

Masoud Gheisari, Ph.D.
Abbreviated Curriculum Vitae (Updated in August 2020)

Assistant Professor
Rinker School of Construction Management
University of Florida, 322 Rinker Hall, Gainesville, FL 32611

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Professional Preparation

Azad University, Iran
University Technology of Malaysia
Georgia Institute of Technology

Civil Engineering
Construction Management
Building Construction

B.S., 2006
M.S., 2009
Ph.D., 2013

Appointments

- 08/2015-Current: Assistant Professor, University of Florida, Gainesville, FL
- 8/2013-8/2015: Assistant Professor, Mississippi State University (MSU), Starkville, MS
- 5/2013-8/2013: Research Intern, DPR Construction, Falls Church, VA
- 8/2009-5/2013: Graduate Researcher, Georgia Institute of Technology, Atlanta, GA
- 1/2009-8/2009: Graduate Researcher, University Technology of Malaysia, JB, Malaysia

Grants

External Funded Projects

| Project | Role | Source* | Amount |
|--|------|----------------------------|-----------|
| Investigating the Safety Challenges of Co-drones in Future Construction Workplaces | PI | NSF | \$749,860 |
| iVisit: Using Virtual Humans in 360-degree Immersive Digital Sites to Practice Communication Skills within Complex Spatiotemporal Contexts | PI | NSF | \$300,000 |
| VR-Electricians: Using Immersive Storytelling for Attracting Students to the Electrical Trades | PI | ELECTRI International/NECA | \$55,021 |
| Using Unmanned Aerial Systems for Automated Fall Hazards Monitoring | PI | CPWR/NIOSH | \$30,000 |
| Safety Training of Electrical Workers in a 360-degree Immersive Digital Environment | PI | ELECTRI International/NECA | \$9,000 |
| Using 360 Panoramic AR to Create a Fall Prevention Training Platform | PI | U.S. Dep. of Labor | \$49,999 |
| PARS: Using Panoramic AR to Create a Virtual Safety Training Environment | PI | CPWR/NIOSH | \$29,966 |

Internal Funded Projects

| Project | Role | Source | Amount |
|---|-------|------------------------|------------------|
| Construction Workforce Training in Immersive Virtual Jobsites of Future | Co-PI | BCN Rinker Scholarship | 4-Yr PhD Assist. |
| Unmanned Aerial Systems (UASs) Implementation Plan: Integrating UASs into AEC Processes | Co-PI | DCP Seed Fund | \$25,000 |
| Using Augmented Panoramas for Safety Training Applications | PI | DCP Seed Fund | \$9,918 |
| Using 360° Photo/Videography for Instruction & Research Applications: iStar Fusion | PI | DCP Equip. Grant | \$9,528 |
| VCom: Conversational Virtual Humans in Digital Environments | PI | BCN G.W. Robinson | 2-Yr MSc Assist. |
| UAS4Safety: Using UASs for Safety Monitoring of Construction Projects | PI | BCN Rinker Scholarship | 4-Yr PhD Assist. |

* NSF: National Science Foundation; CPWR/NIOSH: Center for Construction Research and Training (CPWR) through National Institute of Occupational Safety and Health (NIOSH); ELECTRI International/NECA: The Foundation for Electrical Construction through National Electrical Contractors Association

Publications

Publications

| Peer-reviewed Journals | | Peer-reviewed Proceedings | | Reports | Book Chapter |
|------------------------|----------|---------------------------|----------|-----------|--------------|
| Published | Accepted | Published | Accepted | Published | Published |
| 29 | 1 | 41 | 1 | 2 | 1 |

Citations (as of August 2020)

| Google Scholar Citation | | |
|-------------------------|---------|------------|
| Citations | h-index | i 10-index |
| 1007 | 15 | 22 |

Chapters in Books

B1. **Masoud Gheisari**, Dayana Bastos Costa, and Javier Irizarry. 2020. Construction 4.0: An Innovation Platform for the Built Environment. Unmanned Aerial System Applications in Construction. Routledge: Taylor & Francis Group. London. 264-288.

