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Professor and Chairman

Dept. of Horticulture and Landscape Architecture, National Taiwan University

Dr. Chang teaches and directs the “Healthy Landscape and Healthy People Laboratory” at Department of Horticulture and Landscape Architecture in National Taiwan University (NTU), Taipei, Taiwan.

Dr. Chang has numerous experiences in the academic field of landscape architecture, his team, Healthy Landscape and Healthy People Laboratory, devotes in the research of the relationships between landscapes, human health and wellbeing. They endeavor to promote the scientific knowledge to the publics by publishing articles and books. The team collaborates with Dr. William Sullivan at the University of Illinois at Urbana-Champaign (UIUC) by holding conference workshops. They value the international collaboration that developed the exchange program for students and scholars in between NTU and UIUC.

Educational Background

PH.D. PARK AND RECREATION

1993, Pennsylvania State University, State College, PA, USA

MASTER OF SCIENCE, HORTICULTURE

1987, National Taiwan University, Taipei, Taiwan

BACHELOR OF LANDSCAPE ARCHITECTURE

1985, Chinese Culture University, Taipei, Taiwan

Research Interest

Therapeutic Landscapes

Landscape Ecology

Landscape Planning and Design

Recreational Planning and Management

Professional Experience

2019-Present Editor-in-Chief, Journal of the International Consortium of Landscape and Ecological Engineering (ICLEE)

2018-Present Chair, Committee of Education and Academic Affairs, International Federation of Landscape Architects Asia Pacific Region (IFLA-APR)

2018-Present Chair, Working Group of Horticultural Therapy, International Society for Horticultural Science

2018-Present President, Taiwan Society for People-Plant Relationship

2017-Present President, Chinese Taiwan Landscape Architects Society

2016-Present Steering Committee, Association of Pacific Rim Universities Sustainable Cities and Landscapes Hub (APRU-SCL)

2016-Present	Editor, Journal of Korean Society for People, Plants, and Environment
2016-Present	Vice Chairman, International Nature and Forest Welfare, Korea
2005-Present	Professor, Horticulture & Landscape Architecture, National Taiwan University
2014-2017	Associate Director, National Taiwan University of Highland Experimental Farm
2013-2017	Vice President, Chinese Taiwan Landscape Architects Society
2010-2015	Coeditor-in-Chief, Journal Landscape and Ecological Engineering
2010-2016	Delegate of Taiwan International Federation of Landscape Architecture (IFLA)
2010-2016	Editor-in-Chief, Journal of Outdoor Recreation Research (Taiwan, TSSCI)
2008-2012	Trustee, His Liu Environmental Greening Foundation (Taiwan)
2008-2010	General Secretary, the Society for People-Plant Relationship, R.O.C. (Taiwan)
2004-2008	President, the Outdoor Recreation Association of R.O.C. (Taiwan)
2001-2009	Editor-in-Chief, Journal of Landscape Architecture (Taiwan)
2001-2005	Professor, Horticulture, National Chung Hsing University, Taichung, Taiwan
2000-2004	General Secretary, the Outdoor Recreation Association of R.O.C. (Taiwan)
1996-2001	Associate Professor, Horticulture, National Chung Hsing University, Taichung, Taiwan
1993-1996	Associate Professor, Architecture and Urban Planning, Feng Chia University, Taichung, Taiwan

Publication

Selected Journal Articles

1. Wang, M. X., Wu, C. C. & Chang, C. Y. (2019). Emotional, Stress Benefits, and Preference of Humor Landscapes. *Journal of landscape*, 23(3), 51-70.
2. Wu, C. C. & Chang, C. Y. (2019). Research Trend in Health Benefits of Natural Landscape. *Journal of landscape*, 23(3), 1-18.
3. Tang, I. C., Tsai, Y. P., Lin, Y. J., Chen, J. H., Hsieh, C. H., Hung, S. H., Sullivan, W. C., Tang, H. F., & Chang, C. Y. (2017). Using functional Magnetic Resonance Imaging (fMRI) to analyze brain region activity when viewing landscapes. *Landscape and Urban Planning*, 162, 137-144.
4. Tsai, Y. P., Lin, Y. J., Chen, J. H., Hsieh, C. H., & Chang, C. Y. (2017). Using fMRI to Measure the Brain Reactions through viewing waterscape. *Journal of Architecture*, 101, 133-142. (Taiwan)
5. Jiang, B., Deal, B., Pan, H., Larsen, L., Hsieh, C. H., Chang, C. Y., & Sullivan, W. C. (2017). Remotely-sensed imagery vs. eye-level photography: Evaluating associations among measurements of tree cover density. *Landscape and Urban Planning*, 157, 270–281.
6. Lin, Y. H. & Chang, C. Y. (2017). The promotion and research of horticultural therapy in Taiwan. *Chronica Horticulturae*, 57(4), 9-14.
7. Sullivan, W. C., & Chang, C. Y. (2017). Landscapes and human health. *International Journal of Environmental Research and Public Health*, 14(10), 1212.
8. Chang, K. W.(Grace), Sullivan, W. C., Lin, Y. H., Su, W. C., & Chang, C. Y. (2016). The effect of biodiversity on green space users' wellbeing- An empirical investigation using physiological evidence. *Sustainability*, 8(10), 1-15.
9. Chang, Y. Y., Su, W. C, Tang, I. C., & Chang, C. Y. (2016). Exploring the Benefits of School Gardening for Children in Taiwan and Identifying the Factors Influencing these Benefits. *HortTechnology*, 26(6), 783-792.
10. Chou, W. Y., Lee, C. H. & Chang, C. Y. (2016). Relationships between urban open spaces and humans' health benefits from an ecological perspective: a study in an urban campus. *Landscape and Ecological Engineering*,

