

Kuei-Feng Daphne Chang

Current position

Assistant Professor
Department of Real Estate Management
National Pingtung Institute of Commerce



Research Interests

Sustainable Building Environment Assessment System.
Rural community planning
Ecological community empowering
Residential Benefit of Sustainable Building
Ecological Architecture Environment Planning and Design
Building Physical Environment Control Design.

Contact

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Education

1992.06, B.E. in Architecture,
College of Engineering, Chung-Yuan Christian University. (Taiwan)
1994.06, M.E. in Architecture,
College of Engineering, Chung-Yuan Christian University. (Taiwan)
2005.11, PhD in Architecture, Group of Environment Control Engineering,
College of Design, National Cheng-Kung University. (Taiwan).

Experience

1995.02 ~ 2002.09, Architect of Harvest Enterprise Co. Ltd (Taiwan).
1999.09 ~ 2002.07, Adjunct lecture, Dep. of Applied Science Living, Shih Chien University. (Taiwan)
2005.02 ~ 2006.01, Adjunct lecture, Dep. of Interior Design, Shu-Te University. (Taiwan)

International Affairs

□ Deputy General Secretary of TSSBE (iiSBE-Taiwan), 2008-2010

Recent Projects

□ Director, "Measuring the Influence of Built Green Program on Urban Real Estate Market (I)", (NSC 98-2410-H-251-015), National Science Council, Executive Yuan, 2009.08-2010.07.

- Director, “The Holistic Plan on the Pingtung County Rural Regeneration”, Pingtung County Government, 2009.08-2010.06.
- Director, “Using an integrated performance approach for the sustainable building into the property valuation (I)”, (NSC 97-2410-H-002-), National Science Council, Executive Yuan, 2008.08-2009.07.
- Director, “The Environment Renovation Fore-Plan on the Old Community and the Epidemic Prevention Community, Kaohsiung City Government”, 2008.08-2009.07.
- Director, “The Pingtung Tropical Agricultural Exposition 2009”, Pingtung County Government, 2008.11-2009.08.
- Director, 2007~2008 · Exploring relevance between the building performance and housing value in Taiwan under the Global climate change (I) · NSC 96-2221-E-251-006-, Executive Yuan, 2007.08-2008.07.

Consulting Record

- Consultant member of Council for Hakka Affairs, Executive Yuan, Taiwan.
- Committee member of the Urban design consultation, Pingtung county government, 2010-2012.
- Consultant member of rural planning, landscape planning, and urban design Consultant, Pingtung county government, 2010-2012.

Certifications

- 1995.12 Certificating of National Architect
 2001.10 Certificating of professional interior decoration technical personnel

Awards Received

- 1994, Scholarship of Master thesis by Archilife Research Foundation
 2005, Scholarship of PhD thesis by Archilife Research Foundation

Membership

- International Institute of Sustainable Building and Environment (iiSBE)
- Architectural Institute of Republic of China (AIRC: M1253)
- Taiwan Society of Sustainable Built Environment (TSSBE)