Project Reports

- R1. **Masoud Gheisari**, and Behzad Esmacili. 2019. PARS: Using Augmented Panoramas of Reality for Construction Safety Training. Report for the Center for Construction Research and Training (CPWR).
- R2. **Masoud Gheisari**, Behzad Esmacili, Jana Kosecka, and Abbas Rashidi. 2020. Using Unmanned Aerial Systems for Automated Fall Hazard Monitoring in High-rise Construction Projects. Report for the Center for Construction Research and Training (CPWR).

Peer-reviewed Journals

J1. Jhonattan Martinez(g), Gilles Albaino(g), **Masoud Gheisari**, Walter Volkmann, and Luis F. Alarcón. 2020. UAS Point Cloud Accuracy Assessment Using SfM-based Photogrammetry and PPK Georeferencing Technique for Building Surveying Applications. ASCE Journal of Computing in Civil Engineering, Special Collection on Unmanned Aerial Systems (UASs) in AECO Industry (Paper Accepted)

- J2. Jing Wen(g), and **Masoud Gheisari**. 2020. Using Virtual Reality to Facilitate Communication in the AEC Domain: A Systematic Review. *Emerald Journal of Construction Innovation: Information, Process, Management, Special Issue on Industry 4.0: Disrupting the Construction and Civil Engineering Supply Chain*.
- J3. Mohsen Foroughi Sabzevar(g), **Masoud Gheisari**, and L. James Lo. 2020. Improving Access to Design Information of Paper-Based Floor Plans Using Augmented Reality. *Taylor & Francis International Journal of Construction Education and Research*. 1-21. *(Invited)*
- J4. Abdulrahman Elshafey(g), Chai Chang Saar, Eeydzah Binti Aminudin, **Masoud Gheisari**, and Abdulrahman Usmani(g). 2020. Technology Acceptance Model for Augmented Reality and Building Information Modeling Integration in the Construction Industry. *Journal of Information Technology in Construction*. 25/10: 161-172.
- J5. Jhonattan G. Martinez(g), **Masoud Gheisari**, and Luis Fernando Alarcón. 2020. UAV Integration in Current Construction Safety Planning and Monitoring Processes- Case Study of a High-Rise Building Construction Project in Chile. *ASCE Journal of Management in Engineering*. 36/3:
- J6. Mohsen Foroughi Sabzevar(g), **Masoud Gheisari**, and James Lo. 2020. Development and Assessment of a Sensor-Based Orientation and Positioning Approach for Decreasing Variation in Camera Viewpoints and Image Transformations at Construction Sites. *MDPI Journal of Applied Sciences, Special Issue on Augmented Reality, Virtual Reality & Semantic 3D Reconstruction*. 10/7: 2305: 1-27.
- J7. Ricardo Eiris(g), **Masoud Gheisari**, and Behzad Esmacili. 2020. Desktop-based Safety Training Using 360-degree Panorama and Static Virtual Reality Techniques: A Comparative Experimental Study. *Elsevier Journal of Automation in Construction*. 109: 102969: 1-14.
- J8. Ricardo Eiris(g), Anujeet Jain(g), **Masoud Gheisari**, and Andrew Wehle. 2020. Safety Immersive Storytelling Using Narrated 360-Degree Panoramas: A Fall Hazard Training within Electrical Trade Context. *Elsevier Journal of Safety Science*. 127: 104703: 1-14. (ISSN 0925-7535)
- J9. Ricardo Eiris(g), and **Masoud Gheisari**. 2019. Site Visit Application in Construction Education: A Descriptive Study of Faculty Members. *Taylor & Francis International Journal of Construction Education and Research*. 15/2: 83-99.
- J10. **Masoud Gheisari**, and Behzad Esmacili. 2019. Applications and Requirements of Unmanned Aerial Systems (UASs) for Construction Safety. *Elsevier Journal of Safety Science*. 118: 230-240.