12(2), 255-267.

11. Su, W. C., Ahern, J. F., & Chang, C. Y. (2016). Why should we pay attention to “inconsistent” land uses? A viewpoint on water quality. *Landscape and Ecological Engineering*, 12(2), 247-254.
12. Tang, I. C., Sullivan, W. C., & Chang, C. Y. (2015). Perceptual evaluation of natural landscapes: The role of the individual connection to nature. *Environment & Behavior*, 595-617.
13. Chang, C. Y., & Tang, I. C. (2015). Connecting healthy urban ecology with human health. *Landscape Architecture Frontiers*, 3(1), 45-53. (China)
14. Chang, C. Y., & Tung, Y. C. (2015). The dose view of natural landscape benefits- A case study of waterscape. *Department of Humanities and Social Sciences*, 16(2) 97-104. (Taiwan)
15. Sullivan, W. C., Frumkin, H., Jackson, R. J., & Chang, C. Y. (2014). Gaia meets Asclepius: Creating Healthy Places. *Landscape & Urban Planning*, 127,182-184. Editor's choice.
16. Ho, L. C., Chen, J. C., & Chang, C. Y. (2014). Changes in the visual preference after stream remediation using an image power spectrum: Stone revetment construction in the Nan-Shi-Ken stream, Taiwan. *Ecological Engineering*, 71, 426-431.
17. Jiang, B., Chang, C. Y., & Sullivan, W.C. (2014). A dose of nature: Tree cover, stress reduction, and gender differences. *Landscape and Urban Planning*, 132, 26–36.
18. Yuan, Y. Y., Tseng, Y. H., & Chang, C. Y. (2014). Tourism subfield identification via journal clustering. *Annals of Tourism Research*, 47, 77- 95.
19. Lin, Y. H., Tsai, C. C., Sullivan, W. C., Chang, C. Y., & Chang, P. J. (2014). Does awareness effect the restorative function and perception of street trees?. *Frontiers in Psychology*, 5, 1-9.
20. Weng, P., Chiang, Y., Sato, N., & Chang, C. (2013). An investigation of the transformed forestry sector in Japan and Taiwan. *Journal of the Faculty of Agriculture, Kyushu University*, 58(2), 475-483.
21. Chang, C. Y., & Chang, Y. Y. (2012). The design principal of environmental health in rural. *Taiwan Leisure Farms Development Association*, 34, 1-6. (Taiwan)
22. Chang, C. Y., Chang, Y. Y., & Lin, Y. H. (2012). Defining Healing Landscape and Horticultural Therapy. *Landscape Architecture*, 73, 4-13. (Taiwan)
23. Wang, H. W., & Chang, C. Y. (2012). Landscape design check list of hospital's healing garden. *Landscape Architecture*, 73, 53-60. (Taiwan)
24. Hsieh, Y. T., & Chang, C. Y. (2012). The Benefits of Greening Waiting Room of Hospital. *Landscape Architecture*, 73, 78-82. (Taiwan)
25. Su, W. C., Chang, Y. Y., & Chang, C. Y. (2012). The effects of greening learning environments on subject's attention. *Landscape Architecture*, 73, 83-88. (Taiwan)
26. Chang, C. Y., Lin, Y. H., & Li, T. W. (2012). What People See in Leisure Farms? *Landscape Architecture*, 73, 89-96. (Taiwan)
27. Lin, Y. H., & Chang, C. Y. (2012). Theory conversation between research and practice on healing landscape. *Landscape Architecture*, 73, 97-102. (Taiwan)
28. Chiang, Y. C., Weng, P. Y., & Chang, C. Y. (2012). Influences of Green Space Structure and Residential Environment Quality on Living Satisfaction, *Journal of Landscape Architecture*, 18(3), 21-41. (Taiwan)
29. Ho, L. C., Chen, C. C., & Chang, C. Y. (2012). Quantification of Perceived Naturalness Using Scene Gist Algorithm. *Journal of Landscape Architecture*, 18(1), 23-38. (Taiwan)
30. Weng, P. Y., Chiang, Y. C., & Chang, C. Y. (2011). Influences of Land Development Level on Respondents' Naturalness and Psychophysical Responses, *Journal of Landscape Architecture*, 41-60. (Taiwan)
31. Chiang, Y. C., Chang, C. Y, & Ou, S. J. (2011). Influences of environmental property of forest trail on psychological evaluation responses. *Journal of Outdoor Recreation*, 24(2), 75-100. (Taiwan)
32. Chang, C. Y., Lee, T. W., & Chang, Y. Y. (2011). Sharing horticulture activities in working place, *Monthly Journal of Industrial Safety and Health Association*, 13-17.
33. Chang, Y. Y., Su, W. C., & Chang, C. Y. (2010). Correlation between students' performance in horticultural

