from Height Risk among In-door ELV Workers in Construction Sites in Sharjah.
8. Adherence to initial safety management plan in construction projects in Dubai.
9. Determining factors that influence safety culture of public sector employees in Dubai and Kuwait.
10. Organisational culture and innovation: a conceptual relationship and change framework.
11. Assessing and Modelling Safety Culture in Telecommunication Industry.
12. The effects of red light camera presence in reducing intersection collisions in Dubai.
13. Emergency Communication Management: A Study of Early Warning System in UAE.
14. Cue and occupant based factors to identify people's behavior in case of fire emergency.
15. Development of a House Design Framework to Minimize Fire Risk.
16. Dynamic Construction Facilities Planning Model for Large-scale Projects.
17. Recycling Awareness and Practices in UAE.
18. Reducing Residential Fire Risk in Dubai.

Courses Taught

1. Engineering Statistics & Design of Experiments (BSc and MSc levels)
2. Engineering Project Management (BSc and MSc levels)
3. Human Factors/Ergonomics (BSc and MSc levels)
4. Organisational Behaviour (BSc and MSc levels)
5. Safety Engineering Management (BSc and MSc levels)
6. Strategic Management (BSc and MSc levels)
7. Management for Engineers (BSc and MSc levels)
8. Quality Control (BSc and MSc levels)
9. Engineering Ethics and Leadership (BSc and MSc levels)
10. Work System Design (BSc and MSc levels)
11. Accident Investigation (MSc level)

Linguistic Skills

Language	Understanding	Speaking	Writing
English	5	5	5
Turkish	5	5	5
Arabic	5	5	5
Azeri	5	5	4
French	3	2	1
Greek	1	1	0

Research Interests

1. Transportation safety
2. Applied ergonomics
3. Mathematical modelling and applications in engineering
4. Sustainability
5. Project management