- J11. Hamed Golizadeh, M. Reza Hosseini, Igor Martek, David Edwards, **Masoud Gheisari**, Saeed Banihashemi, and Jingxiao Zhang. 2019. Scientometric Analysis of Research on "Remotely Piloted Aircraft": A Research Agenda for the Construction Industry. *Emerald Journal of Engineering, Construction and Architectural Management*. 27/3: 634-657. (ISSN: 0969-9988)
- J12. H. Frank Moore(g), and **Masoud Gheisari**. 2019. A Review of Virtual and Mixed Reality Applications in Construction Safety Literature. *MDPI Journal of Safety, Special Issue on Occupational Health and Safety New Challenges for Industry*. 5/3: 51: 1-16.
- J13. Abdul Rahman Ahsan Usmani(g), Abdulrahman Elshafey(g), **Masoud Gheisari**, Changsaar Chai, Eeydzah Binti Aminudin, and Cher Siang Tan. 2019. A Scan to As-built Building Information Modeling Workflow: A Case Study in Malaysia. *Emerald Journal of Engineering, Design and Technology*. ahead-of-print: 1-18.
- J14. Gilles Albeaino(g), **Masoud Gheisari**, and Bryan W. Franz. 2019. A Systematic Review of Unmanned Aerial Vehicle Application Areas and Technologies in the AEC Domain. *Journal of Information Technology in Construction*. 24/20: 381-405.
- J15. Shi Zhou(g), and **Masoud Gheisari**. 2018. Unmanned Aerial System Applications in Construction: A Systematic Review. *Emerald Journal of Construction Innovation: Information, Process, Management*. 18/4: 453-468.
- J16. Ricardo Eiris(g), **Masoud Gheisari**, and Behzad Esmacili. 2018. PARS: Using Augmented 360-Degree Panoramas of Reality for Construction Safety Training. *MDPI International Journal of Environmental Research and Public Health, Special Issue on Improving Safety, Health, and Wellbeing in Construction*. 15/11: 1-21.
- J17. Ricardo Eiris(g), and **Masoud Gheisari**. 2017. Research Trends of Virtual Human Applications in Architecture, Engineering and Construction. *Journal of Information Technology in Construction*. 22/9: 168-184.
- J18. **Masoud Gheisari**, Mohsen Foroughi Sabzevar(g), Poju Chen, and Javier Irizarry. 2016. Integrating BIM and Panorama to Create a Semi-Augmented-Reality Experience of a Construction Site. *Taylor & Francis International Journal of Construction Education and Research*. 12/4: 303-316. *(Invited)*
- J19. **Masoud Gheisari**, and Javier Irizarry. 2016. Investigating human and technological requirements for successful implementation of a BIM-based mobile augmented reality environment in facility management practices. *Emerald Journal of Facilities*. 34/ 1/2: 69-84.
- J20. Graceline Williams, **Masoud Gheisari**, Po-Jui Chen, and Javier Irizarry. 2015. BIM2MAR: An Efficient BIM Translation to Mobile Augmented Reality Applications. *ASCE Journal of Management in Engineering*. 31/1: A4014009-1-8.
- J21. Javier Irizarry, **Masoud Gheisari**, Graceline Williams, and Kathy Roper. 2014. Ambient Intelligence Environments for Accessing Building Information: A Healthcare Facility Management Scenario. *Emerald Journal of Facilities*. 32/ 3/4: 120-138.
- J22. Samaneh Zolfagharian, Javier Irizarry, Aziruddin Ressang, Mehdi Nourbakhsh, and **Masoud Gheisari**. 2014. Automated Safety Planning Approach for Residential Construction Sites in Malaysia. *Taylor & Francis International Journal of Construction Management*. 14/3: 134-147.
- J23. Javier Irizarry, **Masoud Gheisari**, Samaneh Zolfagharian, and Pavan Meadati. 2013. Human Computer Interaction Modes for Construction Education Applications: Experimenting with Small Format Interactive Displays. *Taylor & Francis International Journal of Construction Education and Research*. 9/2: 83-101.