field activities and their enhancement in attention and sense of achievement. *Taiwan Society for Horticultural Science*, 56(1), 57-65. (Taiwan)

34. Chiang, Y. C., & Chang, C. Y. (2010). The influence of riverside land use on water quality. *Landscape Architecture*, 16(3), 53-73. (Taiwan)
35. Huang, H. C., & Chang, C. Y. (2009). Discussing representative landscape of Taiwan: From viewpoints of college students, *Journal of Landscape Architecture*, 15(3), 23-52. (Taiwan)
36. Huang, H. C., Weng, P. Y., & Chang, C. Y. (2009). The Effect of Emotion Experience from Different Enclosed Elements. *Journal of Landscape Architecture*, 15(3), 53-71. (Taiwan)
37. Chiang, Y. C., Chang, & C. Y. (2009). The effect of landscape ecological structures on the psycho-physiological responses in the rural areas. *Architectural Institute of Taiwan*, 67, 131-148.
38. Chiang, Y. C., Ou, S. J., Chang, C. Y., & Weng, P. Y. (2009). The relationships among environmental information, situational concerns and preference in natural settings. *Journal of Landscape Architecture*, 15(4), 1-22. (Taiwan)
39. Chiang, Y. C., Weng, P. Y., Lin, S. H., & Chang, C. Y. (2008). The effect of highway lighting on birds and insect. *Journal of Landscape Architecture*, 14(3), 47-65. (Taiwan)
40. Chang, C. Y., Hammitt, W., Chen, P., Machnik, L., & Su, W C. (2008). Psychophysiological responses and restorative values of natural environments in Taiwan. *Landscape and Urban Planning*, 85(2), 79-84.
41. Chiang, Y. C., Weng, P. Y., Lai, H. L., & Chang, C. Y. (2007). Research on Therapeutic Landscapes in Taiwan. *The Asian and Australasian Journal of Plant Science and Biotechnology*, 1(2), 33-36.
42. Chang, C. Y., & Chen, P. K. (2005). Human response to window views and indoor plants in the workplace. *HortScience*, 40(5), 1354-1359.
43. Chang, C. Y. (2003). Landscape structure and bird's diversity in the rural areas of Taiwan. *Journal of Environmental Sciences*, 15(2), 241-248.
44. Chang, C. Y., Perng, J. L. (1998). Effect of landscape on psychological and physical responses. *Journal of Therapeutic Horticulture*, 9(5), 73-76.
45. Chang, C. Y. (1997). Using computer simulation to manage the crowding problem in parks: A study. *Landscape and Urban Planning*, 37, 147-161.

Bulletin

46. Chang, C. Y. (2018 January). Ten years of collaboration with the University of Illinois Urbana-Champaign. *Landscape: NTU research and development*, 4, 4-6.
47. Wu, C. C., Shih, C. Y., & Chang, C. Y. (2018). Cycling route network design. *Landscape*, 2018 (1), 44-51. (Taiwan)

Books

48. Chang, C. Y. (Ed.). (2012). *Research of Landscape and Health*. Taipei: National Taiwan University of Horticulture and Landscape Architecture, Laboratory of Landscape and Health.
49. Leitao, A. B., Miller, J., & McGarigal, K. (2011). *Measuring Landscape*. (Chang, C. Y., Lin, Y. P., Chang, C. R., & Wu, C. F., Trans.). Taipei: Wu-Nan Culture Enterprise. (Original work published 2006)
50. Chang, C. Y. (Ed.). (2010). *Healthy Landscape Design for Agricultural Areas*. Taipei: Taiwan Society for People-Plant Relationship.
51. Chang, C. Y. (Ed.). (2008). *Measuring Horticultural Therapeutic Benefits and Designing Horticultural Activities*. Taipei: Taiwan Society for People-Plant Relationship.
52. Lin, S. H. & Chang, C. Y. (2005). *Landscape ecology and vegetation engineering planning and design*. Taipei: Ming Wen CO., LTD.

