

# Jinwook kim

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## EDUCATION

**Korea University**, Seoul, Korea (South)

PhD of Engineering in Architectural Engineering, August, 1997

- Thesis: "A Study on the Development Method of Knowledge-Based Design AID System for Multi-family Housing -Focused on the Unit Plan of Multi-Family Housing in Korea", Advisor: Professor Jung-Duk Lee (Ph.D.)

**University of Utah**, Utah, USA

Master of Engineering in Architectural Engineering, June, 1991

- Thesis : "Museum design based on Fung-Sui Theory"
- Committee: Dr. Tom Kass (Ph.D.)

**Korea University**, Seoul, Korea (South)

Bachelor of Engineering in Architectural Engineering, February, 1989

## RESEARCH AND TEACHING INTERESTS

Architectural Design (School, High-rise Building, Public Facility, Composite Building)  
Safety of Building Environment, Digital Architecture

## **PUBLICATION**

“A Comparative Study on The Characteristics of Apartment Unit Plan in India and Korea”, Architectural Institute of Korea, Journal of the Architectural Institute of Korea Planning & Design, 2008

“A Study on the Plan for Financial Stabilization and Management of Institute - Focused on the Architectural Institute of Korea”, Architectural Institute of Korea, Journal of the Architectural Institute of Korea Planning & Design, 2008

“A Basic Study on Constructing a Data Model for the Interoperability between CAAD and GIS”, Architectural Institute of Korea, Journal of the Architectural Institute of Korea Structure & Construction, 2008

“A Study on the Recognition of Housing Complex Exterior Environment with Different Types of Web-based Computer Graphic Simulation”, Architectural Institute of Korea, Journal of the Architectural Institute of Korea Planning & Design, 2008

“The Study of Exterior Design Trend of Contemporary Skyscrapers”, Architectural Institute of Korea, Journal of the Architectural Institute of Korea Planning & Design, 2008

“A Study on the Ontology Representation of the IFC based Building Information Model”, Architectural Institute of Korea, Journal of the Architectural Institute of Korea Structure & Construction, 2009

“A Study on the Survey of Requested Contents for Living Safety Web DB”, Korean Society of Hazard Mitigation, Journal of the Korean Society of Hazard Mitigation, 2010

“A Development of LQI(Living Quality Indicator) System for High-rise Residential Building”, Korean Society of Hazard Mitigation, Journal of the Korean Society of Hazard Mitigation, 2012

“A Study on the Residential Recognition Analysis for Luminous Environments of Apartment Complexes”, Korean Society of Hazard Mitigation, Journal of the Korean Society of Hazard Mitigation, 2013

“A Study of Safety Evaluation of Korean School Building with Deterioration Level”, Korean Society of Hazard Mitigation, Journal of the Korean Society of Hazard Mitigation, 2013

“A study of Satisfaction of under Artificial Ground Metro Depot Working Environment”, Korean Society of Hazard Mitigation, Journal of the Korean Society of Hazard Mitigation, 2013

“A study on Living Quality Asset Program for High Rise Residence Design”, Korean Science & Art Forum, 2014

“A Study on the Development of the Safety Scaffold System for the Metro High Platform”, Korean Society of Hazard Mitigation, Journal of the Korean Society of Hazard Mitigation, 2014

“A Study on the Development of the Disaster Safety Assessment Model for Multi Use Facilities in Design Process”, Korean Society of Hazard Mitigation, Journal of the Korean Society of Hazard Mitigation, 2014

“Research on the Development of Architectural Design NCS with the Application of BIM Design”, Korean Science & Art Forum, 2014

“A Study on the Definition of CCTV Monitoring Duty for K-12 School Safety People”, Korean Society of Hazard Mitigation, Journal of the Korean Society of Hazard Mitigation, 2015

“A Study on the Disaster Response Function for Eup, Myeon, Dong Government Office Buildings”, Korean Society of Hazard Mitigation, Journal of the Korean Society of Hazard Mitigation, 2016

“A Study on Development of Checklist for Evaluation of School Crime Risks - Focusing on Analysis of CPTED Evaluation Index for School Facilities at Domestic and Foreign-”, Korean Institute of Educational Facilities, Journal of the Korean of Educational Facilities, 2016

“A Study on the Type Classification of Subway Station Entrance Canopy in City of Seoul”, Korean Society of Hazard Mitigation, Journal of the Korean Society of Hazard Mitigation, 2016

“Study of the Development of Guidelines for Collecting the Information on the Design of Passenger Facilities in the Railway Station -Focused on the Information on Pedestrians’s Use Behaviors of Passenger Facilities”, Korean Society of Hazard Mitigation, Journal of the Korean Society of Hazard Mitigation, 2016

“A Comparative Study on Checklist for Crime Prevention Through Environmental Design Evaluation of Domestic School”, Korean Science & Art Forum, 2016

“A Study on the Development of Occupant Density and Walking Pattern Measurement Techniques for Emergency Evacuation and Safety in the Railroad Station : Focusing on Information about Pedestrians’ Use Behaviors”, Korean Society of Hazard Mitigation, Journal of the Korean Society of Hazard Mitigation, 2017

“A Study on the Improvement Factor of K-12 School Crime Prevention Environment”, Korean Society of Hazard Mitigation, Journal of the Korean Society of Hazard Mitigation, 2017

“Fundamental Study on Performance Review of CPTED Improvement K-12 School –Focused on the CPTED Pilot School Project of K-12 Schools in Seoul”, Korea CPRED Association, Journal of Community Safety and Security by Environmental Design, 2017

“ A Fundamental Study on the CPTED Assessment System for K-12 Schools Based on Risk Management : Focusing on Comparison of Korean and American CPTED Assessment Tools”, Korea CPRED Association, Journal of Community Safety and Security by Environmental Design, 2018

## **PRESENTATIONS**

## **TEACHING AND ADVISING EXPERIENCE**

- **University of Mokwon**  
*Professor* at the School of Engineering in Architectural, 1998-2002
- **Seoul National University of technology and Science**  
*Professor* at the School of Architecture

## **Voluntary activities**

- **Editor, journal of Architectural Research, March 2012-March 2018**
- **Vice Chair of Korea CTBUH, 2018**
- **Vice Chair of Institute of Korea Crime Prevention Through Environment, 2018**
- Executive of Architecture Institutes Korea, 2014-2018
- Executive of Institutes Education Facility Academy of Korea, 2012-2018

- Executive of Korean Institutes Hazard and Mitigation, 2012-2018

## **PROFESSIONAL EXPERIENCE**

### **Dong-Bu Construction Co. Ltd**

Manager (Architectural Design), Jan1992-Feb.1998

- Design Several Apartment Housing Projects, Includes Dong Bu Apartment in Bundang
- Design Several Multi Family Housing Projects, Includes Heawoon Dai Villa at Busan
- Design Multi-use Complex, Includes Garak Centreville

## **RESEARCH EXPERIENCE**

### **SKILLS**

- Proficient in qualitative and quantitative research analysis and software (NVivo and SPSS)
- Proficient use of Project management software (Microsoft Project)
- Intermediate English (conversation and reading)
- Building Information Modelling
- License of Korean Registered Architect

## **REFERENCES**