

Curriculum Vitae for
Kyudong Kim | Assistant Professor

Department of Civil and Construction Engineering and Management

The University of Texas at Tyler

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EXPERIENCES

Academic

- | | |
|----------------|--|
| 2025 ~ Present | Assistant Professor <ul style="list-style-type: none"> University of Texas at Tyler Construction Engineering |
| 2021 ~ 2025 | Research Assistant <ul style="list-style-type: none"> University of Texas at Austin Research Projects: <ul style="list-style-type: none"> <i>CALM - Culturally Appropriate Language and Messaging for Influencing End User Behavior During Impending Infrastructure Failures, NSF</i> <i>Contextual Factors That Influence Water Crisis Recovery: A Study of Macro Variables of Crisis Communication, UT Austin</i> <i>Recognizing and Retaining Beneficial Changes from the Pandemic on the Workforce, CII</i> <i>Collaborative: Standard: Institutions in Student Organizations Cultivating Cultures of Ethical Engineering, NSF</i> |
| 2021 ~ 2024 | Teaching Assistant <ul style="list-style-type: none"> University of Texas at Austin |

Professional | 12 years at Samsung C&T Corporation

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| 2019 ~ 2020 | Bangladeshi/ India Meghnaghat Gas Power Plant Project, Kakinada, India <ul style="list-style-type: none"> <i>Position: Project Control Manager</i> Plan and manage project budgeting, scheduling, and resource allocation Facilitate communications among project teams, stakeholders, and management |
| 2018 ~ 2019 | Indonesia JAWA 1 Gas Power Plant Project, Cilamaya, Indonesia <ul style="list-style-type: none"> <i>Position: Civil Construction Manager</i> Oversee site preparation and foundation works Develop construction plans, including timelines and resource allocation |
| 2014 ~ 2018 | Human Resource (HR) Department, Seoul, South Korea <ul style="list-style-type: none"> <i>Position: HR Manager</i> Manage HR planning, evaluation, promotion, and layoff Manage key-person selection process Oversee corporate HR resource management, including project and head office Operate and teach a global HR policy training program |

- 2011 ~ 2013 **KOC (Kuwait Oil Company) Integrated Security System**, Al Ahmadi, Kuwait
- *Position: Project Control Engineer*
 - Manage project budgeting, scheduling, and resource allocation
 - Manage contracts and costs for trades and suppliers; project records and reports
- 2010 ~ 2011 **UAE Shuwaihat S2 Gas Power Plant Project**, Abu Dhabi, UAE
- *Position: Project Control Engineer*
 - Manage contracts and costs for trades and suppliers
 - Manage project risk registry; project records and reports
- 2008 ~ 2010 **Asan Incineration Plant / Incheon LNG Terminal Project**, South Korea
- *Position: Civil Construction Engineer*
 - Coordinate site inspections
 - Plan and check site preparation and foundation works

EDUCATION

- Ph.D., 2025
(Expected) The University of Texas at Austin (Austin, TX.)
Maseeh Department of Civil, Architectural, and Environmental Engineering
Area: *Construction Engineering and Project Management*
- M.S., 2022 The University of Texas at Austin (Austin, TX.)
Maseeh Department of Civil, Architectural, and Environmental Engineering
Area: *Construction Engineering and Project Management*
- B.S., 2008 Seoul National University of Science and Technology (Seoul, South Korea)
Department of Civil Engineering

PUBLICATIONS

Journal Articles

Published/ Accepted

- [J5] **Kim, K.**, Tiedmann H. R., and Faust K. M.. (2025). “*Exploration of Organizational Changes and Perceived Productivity Shifts Driven by COVID-19: A Comparative Study.*” (ASCE) Journal of Management in Engineering (Prepublication). <https://doi.org/10.1061/JMENE/MEENG-6754>
- [J4] **Kim, K.**, Stephens, K. K., McGlone, M. S., Rabby, M., Mendez Murillo, R., Castellanos, S., & Faust, K. M. (2025). “*Enhancing Individual Disaster Preparedness by Improving Message Effectiveness, Risk Perception, and Trust.*” Sustainable Cities and Society. <https://doi.org/10.1016/j.scs.2025.106164>
- [J3] **Kim, K.**, Ciszek, E., Ki, W., & Faust, K. M.. (2025). “*Building institutional trust during disasters: An organization-public relationship examination of public service organizations (PSOs).*” International Journal of Disaster Risk Reduction. 118, 105253. <https://doi.org/10.1016/j.ijdrr.2025.105253>
- [J2] **Kim, K.**, LaPatin M., Walsh K. P., Poleacovschi C., Feinstein S., and Faust K. M.. (2025). “*Moral Sensitivity amongst Engineering Students in a Natural Disaster Context.*” (ASCE) Journal of Civil Engineering Education. 151(2), 04024009. <https://doi.org/10.1061/JCEECD/EIENG-2096>.
- [J1] **Kim, K.**, Tiedmann H. R., and Faust K. M.. (2024). “*Construction Industry Changes Induced by The*

COVID-19 Pandemic.” Engineering, Construction and Architectural Management.
<https://doi.org/10.1108/ECAM-09-2023-0983>.