- J24. Javier Irizarry, **Masoud Gheisari**, Graceline Williams, and Bruce N. Walker. 2013. InfoSPOT: A mobile Augmented Reality method for accessing building information through a situation awareness approach. *Elsevier Journal of Automation in Construction*. 33: 11-23.
- J25. Javier Irizarry, and **Masoud Gheisari**. 2013. Situation Awareness (SA), a Qualitative User-Centered Information Needs Assessment Approach. *Taylor & Francis International Journal of Construction Management*. 13/3: 35-53.
- J26. Javier Irizarry, **Masoud Gheisari**, and Bruce N. Walker. 2012. Usability assessment of drone technology as safety inspection tools. *Journal of Information Technology in Construction*. 17: 194-212.
- J27. Mehdi Nourbakhsh, Rosli Mohamad Zin, Javier Irizarry, Samaneh Zolfagharian, and **Masoud Gheisari**. 2012. Mobile application prototype for on-site information management in construction industry. *Emerald Journal of Engineering, Construction and Architectural Management*. 19/5: 474-494.
- J28. Rozana Zakari, Samaneh Zolfagharian, Mehdi Nourbakhsh, Rosli Mohammad Zin, and **Masoud Gheisari**. 2012. Ecological Footprint of Different Nations. *International Journal of Engineering and Technology*. 4/4: 464-467. 10.7763/IJET.2012.V4.411
- J29. **Masoud Gheisari**, and Javier Irizarry. 2011. Investigating Facility Managers' Decision Making Process through a Situation Awareness Approach. *International Journal of Facility Management*. 2/1: 1-11.
- J30. Samaneh Zolfagharian, Mehdi Nourbakhsh, Javier Irizarry, **Masoud Gheisari**, and Rozana Zakaria. 2011. Impact of Sustainable Development Education at Universiti Teknologi Malaysia (UTM). *Journal of Technology*. 56: 45-64.