A. (Papers in Refereed Journals)

- J1 **Chang, K.F.**; Chou, P.C.*, 2010.10, Measuring the Influence of the Greening Design of the Building Environment on the Urban Real Estate Market in Taiwan, "Building and Environment" , 45(10): 2057-2067. (SCI ∨ EI)
- J2 Chou, P.C. *; Chiang, C.M.; **Chang, K.F.**; Kuo, Y.C., 2009.03, Exploring the Influence of the Psychology Satisfaction of Learning and Productivity by Changing the Indoor Thermal Environment in Taiwan, " Journal of Architecture" , No.67:25-406. (TSSCI).
- J3 **Chang, K.F.**, 2008.06, The Influence of Residential Benefit of Sustainable Building on House-purchase Choice, "Journal of Housing Studies" · No.17(1):51-70 (TSSCI)
- J4 Chou, P.C. *; Chiang, C.M.; Li ,Y.Y.; Lee, C.Y.; **Chang, K.F.**, 2008.04, Natural Ventilation Efficiency in a Bedroom with a Central-Pivoting Window, "Indoor and Built Environment" , Vol. 17, No. 2, 164-172. (SCI ∨ EI)
- J5 **Chang, K.F.**; Chiang, C.M. & Chou, P.C.* , 2008.09, Exploring the Relevance of Regionalism to the Sustainable Building Assessment Model in Taiwan: Through GBTool2005 Version, "The Open Construction and Building Technology Journal" . (ISSN 1874-8368)
- J6 Ho, M.C.; Chiang, C.M.; Chou, P.C.*; **Chang, K.F.**; Lee,C.Y.,2008.07, Optimal Sun-shading Design for Enhanced Daylight Illumination of Subtropical Classrooms, "Energy and Buildings" .(SCI ∨ EI)
- J7 **Chang, K.F.**; Chiang, C.M. & Chou, P.C.* , 2007.01, Adapting Aspects of GBTool 2005 – Searching for Suitability in Taiwan, "Building and Environment" , 42(1): 310-316. (SCI ∨ EI)
- J8 **Chang, K.F.**; Chiang, C.M. & Chou, P.C., 2007.06, A Study on The Procedure of Customizing by Using a Sustainable Building Assessment Tool_ Taking GBTool2005 as an Example, "Journal of Architecture" , No.60:177-196. (TSSCI)
- J9 Chiang, C.M. ; **Chang, K.F.**; Lee, C.Y. & Chou, P.C.*, 2006, Modeling and Monitoring Natural Ventilation for Conventional Kitchens in Taiwan with Transoms Replaced with Porous Screens, "Indoor + Built Environment" · 15(2): 173-178. (SCI)
- J10 Chiang, C.M.; **Chang, K.F.**; Chou, P.C.; Kuei-Feng Chang, Liao H. Y.; Yang Y.Y. ; Chou, P.C., 2006, Case Study on the Performance Evaluation System Applied Design Quality Indicator in New Housing Indoor Environment, "Journal of Architecture" , No. 57: 1-23. (TSSCI)

B. (Papers in Refereed International Conference Proceedings)

- C1 **Chang, K.F.**; Chou, P.C., 2009.11, Sustainable building at the right perceived value of the real estate market, Future Trends in Architectural Management, International Symposium CIB-W096 2009 Taiwan, Session1, pp-117~126, Tainan Taiwan. (ISBN 978-986-0199-85-7)
- C2 Su, C.H.; Chiang, C.M.; Chou, P.C.; **Chang, K.F.**, 2009.11, Utilizing CASBEE to Assess Kaohsiung Modernized Comprehensive Stadium, Future Trends in Architectural Management, International Symposium CIB-W096 2009 Taiwan Session1 pp-53~61, Tainan Taiwan. (ISBN 978-986-0199-85-7)
- C3 Huang, H.H.; Chiang, C.M.; Chou, P.C.; **Chang, K.F.**; Kuo, Y.C., 2009,11 Considering SB environmental assessment tool for the performance of buildings in Taiwan ,Session5, pp-317~322, Future Trends in Architectural Management, International Symposium CIB-W096 2009 Taiwan, Tainan, Taiwan. (ISBN 978-986-0199-85-7)
- C4 **Chang, K.F.**; Chou, P.C., 2009.10, Structuring the Suitable Built Green Program into Urban Design Principles, 2009 Conference on Green Building · Towards Eco-City, Session B , pp. B-164~ B-173, Session B: (IB-202) Eco-City - Conception & Evaluation, Taipei, Taiwan. (ISBN 978-986-02-0114-7)
- C5 Chou, P.C.; **Chang, K.F.**; Chiang, C.M., 2009.10, The Performance of the Passive Ventilation of Vertical Chimney in Taiwan Considering Global Warming, 2009 Conference on Green Building · Towards Eco-City, Session B: (IB-202) Eco-City - Conception & Evaluation, Taipei, Taiwan. (ISBN 978-986-02-0114-7)