53. Dramstad, W. E., Olson, J. D., & Forman, R. T. T. (2001). *Landscape Ecology Principles in Landscape Architecture and Land-use Planning*. (Chang, C. Y., Hung, C. C., Tseng, H. H., Trans.). Taipei: Lamper Enterprises CO., LTD. (Original work published 1996)
54. Chang, C. Y. (1987). *Analysis of visitor's crowding perception in recreational planning*. Taipei: Shu Shin Books.

Book Chapter

55. Shih-Han Hung, Chia-Ching Wu, Yu-Ping Tsai, Ying-Hsuan Lin, Yi-Ping Su, Chun-Yen Chang. Urban Landscapes, Health, and Well-Being. *Urban Landscapes in High-Density Cities: Parks, Streetscapes, Ecosystems* (ISBN: 3035617139). Jun, 2019.
56. Hung, S. H. & Chang, C. Y. (2018) ° Harmony with Nature-Does the Qi experience exist? Brief discussion about the Qi experience in Eastern and Western concepts in environments. In M. T. Li & H. J. Yen (Eds.), *Guide to Better Living: Leisure for a wonderful Life*. (123-127). Taipei: Shih Chien University.
57. Sullivan, W. C. & Chang, C. Y. (2011). Mental Health and the Built Environment. In Dannenberg, A. L., Frumkin, H., & Jackson, R. J. (Ed.). *Making healthy places: designing and building for health, well-being, and sustainability* (pp. 106-116). Washington, DC: Island Press.
58. Chiang, Y. C., Chang, C. Y., & Ou, S. J. (2008). Exploring the relation between natural settings and psychological restoration. *Acta Horticulturae books 775*. Acta Horticulturae, 123-130.
59. Chang, C. Y., Lin, Y. H., & Chou, M. T. (2008). Experiences and stress reduction of viewing natural environments. *Acta Horticulturae books 775*. Acta Horticulturae, 139-146.
60. Chang, C. Y. & Tang, H. F. (2007). Leisure recreation development trends and prospects. In Ou, S. J. (Ed.). *Theory and practices of leisure recreation* (pp. 438-457). Taipei: Future Career Publishing Corporation.
61. Chen, Y. T., Chang, C. Y. (2006). The impacts of recreational sound on bird species in the rural areas of Taiwan. In C. Y. Jim & R. T. Corlett (Ed.), *Sustainable Management of Protected Areas for Future Generations* (pp. 335-356). Hong Kong: Friends of the Country Parks.
62. Chang, C. Y. (2004). Psychophysiological responses to different landscape settings and a comparison of cultural differences. International Horticultural Congress: Expanding Roles for Horticulture in Improving Human Well-Being and Life Quality. *Acta Horticulturae books 639*. Acta Horticulturae, 57-65.
63. Chang, C. Y., Hung, C. C. (2004). A study of the restorative effects of urban and natural recreational settings. International Horticultural Congress: Expanding Roles for Horticulture in Improving Human Well-Being and Life Quality. *Acta Horticulturae books 639*. Acta Horticulturae, 235-239.
64. Chang, C. Y. (2004). Relationships between landscape ecology structures and residents' satisfaction with their living environment. *International Horticultural Congress: Expanding Roles for Horticulture in Improving Human Well-Being and Life Quality*. Acta Horticulturae books 639. Acta Horticulturae, 261-267.
65. Chang, C. Y. (2002). *The effect of flower color on respondents' physical and psychological responses in Interaction by Design: Bringing People and Plants Together for Health and Well-Being*. Iowa, USA: Iowa State Press.

Conference Workshop between 2012-2019

66. Chang, C. Y. (2019). Landscape and Human Health. 2019 APRU Sustainable Cities and Landscapes Conference, Sydney, Australia.
67. Chang, C. Y., & Jiang, B. (2018). Landscape and Human Health. 2018 APRU Sustainable Cities and Landscapes Conference, Hong Kong, China.
68. Chang, C. Y., Jiang, B., Li, D., & Sullivan, W. C. (2017) Landscapes & Human Health. Council of Educators in Landscape Architecture Conference, Beijing, China.
69. Sullivan, W. C., Chang, C. Y., Jiang, B., & Li, D. (2016). Healthy Landscapes & Healthy. People Council of Educators in Landscape Architecture Conference, Salt Lake City, USA.

70. Chang, C. Y. (2016). Therapeutic landscape design for healing environment. International Conference on HT and Therapeutic Landscaping– “Horticultural Therapy: People-Plant Connection”, Guangzhou, China.
71. Sullivan, W. C., & Chang, C. Y. (2015). Landscape & Human Health. The 46th Annual Conference of the Environmental Design Research Association, Los Angeles, USA.
72. Sullivan, W. C., & Chang, C. Y. (2014). Landscape & Human Health. The 45th Annual Conference of the Environmental Design Research Association, New Orleans, USA.
73. Sullivan, W. C., & Chang, C. Y. (2013). A Dose of Nature: Landscapes and Public Health. Council of Educators in Landscape Architecture Conference, Austin, USA.
74. Sullivan, W. C., & Chang, C. Y. (2012). Healthy Landscapes–Healthy People. Council of Educators in Landscape Architecture Conference, Champaign, USA.