Refereed Proceedings

- C1. Ricardo Eiris(g), Gilles Albeaino(g), and **Masoud Gheisari**. 2020. InDrone: Visualizing Drone Flight Patterns for Indoor Building Inspection Tasks. *Proceedings of the 20th International Conference on Construction Applications of Virtual Reality (ConVR)*. (Paper accepted)
- C2. Jing Wen(g), and **Masoud Gheisari**. 2020. Virtual Field Trip Application in Construction Education: A Bibliometric Analysis. *Proceedings of the 2018 ASCE Construction Research Congress (CRC)*. In Press.
- C3. Ricardo Eiris(g), Jing Wen(g), and **Masoud Gheisari**. 2020. iVisit: Digital Interactive Construction Site Visits Using 360-Degree Panoramas and Virtual Humans. *Proceedings of the 2020 ASCE Construction Research Congress (CRC)*. In Press.
- C4. Ricardo Eiris(g), Brendan John, **Masoud Gheisari**, Eakta Jain, Andrew Wehle, and Babak Memarian. 2020. Hazard-Recognition Training Using Omnidirectional Cinemagraphs: Comparison Between Virtual Reality and Lecture-Based Techniques. *Proceedings of the 2020 ASCE Construction Research Congress (CRC)*. In Press.
- C5. Jhonattan G. Martinez(g), **Masoud Gheisari**, Luis Fernando Alarcón, and Roberto Mauricio Luna Guzman. 2019. Using UAV-generated Visual Contents to Assess the Risk Perception of Safety Managers on a Construction Site. *Proceedings of the 36th CIB W78 2019 Conference on ICT in Design, Construction and Management in Architecture, Engineering, Construction and Operations (AECO)*. 564-571. (ISSN: 2706-6568)
- C6. Ricardo Eiris Pereira(g), H. Frank Moore(g), **Masoud Gheisari**, and Behzad Esmaeili. 2019. Development and Usability Testing of a Panoramic Augmented Reality Environment for Fall Hazard Safety Training. *Proceedings of the 35th CIB W78 Advances in Informatics and Computing in Civil and Construction Engineering Conference (CIB W78): Advances in Informatics and Computing in Civil and Construction Engineering*. 271-279.
- C7. H. Frank Moore(g), Ricardo Eiris(g), **Masoud Gheisari**, and Behzad Esmaeili. 2019. Hazard Identification Training using 360-degree Panorama vs. Virtual Reality Techniques: A Pilot Study. *Proceedings of the 2019 ASCE International Conference on Computing in Civil Engineering (i3CE): Visualization, Information Modeling, and Simulation*. 55-62.
- C8. Ricardo Eiris Pereira(g), and **Masoud Gheisari**. 2019. 360-Degree Panoramas as a Reality Capturing Technique in Construction Domain: Applications and Limitations. *Proceedings of the 55th ASC Annual International Conference*. 435-442.
- C9. Praseedha Subramanian(g), and **Masoud Gheisari**. 2019. Using 360-Degree Panoramic Photogrammetry and Laser Scanning Techniques to Create Point Cloud Data: A Comparative Pilot Study. *Proceedings of the 55th ASC Annual International Conference*. 743-750.
- C10. Chang-Saar Chai, Celine Lee, Santi Edra Nisa Lau, Eeydzah Aminudin, Siaw-Chuing Loo, **Masoud Gheisari**, and Mohamed Abdelraouf Abdalrahman. 2019. Integration of Augmented Reality in Building Information Modeling: Applicability and Practicality. *Proceedings of the 2019 WIT Transactions on The Built Environment*. 192: 281-290.
- C11. **Masoud Gheisari**, Abbas Rashidi, and Behzad Esmaeili. 2018. Using Unmanned Aerial Systems for Automated Fall Hazard Monitoring. *Proceedings of the 2018 ASCE Construction Research Congress (CRC)*. 62-72.
- C12. Ricardo Eiris Pereira(g), **Masoud Gheisari**, and Behzad Esmaeili. 2018. Using Panoramic Augmented Reality to Develop a Virtual Safety Training Environment. *Proceedings of the 2018 ASCE Construction Research Congress (CRC)*. 29-39.
- C13. Ricardo Eiris Pereira(g), and **Masoud Gheisari**. 2018. Building Intelligent Virtual Agents as Conversational Partners in Digital Construction Sites. *Proceedings of the 2018 ASCE Construction Research Congress (CRC)*. 200-209.
- C14. Ricardo Eiris Pereira(g), and **Masoud Gheisari**. 2018. Site Visit Application in Construction Education: A Descriptive Study of Students' Perspectives. *Proceedings of the 54th ASC Annual International Conference*. 67-73.
- C15. Ricardo Eiris Pereira(g), Shi Zhou(g), and **Masoud Gheisari**. 2018. Integrating the Use of UAVs and Photogrammetry into a Construction Management Course: Lessons Learned. *Proceedings of the 35th International Symposium on Automation and Robotics in Construction (ISARC 2018)*. 436-443.
- C16. Mohsen Foroughi Sabzevar, L. James Lo, and **Masoud Gheisari**. 2018. Improving Access to Paper-Based Construction Documents and Information via Augmented Reality Facilitators/Connectors. *Proceedings of the 54th ASC Annual International Conference*. 396-405. (*Best Conference Paper Award*)