Manuscripts in Under Review/ Preparation

- [J8] **Kim, K.**, Yang, E., Stephens, K. K., McGlone, M. S., Rabby, M., Mendez Murillo, R., Castellanos, S., & Faust, K. (202x). “*Regulatory Compliant Messages or Public Comprehension? Boil Water Advisory Communications in Press Releases and Social Media.*” International Journal of Disaster Risk Reduction. (Under Review)
- [J7] Chung, I., **Kim, K.**, Potts, J., LaPatin, M. and Faust K. M.. (202x). “*The Impact of Departmental Culture and Advisor Support on Graduate Students’ Perceived Academic Success*”
- [J6] **Kim, K.**, Roy A., and Faust K. M.. (202x). “*Data Driven Decision-Making Modeling for Construction Organizations: Optimizing Complex Challenges in Resource Allocation.*” (ASCE) Journal of Construction Engineering and Management. (Under Review)

Conference Proceedings

- [C5] **Kim, K.** and Faust K. M.. (2025). “*Critical Review of Multidimensional Organizational Performance Measurement Models in Construction.*” 23rd CIB World Building Congress, 19th – 23rd May 2025, Purdue University, West Lafayette, US.
- [C4] **Kim, K.**, Tiedmann H. R., and Faust K. M.. (2024). “*Construction Industry Changes Induced by The COVID-19 Pandemic: Impacts on Work Productivity.*” CI CRC Joint Conference 2024. Des Moines, Iowa, US.
- [C3] **Kim, K.**, Faust, K. M., Leite, F.. (2023). “*Simulation modeling efforts in the construction industry: Integrated application of BIM and agent-based modeling.*” 2023 ASCE International Conference on Computing in Civil Engineering, Corvallis, OR, United States.
- [C2] **Kim, K.**, Tiedmann H. R., and Faust K. M.. (2023). “*Construction Industry Changes Induced by the COVID-19 Pandemic: A Comparison of South Korea and The United States.*” CSCE Annual Conference, Moncton, NB, Canada.
- [C1] Barrens, S., LaPatin, M., **Kim, K.**, Poleacovschi, C., Padgett-Walsh, K., Feinstein, S., Rutherford, C., Nguyen, L., Faust, K.M.. (2022). “*Evaluating Engineering Students’ Moral Sensitivity through a Natural Disaster Case Study.*” American Society for Engineering Education Conference (ASEE), Minneapolis, MN

Presentations and Posters

- [P5] **Kim, K.**, Tiedmann H. R., and Faust K. M.. (2024). “*Construction Industry Changes Induced by The COVID-19 Pandemic: Impacts on Work Productivity.*” CI CRC Joint Conference 2024. Des Moines, Iowa.
- [P4] **Kim, K.** and Faust K. M.. (2024). “*Construction Industry Changes in Response to the COVID-19 Pandemic.*” UT CAEE Graduate Symposium, The University of Texas at Austin, Austin, TX
- [P3] **Kim, K.**, Faust, K. M., Leite, F.. (2023). “*Simulation modeling efforts in the construction industry: Integrated application of BIM and agent-based modeling.*” 2023 ASCE International Conference on Computing in Civil Engineering, Corvallis, OR.
- [P2] **Kim, K.**, Tiedmann H. R., and Faust K. M.. (2023). “*Construction Industry Changes Induced by the COVID-19 Pandemic: A Comparison of South Korea and The United States.*” CSCE Annual Conference, Moncton, NB, Canada.
- [P1] **Kim, K.**, Tiedmann H. R., and Faust K. M.. (2023). “*Construction Industry Changes Induced by the*

COVID-19 Pandemic: A Comparison of South Korea and The United States.” UT CAEE Graduate Symposium, The University of Texas at Austin, Austin, TX.

Technical Reports

- [T1] Faust K. M., S. Felton, D. Frank, K. Howell, **Kim, K.**, and Tiedmann H. R.. (2023). “*Construction Industry Changes: Beyond the Pandemic.*” Research Report 400, Construction Industry Institute, The University of Texas at Austin, Austin, TX.

Master’s Thesis

- [M1] **Kim, K.** (2022). “*Undergraduate Engineering Students’ Moral Sensitivity and Effects of Ethics Education*” (Master’s thesis). The University of Texas at Austin, Austin, TX.

HONORS AND AWARDS

- 2024 Sam and Hema Kumar Construction Engineering and Project Management Program Travel Grant. The University of Texas at Austin.
- 2023 Tucker Hudson Kumar Endowed Presidential Fellowship in Construction Engineering and Project Management, Cockrell School of Engineering, The University of Texas at Austin.
- 2023 Sam and Hema Kumar Construction Engineering and Project Management Program Travel Grant. The University of Texas at Austin.
- 2022 International Student and Scholar Service Financial Award, The University of Texas at Austin.

PROFESSIONAL SERVICE

Manuscript Reviewer

ASCE Journal of Construction Engineering and Management, May 2024 – Present

Conference Reviewer

2025 CIB World Building Congress WBC2025, May 19 – 23, 2025

2024 ASCE International Conference on Computing in Civil Engineering, July 28 – 31, 2024

2024 ASCE CI & CRC Joint Conference, March 20 – 23, 2024

2023 ASCE International Conference on Computing in Civil Engineering, June 25 – 28, 2023