Selected Conference Presentations

75. Jiang, X., Chang, C. Y., & Sullivan, W. C. (2019, Mar). Effects of green infrastructure on directed attention recovery. Council of Educators in Landscape Architecture Conference, Sacramento, USA.
76. Saeidi-Rizi, F., Chung, W. L., Chang, C. Y., & Sullivan W. C. (2019, Mar). The impacts of exposure to urban nature on healthcare workers. Council of Educators in Landscape Architecture Conference, Sacramento, USA.
77. Suppakitpaisarn, P., Deal, B., Chang, C. Y., & Sullivan, W. C. (2019, Mar). Green Stormwater Infrastructure in Urban Landscapes: Perceptions, preference, and vegetation density. Council of Educators in Landscape Architecture Conference, Sacramento, USA.
78. Chang, C. Y. (2019). Natural landscape and human health. BBSRC UK-Taiwan Partnering Workshop Programme: Sustainability and Resilience for the Built Environment, Wales, UK.
79. Chang, C. Y. (2019). The Healthy benefits of natural landscape and religious meditation. International Symposium on Matsu Island Development and Planning, Matsu, Taiwan.
80. Kao, Y. C. & Chang, C. Y. (2019). The effect on natural water sounds on attention restoration and stress reduction. The 17th Annual Symposium on Landscape, Taipei, Taiwan.
81. Wu, C. C. & Chang, C. Y. (2018). Establishing the Ecological Planning Criteria in Agricultural Environments. 2018 ICLEE 9th Conference, Taichung, Taiwan.
82. Yeh, Y. C. & Chang, C. Y. (2018). Neural Correlates of Nature Scenes: An fMRI Study. International Symposium on Horticultural Therapies: Past, Present and Future, Taichung, Taiwan.
83. Wu, Y. C. & Chang, C. Y. (2018). The Impact of Landscape Plant Fragrance on Emotion and Brain Responses. International Symposium on Horticultural Therapies: Past, Present and Future, Taichung, Taiwan.
84. Chung, W. L. & Chang, C. Y. (2018). The Psycho-physiological Effect of Urban Green Space for High-Pressure Workers by Using Wearable Devices. International Symposium on Horticultural Therapies: Past, Present and Future, Taichung, Taiwan.
85. Lai, P. H. & Chang, C. Y. (2018). Effects of Horticultural Activities on Emotions and Brain Response. International Symposium on Horticultural Therapies: Past, Present and Future, Taichung, Taiwan.
86. Liu, S. Y. & Chang, C. Y. (2018). The Influence of Landscape Colors of Leisure Farms on Physical-psychological Benefit. International Symposium on Horticultural Therapies: Past, Present and Future, Taichung, Taiwan.
87. Wu, C. C. & Chang, C. Y. (2018). Analysis of Psychophysiological Benefits of Therapeutic Agricultural Landscapes. International Symposium on Horticultural Therapies: Past, Present and Future, Taichung, Taiwan.
88. Chang, C. Y. (2018). Theories and Design Criteria of Therapeutic Landscapes. International Symposium on Horticultural Therapies: Past, Present and Future, Taichung, Taiwan.
89. Chang, C. Y. (2018). Health benefits and landscape design of healing landscape and activities. 2018 HTAA International Conference & China Annual Symposium of Horticulture Therapy, Beijing, China.
90. Chang, C. Y. (2018). A research based planning of therapeutic landscapes. International Conference on Precision Science in Life and Health, Matsu, Taiwan.

