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Department of Civil Engineering  
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### **Education**

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- Ph.D. Civil Engineering – Kansas State University, Manhattan, KS (May, 2022)  
Advisors: Dr. Sunanda Dissanayake  
Dissertation Title: Analysis of Risk Factors Associated with Fatal Intersection Crashes involving Older Drivers in the Midwestern Region
  
- M.S. Civil Engineering – University of Dayton, Dayton, OH (Dec, 2017)  
Advisor: Dr. Deogratias Eustace  
Thesis Title: Analysis of Factors Affecting Crash Severity of Pedestrian and Bicycle Crashes Involving Vehicles at Intersections
  
- Certificate of Completion – University of Washington (May, 2015)  
Academic English Language Program
  
- B.S. Civil Engineering – Umm Alqura University, Mecca, Saudi Arabia (May, 2010)

### **Work Experience**

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- **Najran University**, Najran, Saudi Arabia. (March 2013 - Present)  
Teaching Assistant, Department of Civil Engineering.
  - Helping the department in the administration work
  - Teaching students in related courses.
  - Tutoring to help students in solving problems.
  - Examiners Committee on final exams.
  
- **Taif University**, Taif, Saudi Arabia. (March 2011, March 2013)  
Assistant Civil Engineer, Department of Management Engineering and Projects
  - Preparing progress reports.
  - Investigating field problems.
  - Reviewing and evaluating bids and contractor billings.

### **Peer-Reviewed Publications**

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- Alshehri, A., & Abdul Aziz, H. M. (2022). Analysis of Factors Affecting Discretionary Lane Change. In *International Conference on Transportation and Development 2022* (pp. 147-157).
- Alshehri, A., & Dissanayake, S. (2022). Comparison of Risk Factors Associated with Older and Other Drivers in Single-Vehicle Fatal Intersection Crashes. In *International Conference on Transportation and Development 2022* (pp. 184-196).

- Alshehri, A., & Dissanayake, S. (2021, June). Analysis of Risk Factors in Fatal Intersection Crashes Involving Older Drivers in the Midwestern Region. In *International Conference on Transportation and Development 2021* (pp. 251-260).
- Alshehri, A., Eustace, D., & Hovey, P. (2020, August). Analysis of Factors Affecting Crash Severity of Pedestrian and Bicycle Crashes Involving Vehicles at Intersections. In *International Conference on Transportation and Development 2020* (pp. 49-58). Reston, VA: American Society of Civil Engineers.

### **Poster Presentation**

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- Alshehri, A., & Abdul Aziz, H. M. (2022). Analysis of Factors Affecting Discretionary Lane Change. In *International Conference on Transportation and Development 2022*. Seattle, WA.
- Alshehri, A., & Dissanayake, S., (2022). Comparison of Risk Factors Associated with Older and Other Drivers in Single-Vehicle Fatal Intersection Crashes. In *International Conference on Transportation and Development 2022*. Seattle, WA.
- Alshehri, A., & Dissanayake, S., (2022). Characteristics Comparison of Older Driver Single and Multiple Vehicle Fatal Crashes. In *International Conference on Transportation and Development 2022*. Seattle, WA.
- Alshehri, A., & Dissanayake, S., (2021). Driver Age Differences Associated with Characteristics of Single Vehicle Fatal Crashes. In *International Conference on Transportation and Development 2021*. Seattle, WA.
- Alshehri, A., & Dissanayake, S., (2021). Analysis of Risk Factors in Fatal Intersection Crashes involving Older Drivers in the Midwestern Region. In *International Conference on Transportation and Development 2021*. Reston, VA: American Society of Civil Engineers.
- Alshehri, A., & Dissanayake, S., (2021). Characteristics of Older Drivers in Fatal Crashes in the Midwestern Region. In *International Conference on Transportation and Development 2021*. Reston, VA: American Society of Civil Engineers.
- Alshehri, A., Eustace, D., & Hovey, P. (2020, August). Analysis of Factors Affecting Crash Severity of Pedestrian and Bicycle Crashes Involving Vehicles at Intersections. In *International Conference on Transportation and Development 2020* (pp. 49-58). Reston, VA: American Society of Civil Engineers.

### **Participation**

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- Poster Presentation on Traffic Safety (Jun, 2022)  
International Conference on Transportation & Development
- Poster Presentation at Kansas State University,  
Graduate Research, Arts, and Discovery (GRAD) Forum (Apr, 2021)
- Seminar presentation at Kansas State University,  
Department of Civil Engineering (Apr, 2021)
- The three minute thesis competition at Kansas State University (Feb, 2021)
- Seminar Presentation at Kansas State University,  
Department of Civil Engineering (Feb, 2021)
- Research and the State poster presentation at Kansas State University (Oct, 2020)

## Certificates & Awards

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- Almobdioon Center of Higher Training Practicing Effective Teaching (Dec, 2022)
- K-State Graduate Student Council Professional Development Certificate (Apr, 2021)
- K-State Graduate Student Council Travel Award (Oct, 2021)
- Saudi Society of Civil Engineering Global Positioning System & Geographical Information Systems (Dec, 2012)
- Saudi Society of Civil Engineering Engineering contracts (Jan 2012)
- Institute of Public Administration Time Scheduling by MS project (Nov 2011)
- Saudi Council of Engineering Site related courses (Jan, 2011)
- Saudi Bin Laden Group Health & safety (Dec, 2010)
- Millennium Institute of higher training Engineering drawing by AutoCAD program (Mar, 2010)

## Technical Skills

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- **Software:** AutoCAD, MS project.
- **Statistical Software:** SAS, SPSS, Microsoft Excel, R software and programming language, Minitab
- **Transportation Software:** Rodel Roundabout Analysis, SIDRA Intersection Analysis, AutoTURN, TORUS Roundabouts design and analysis, PTV Vissim Traffic Simulation.

## Training

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- Saudi Bin Laden Group (Nov, 2010-Feb, 2011)  
After graduation intensive training part 2
- Saudi Council of Engineers (Oct, 2010-Nov 2010)  
After graduation intensive training part 1
- Saudi Bin Laden Group, Mecca, Saudi Arabia (July, 2009-Sep 2009)  
Summer Internship 2
- Saudi Aramco, Jeddah, Saudi Arabia. (July, 2008-Sep, 2008)  
Summer Internship 1

## Languages

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- Arabic (Native language)
- English (Fluent)

## Memberships

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- Institute of Transportation Engineers (ITE) (2020-Present)
- Transportation Research Board (TRB) (2020-Present)
- American Society of Civil Engineers (ASCE), (2016-present)
- Saudi Council of Engineers (SCE) (2010-present)

## References

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- Dr. Sunanda Dissanayake,  
Chair of the Department of Civil and Environmental Engineering  
and Professor of Civil Engineering  
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- Dr. Deogratias Eustace,  
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