- C17. Ricardo Eiris Pereira(g), Hashem Izadi Moud(g), and **Masoud Gheisari**. 2017. Using 360-Degree Interactive Panoramas to Develop Virtual Representation of Construction Sites. Proceedings of the Joint Conference on Computing in Construction (JC3). I: 775-782.
- C18. Ricardo Eiris Pereira(g), and **Masoud Gheisari**. 2017. Evaluation of Small UAS Acquisition Costs for Construction Applications. Proceedings of the Joint Conference on Computing in Construction (JC3). I: 931-938.
- C19. **Masoud Gheisari**, Mohsen Foroughi Sabzevar, Pojui Chen, and Javier Irizarry. 2016. An Augmented Panoramic Environment to Access Building Information on a Construction Site. Proceedings of the 52nd ASC Annual International Conference. *(Best Conference Paper – Honorable Mention Award)*
- C20. Hashem Izadi moud(g), and **Masoud Gheisari**. 2016. Coupling Wireless Sensor Networks and Unmanned Aerial Vehicles in Bridge Health Monitoring Systems. Proceedings of the 33rd ISARC (International Symposium on Automation and Robotics in Construction). 267-273.
- C21. **Masoud Gheisari**, and Behzad Esmaeili. 2016. Unmanned Aerial Systems (UAS) for Construction Safety Applications. Proceedings of the 2016 ASCE Construction Research Congress (CRC). 2642-2650.
- C22. Craig D. Capano, and **Masoud Gheisari**. 2015. Building a Virtual Reality Viewing Device Using 3D Printing. Proceedings of the 51st ASC Annual International Conference.
- C23. **Masoud Gheisari**, Nafiseh Sehat(g), and Graceline Williams. 2015. Using Augmented Panoramic Views as an Online Course Delivery Mechanism in MOOCs. Proceedings of the 51st ASC Annual International Conference.
- C24. Lachlan Patterson(g), **Masoud Gheisari**, and Javier Irizarry. 2015. Designing a Project Management System for Owner Representatives at Public Georgia Universities. Proceedings of the 51st ASC Annual International Conference.
- C25. **Masoud Gheisari**, Ebrahim P. Karan, H. Claus Christmann, Javier Irizarry, and Eric N. Johnson. 2015. Investigating Unmanned Aerial System (UAS) Application Requirements within a Department of Transportation. Proceedings of the 2015 TRB Annual Meeting. 1-15.
- C26. **Masoud Gheisari**, and Javier Irizarry. 2015. A User-centered Approach to Investigate Unmanned Aerial System (UAS) Requirements for a Department of Transportation Applications. Proceedings of the 2015 Conference on Autonomous and Robotic Construction of Infrastructure. 85-104.
- C27. Ebrahim P. Karan, Claus Christmann, **Masoud Gheisari**, and Javier Irizarry. 2014. A Comprehensive Matrix of Unmanned Aerial Systems Requirements for Potential Applications within a Department of Transportation. Proceedings of the 2014 Construction Research Congress. 964-973.
- C28. **Masoud Gheisari**, Javier Irizarry, and Bruce N. Walker. 2014. UAS4SAFETY: The Potential of Unmanned Aerial Systems for Construction Safety Applications. Proceedings of the 2014 ASCE Construction Research Congress (CRC). 1801-1810.
- C29. Graceline Williams, **Masoud Gheisari**, and Javier Irizarry. 2014. Issues of Translating BIM for Mobile Augmented Reality (MAR) Environments. Proceedings of the 2014 ASCE Construction Research Congress. 100-109.
- C30. **Masoud Gheisari**, Shane Goodman, Justin Schmidt, Graceline Williams, and Javier Irizarry. 2014. Exploring BIM and Mobile Augmented Reality Use in Facilities Management. Proceedings of the 2014 ASCE Construction Research Congress (CRC). 1941-1950.
- C31. **Masoud Gheisari**, Graceline Williams, Bruce N. Walker, and Javier Irizarry. 2014. Locating Building Components in a Facility Using Augmented Reality vs. Paper-Based Methods: A User-Centered Experimental Comparison. Proceedings of the 2014 International Conference on Computing in Civil and Building Engineering. 850-857.
- C32. **Masoud Gheisari**, and Javier Irizarry. 2014. Understanding Information Needs of Facility Managers in Preventive and Corrective Building Maintenance Practices, A Qualitative Approach. Proceedings of the 50th ASC Annual International Conference.
- C33. Samaneh Zolfagharian, **Masoud Gheisari**, Javier Irizarry, and Pavan Meadati. 2013. Exploring the Impact of Various Interactive Displays on Student Learning in Construction Courses. Proceedings of the 2013 ASEE Annual Conference & Exposition.
- C34. Mehdi Nourbakhsh, Rosli Mohamad Zin, Javier Irizarry, Samaneh Zolfagharian, and **Masoud Gheisari**. 2012. Comparing Information Technology Adoption between Developing and Developed Countries. Proceedings of the 2012 ASCE Construction Research Congress. 650-657.
- C35. Samaneh Zolfagharian, Mehdi Nourbakhsh, Javier Irizarry, Aziruddin Ressang, and **Masoud Gheisari**. 2012. Environmental Impacts Assessment on Construction Sites. Proceedings of the 2012 ASCE Construction Research Congress. 1750-1759.
- C36. **Masoud Gheisari**, Laura Florez, Javier Irizarry, and Daniel Castro. 2012. Evaluation of Data Requirements for Computerized Constructability Analysis of Pavement Rehabilitation Projects. Proceedings of the 2012 ASCE Construction Research Congress (CRC). 129-138.
- C37. Mehdi Nourbakhsh, Rosli Mohamad Zin, Javier Irizarry, Samaneh Zolfagharian, and **Masoud Gheisari**. 2011. Mobile Application Information Requirement in Construction Industry. Proceedings of the Sixth International Conference on Construction in the 21st Century (CITC-VI). 843-852.
- C38. Javier Irizarry, Pavan Medati, and **Masoud Gheisari**. 2010. The Need and Challenges for Interdisciplinary Education in AEC. Proceedings of the 2010 ASCE Construction Research Congress.
- C39. **Masoud Gheisari**, Arham Abdullah, Javier Irizarry, and Chitrakala Pillai. 2010. A Web-Based Environment for Buildings' Life Cycle Cost Analysis. Proceedings of the 6th International Conference on Innovation in AEC.
- C40. Candace Giles, Javier Irizarry, and **Masoud Gheisari**. 2010. Does Gender Make a Difference? An Analysis of Motivational Factors in Sustainability Practices. Proceedings of the 26th Annual ARCOM Conference. 1517-1525.