91. Chang, C. Y., & Wu, C. C. (2018). Do street trees benefit brains? An environmental brain plasticity study. XXX International Horticultural Congress, Istanbul, Turkey.
92. Chang, C. Y., Wu, C. C., Tsai, Y. P., Lin Y. J., Lee, H. T., & Hsu, Y. Y. (2018). Living landscape and brain reactions. IFLA World Congress 2018, Singapore.
93. Chang, C. Y. (2018). Health effects of unawareness to green scenes in urban environments. ISEE/ES-AC 2018 Changing Environment and Healthy Generations - How to secure human health in the dramatic changing environments, Taipei, Taiwan.
94. Chang, C. Y. (2018). Establishing the Research Platform of Landscape and Health. Benefits of Urban Green Infrastructure - A Cross Country Study International Workshop, Taipei, Taiwan.
95. Chang, C. Y. (2018). Landscape Images and Brain Activation. Symposium of Health Benefits of Landscapes & Forests, Taipei, Taiwan.
96. Chang, C. Y. (2017). Development of Forest Therapy in Taiwan. The 2nd International Symposium on Healthy Life with Forest Welfare & Nature, Yeonju City, Korea.
97. Chang, C. Y., & Hsu, Y. Y. (2017). Emotional Experience and Brain Activation Responses to Landscape Types. Council of Educators in Landscape Architecture Conference, Beijing, China.
98. Chang, C. Y., & Lee, H. T. (2017). Neural Correlates of Natural Scenes: Effects of Scene Category and Spatial Frequency on Brain Activation Responses. Council of Educators in Landscape Architecture Conference, Beijing, China.
99. Chou, W. Y., & Chang, C. Y. (2017). Landscape Characteristics of Supportive Environment from the Perspectives of Mind-Body Exercise. Council of Educators in Landscape Architecture Conference, Beijing, China.
100. Lin, Y. H., Chang, C. Y., & Sullivan W. C. (2017). Greenness Benefits on Attention Restoration—But Does It Affect Equally Across. Council of Educators in Landscape Architecture Conference, Beijing, China.
101. Yeh, Y. C., & Chang, C. Y. (2017). Neural Correlates of Design Thinking and Designers' Learning Styles: An fMRI Study. Council of Educators in Landscape Architecture Conference, Beijing, China.
102. Ting, Y. N., & Chang, C. Y. (2017). Physiological and Psychological Benefits of Natural Recreation. Council of Educators in Landscape Architecture Conference, Beijing, China.
103. Chang, C. Y., Tsai, Y. P., & Sullivan, W. C. (2016). An fMRI analysis of the graphic design thinking and creativity. Council of Educators in Landscape Architecture Conference, Salt Lake City, USA.
104. Liao, M. L., Yeh, W. J., Ou, S. J., Lan, T. H., Sullivan W. C., & Chang, C. Y. (2016). The Influences of Waterscape Types and Scales on Medical Staffs' Psychophysiological Responses. Council of Educators in Landscape Architecture Conference, Salt Lake City, USA.
105. Chang, C. Y. (2016). Health Landscape Health People. 2016 Conference of the Council of Educators in Landscape Architecture, Salt Lake City, USA.
106. Wu, C. C., & Chang, C. Y. (2016). Urban Riverside Ecology and Biodiversity. Council of Educators in Landscape Architecture Conference, Salt Lake City, USA.
107. Chang, C. Y. (2016). Health @Green Urban and Agriculture. Green Development, Honan Zhengzhou, China.
108. Chang, C. Y. (2016). Map for understanding natural landscapes impact on human health. International Conference on HT and Therapeutic Landscaping— "Horticultural Therapy: People-Plant Connection", Guangzhou, China.
109. Chang, C. Y. (2016). A Landscape Ecological Approach on the Therapeutic Landscape Planning. 2016 International Symposium & the 1st Convention of International Association for Nature and Forest Welfare, Korea.
110. Chang, C. Y. (2015). Benefits of natural landscapes - a framework. The 46th Annual Conference of the Environmental Design Research Association, Los Angeles, USA.
111. Huang, C. Y., & Chang, C. Y. (2015). An fMRI study of Brain Response of Landscape Designers' Spatial Recognition. The 46th Annual Conference of the Environmental Design Research Association, Los Angeles,

USA.