- C6 **Chang, K.F.**; Chiang, C.M. &Chou, P.C., 2008, How can sustainable building affect to real estate marketing in Taiwan? , Proceedings of the 2008 World Sustainable Conference, pp. 1814-1821, Melbourne, Australia. (ISBN 978-0-646-50372-1)
- C7 Kuo, Y.C.; Chiang, C.M. & **Chang, K.F.**, 2008, A Study on the Local Adaptation Utilizing SBTool, , Proceedings of the 2008 World Sustainable Conference, Melbourne, Australia. (ISBN 978-0-646-50372-1)
- C8 Chou, P.C.; Chiang, C.M.; Lee, C.Y.& **Chang, K.F.**, 2008, Development And Testing on the Hybrid Lighting System Coupled Daylight with Artificial Lights, Proceedings of the 2008 World Sustainable Conference, pp. 1807-1812, Melbourne, Australia. (ISBN 978-0-646-50372-1)
- C9 **Chang, K.F.**; Chou, P.C.; Jiang H.Y., 2007, What is the optimized building performance under the considerations of environmental impacts and costs?, TTSBE 2007 Proceedings of the International Conference in Sustainable Building 2007 Taipei, Session F, pp. F04-1~F04-1, Taipei, Taiwan.(ISBN978-986-83878-0-5)
- C10 **Chang, K.F.**; Chou, P.C. ; Lui Y.T., 2007, A study on the psychology satisfaction influenced by the indoor physical environment factors-taking the thermal comfort factor, TTSBE 2007 Proceedings of the International Conference in Sustainable Building 2007 Taipei , Session A, pp. A07-1~ A07-6, Taipei, Taiwan. (ISBN978-986-83878-0-5)
- C11 Kuo, Y.C.; Chiang, C.M.; **Chang, K.F.**, 2007, A Study on a Trend of the International Sustainable Building: Assessment: Taking the SBTOOL, TTSBE 2007 Proceedings of the International Conference in Sustainable Building 2007 Taipei , Session A, pp. F02-1~ F02-8. , Taipei, Taiwan. (ISBN978-986-83878-0-5)
- C12 Chou P.C.; Lee C. Y.; Chiang, C.M.; **Chang, K.F.** , 2007, A Study on the Development of the Hybrid Lighting System, TTSBE 2007 Proceedings of the International Conference in Sustainable Building 2007 Taipei , Session E, pp. E01-1~ E01-6, Taipei, Taiwan. (ISBN978-986-83878-0-5)
- C13 **Chang, K.F.**; Chou, P.C.; Chiang, C.M. & Chen, I.C., 2005, The Revised Version of the GB-tool for Subtropical Taiwan – from the barrier to Success, “SB05Tokyo” , The 2005 World Sustainable Building Conference in Tokyo, 04-027, pp. 1792-1797, Tokyo, Japan.
- C14 **Chang, K.F.**; Chou, P.C. & Chiang, C.M., 2004, A Study on the Sustainable Approaches for the Building Renovation in the Subtropical Region: taking Kaohsiung City Hall as a demonstration project on the Energy-saving and Occupant-healthy Benefits, “PLEA 2004”, The 21th Conference on Passive and Low Energy Architecture, Vol. 2, pp. 713-718, Eindhoven, The Netherlands.
- C15 Chou, P.C.; **Chang, K.F.** & Chiang, C.M., 2004, Predicted Simulation on the Lighting Energy Saving in a Classroom Using the Sun Shading as the Daylight-introducing Device, “PLEA 2004” , The 21th Conference on Passive and Low Energy Architecture, Vol. 2, pp. 1105-1108, Eindhoven, The Netherlands.