- C41. **Masoud Gheisari**, Javier Irizarry, and Diana B. Horn. 2010. Situation Awareness Approach to Construction Safety Management Improvement. Proceedings of the 26th Annual ARCOM Conference. 311-318.
- C42. **Masoud Gheisari**, Javier Irizarry, and Diana B. Horn. 2010. Improvement of Facility Management Practices - Situation Awareness Approach. Proceedings of the 2010 COBRA Conference

**(g): Graduate Student*

Recent Awards/Honors

- 2020 **ENR Southeast's 2020 Top Young Professional**, Engineering News Record (ENR)
- 2019 **Undergraduate Faculty Teaching Award**, UF College of Design, Construction and Planning
- 2019 **Nancy Perry Teaching Award**, UF DCP Rinker School of Construction Management
- 2019 **Outstanding Reviewer**, Emerald Journal of Facilities
- 2018 **Russell J. Alessi ELECTRI International Early Career Award**, The Foundation for Electrical Construction Inc.
- 2018 **Best Conference Paper Award**, 53rd Associated Schools of Construction (ASC) International Conference
- 2018 **Excellence in Teaching Award**, Associated Schools of Construction (ASC) Southeast Region
- 2017 **Outstanding Reviewer**, Elsevier International Journal of Project Management
- 2017 **Outstanding Reviewer**, Elsevier Journal of Automation in Construction
- 2017 **Outstanding Reviewer**, Elsevier Journal of Expert Systems with Applications
- 2016 **Best Conference Paper – Honorable Mention Award**, ASC 52nd Annual International Conference
- 2015 **American Society of Civil Engineers ExCEED Fellowship**, ASCE Excellence in Civil Engineering Education

Editorial Membership and Technical Committees

- **Guest Editor**, ASCE Journal of Computing in Civil Engineering Special Collection on Unmanned Aerial Systems (UASs) in the AECO Industry
- **Technical Committees:**
 - **American Society of Civil Engineering (ASCE)** Visualization, Information Modeling, and Simulation (VIMS) Committee; Global Computing Committee; Education (EDU) Committee; Data Sensing and Analysis (DSA) Committee
 - **Associated Schools of Construction (ASC)** Research Committee
 - **American Society of Mechanical Engineering (ASME)** B30.32 Safety Standards Sub Committee on UAS Uses in Inspection/Testing/Maintenance/Material-Lifting Operations
 - **Scientific Committees of Conferences:** Drones and ROVs (2020), **EC³** European Conf. on Computing in Construction (2019); **i3CE** ASCE International Conference on Computing in Civil Engineering (2019); **CRC** ASCE Construction Research Congress (2018)

Advising

- **Ongoing (# of students):**
PhD Chair/Co-Chair (3), PhD Member (4), MSc Chair/Co-Chair (2)
- **Completed (# of students):**
 - PhD Chair/Co-Chair (2), PhD Member (1), MSc Chair/Co-Chair (8), MSc Member (6), Honors Thesis Member (3)