112. Tang, I. C., & Chang, C. Y. (2015). A review of the brain responses associated with different environmental stimuli. The 46th Annual Conference of the Environmental Design Research Association, Los Angeles, USA.
113. Tsai, Y. P., & Chang, C. Y. (2015). Neural Correlates of Landscape Design Creativity: An fMRI study. The 46th Annual Conference of the Environmental Design Research Association, Los Angeles, USA.
114. Chang, C. Y. (2014). A Framework for Landscaping and Health Studies. The 1st International Conference on Horticultural Therapy and Therapeutic Landscaping, Hong Kong, China.
115. Chang, C. Y., Lin, Y. J., & Chen, J. L. (2014). Effect of Viewing Natural Landscape on Brain Region Activities. The 29th International Horticultural Congress, Brisbane, Australia.
116. Chang, C. Y., Chang, Y. T., & Sullivan, W. C. (2014). Investigating Local Ecosystem: An Approach for the General Public. Urbio 2014, Incheon, Korea.
117. Chou, W. Y., & Chang, C. Y. (2014). The influence of urban landscape structure on microclimate and users' health responses. Urbio 2014, Incheon, Korea.
118. Sullivan, W. C., & Chang, C. Y. (2014). Inappropriate versus inconsistent land use: their effect on water quality. Poster presented at Urbio 2014, Incheon, Korea.
119. Tang, I. C., & Chang, C. Y. (2014). Perceptual Evaluations of Green Infrastructures with Varying Degrees of Naturalness: The Role of Individual Connection to Nature. Urbio 2014, Incheon, Korea.
120. Weng, P. Y., Chiang, Y. C., & Chiang, C. Y. (2014). Pattern Does Matters: The Effect of Landscape Structure on City Resident's Health. Urbio 2014, Incheon, Korea.
121. Weng, P. Y., Chiang, Y. C., & Chiang, C. Y. (2014). Relative influences of physical environments attitudes, and self-reported health correlates of walking. The Edra45 New Orleans conference committee 2014, New Orleans, USA.
122. Hsiao, M. C., & Chang, C. Y. (2013). Influences of Plants' Motion on Landscape Preference, Attention Recovery and Affective Response. Poster presented at Council of Educators in Landscape Architecture Annual Conference 2013, Austin, USA.
123. Hung, S. H., & Chang, C. Y. (2013). Relationships among Flow Experience, Qi Experience, Attention Restoration and Preference. Poster presented at Council of Educators in Landscape Architecture Annual Conference 2013, Austin, USA.
124. Liao, C. F., & Chang, C. Y. (2013). The Effect of Sound of Water on Human Physiological Responses. Poster presented at Council of Educators in Landscape Architecture Annual Conference 2013, Austin, USA.
125. Lin, Y. H., & Chang, C. Y. (2013). A Synthetically Process to Evaluate the Agritourism Landscape in Taiwan. Poster presented at Council of Educators in Landscape Architecture Annual Conference 2013, Austin, USA.
126. Lin, Y. J., & Chang, C. Y. (2013). Effects of Landscape on Psychological Response and Brain Region Activity. Poster presented at Council of Educators in Landscape Architecture Annual Conference 2013, Austin, USA.
127. Lin, Y. T., & Chang, C. Y. (2013). The Relationship between a Plant's Traits, a Plant's Taste and Function, and Feng Shui. Council of Educators in Landscape Architecture Annual Conference 2013, Austin, USA.
128. Sullivan, W. C., & Chang, C. Y. (2013). A Dose of Nature: Landscapes and Public Health. Council of Educators in Landscape Architecture Annual Conference 2013, Austin, USA.
129. Tung, C. F., & Chang, C. Y. (2013). The Case Studies of Treatment Effect of Horticultural Therapy Activities on Dementia Patients. Council of Educators in Landscape Architecture Annual Conference 2013, Austin, USA.
130. Chang, Y. Y., & Chang, C. Y. (2012). Exploring the Beneficial Effects of Gardening for children. Council of Educators in Landscape Architecture Annual Conference 2012, Champaign, USA.
131. Ho, Y. H., Sullivan, W. C., & Chang, C. Y. (2012). Psychological and Physiological Responses to Various Landscape Types: A Comparison of Cultural Differences. Council of Educators in Landscape Architecture Annual Conference 2012, Champaign, USA.
132. Hsiang, C. H., & Chang, C. Y. (2012). A Case Study of the Psychological Effect of Gardening on Older Adults. Council of Educators in Landscape Architecture Annual Conference 2012, Champaign, USA.

133. Lin, Y. Y., Peng, S. F., & Chang, C. Y. (2012). Is "green" the best answer? Restorative experiences and psychophysiological responses between mountain and sea landscape. Council of Educators in Landscape Architecture Annual Conference 2012, Champaign, USA.
134. Yu, H. L., Lin, Y. H., & Chang, C. Y. (2012). The dose of viewing nature on physiological and psychological benefits. Council of Educators in Landscape Architecture Annual Conference 2012, Champaign, USA.
135. Hsiao, M. C., & Chang, C. Y. (2012) Influences of Plants' Motion on Landscape Preference, Attention Recovery and Affective Response. The 14th Leisure, Recreation, and Tourism Research Symposium and International Forum, Hualien, Taiwan.
136. Yu, H. L., & Chang, C. Y. (2011). The Dose of Viewing Nature on Physiological and Psychological Benefits. The 13th Leisure, Recreation, and Tourism Research Symposium and International Forum, Taipei, Taiwan.
137. Huang, H. C., Chang, Y. Y., & Chang, C. Y. (2011). The Influence of Horticultural Activities on Elders' Life. Orange Beneficence-International Design Conference of Smart Living for Elderly, Taipei, Taiwan.
138. Chang, C. Y., Chang, Y. Y., & Ho, Y. H. (2011). The effect of landscape ecological structures on the psychophysiological responses: a cross cultural study. Scales of Nature 48th IFLA World Congress, Zurich, Switzerland.
139. Chou, W. Y., Chang, C. Y., & Chen, K. H. (2011). An evaluation of healthy environment with Qi for qigong practitioners. Scales of Nature 48th IFLA World Congress, Zurich, Switzerland.
140. Chang, C. Y., Lin, Y. H., Chang, Y. T., & Lee, T. W. (2011). Agritourism Landscapes in the Rural Areas of Taiwan. IFLA APR Cultural Landscape Committee.
141. Chou, W. Y., Chang, C. Y., & Sullivan, W. C. (2011). Environmental Qi Field Qualities of Different Landscape Structures. The International Federation of Landscape Architects Asia Pacific Regional Congress 2011.
142. Su, W. C., Chang, Y. T., & Chang, C. Y. (2011). The appropriate scales to study bird and butterfly biodiversity in Taiwan rural areas. The 8th International Association for Landscape Ecology World Congress, Beijing, China.
143. Chang, Y. Y., & Chang, C. Y. (2011). Design guidelines of outdoor therapeutic environments for children with autism. The 42th Annual Conference of the Environmental Design Research Association, Chicago, USA.
144. Tang, I. C., Chang, C. Y., & Sullivan, W. C. (2011). With different eyes: effects of individual's connection with nature on perceiving environmental information. The 42th Annual Conference of the Environmental Design Research Association, Chicago, USA.
145. Weng, P. Y., & Chang, C. Y. (2011). Comparing and examining of physical activity and human health in different urban green space. 42th Annual Conference of the Environmental Design Research Association, Chicago, USA.
146. Ho, L. C., Chang, C. Y., & Chen, C. C. (2011). The image characteristics for perceived naturalness. The 7th Asia-Pacific Conference on Vision (APCV), Hong Kong, China.
147. Tang, I. C., & Chang, C. Y. (2011). Our relationship with nature: engaging with and psychological restoration in nature. The International Federation of Landscape Architects Asia Pacific Regional Congress 2011, Bangkok, Thailand.
148. Chang, C. Y., & Sullivan, W. C. (2010). The effects of land use to water quality in rural areas. 16th International Symposium on Society and Resource Management, Corpus Christi, USA.
149. Chang, Y. Y., & Chang, C. Y. (2010). The benefits of outdoor activities for children with Autism. 16th International Symposium on Society and Resource, Corpus Christi, USA.
150. Ho, Y. H., & Chang, C. Y. (2010). Cultural variations in green-space openness cognition and preference. 16th International Symposium on Society and Resource Management, Corpus Christi, USA.
151. Chou, W. Y., Chang, T. L., & Chang, C. Y. (2010). Benefits of environmental volunteer activities: environmental health and human health. 16th International Symposium on Society and Resource Management, Corpus Christi, USA.
152. Hsiao, C. Y., & Chang, C. Y. (2010). The effect of different ways to beautify the viaduct on drivers' psychophysiological response. 16th International Symposium on Society and Resource Management, Corpus Christi, USA.

153. Lee, C. S., & Chang, C. Y. (2010). The influence of landscape ecological structures on respondent's psycho-physiological responses. 16th International Symposium on Society and Resource Management, Corpus Christi, USA.
154. Tang, I. C., & Chang, C. Y. (2010). From psychological restoration in nature to ecological behavior: the role of connectivity with nature. 16th International Symposium on Society and Resource Management, Corpus Christi, USA.
155. Chang, C. Y. (2010). A Natural Park that Benefits Both Wildlife and Visitors. Healthy Parks Healthy People Congress, Melbourne, Australia.
156. Chang, C. Y. (2010). The Environmental Framework of Healthy Landscape Healthy People. Japan Taiwan Joint Symposium on Disaster Education and Risk Communication for Climate Change Adaptation, Kyoto, Japan.
157. Chou, W. Y., Chang, Y. Y., Lee, T. W., Chang, C. Y., & Chang, T. L. (2010). The Benefits of Horticulture Activities and Green Environment for Different Patients: Children with Autism, Adults with Psychiatric Disease and Elder with Dementia. In Our Nature Conference.
158. Lee, T. W., & Chang, C. Y. (2010). The Impact of Greening Spaces on Patients in Psychiatric Hospital. 28th International Horticultural Congress, Lisbon, Portugal.
159. Chang, C. Y., & Lin, Y. H. (2009). The Relationship between Perceived Naturalness and Recovery. International conference of natural environment and health benefits, Taipei, Taiwan.
160. Chang, C. Y. (2009). A Conceptual Framework for the Healthy Benefits of Ecological Landscape. International conference of natural environment and health benefits, Taipei, Taiwan.
161. Chang, C. Y., & Chang, Y. T. (2009). A cross-scale approach to the biodiversity of birds and butterflies in landscape structures. European Landscapes in Transformation: Challenges for Landscape Ecology and Management, International Association for Landscape Ecology European Conference 2009, Salzburg, Austria.
162. Chang, C. Y., Lin, Y. H., Chang, Y. T., & Tang, H. F. (2009). The Empirical Study of Ecosystem Services on Human Health. European Landscapes in Transformation: Challenges for Landscape Ecology and Management, International Association for Landscape Ecology European Conference 2009, Salzburg, Austria.
163. Lin, Y. H., & Chang, C. Y. (2009). Restorative benefits of natural greenness: A meta-analysis on attention restorative theory. 15th International Symposium on Society and Resource Management, Vienna, Austria.
164. Weng, P. Y., & Chang, C. Y. (2009). Development of residents' environmental health cognition scale. 15th International Symposium on Society and Resource Management, Vienna, Austria.
165. Chang, C. Y., Huang, W. M., Sullivan, W. C., Lin, Y. H., & Chang, Y. T. (2009). Landscape ecological planning process for watershed in Taiwan. 2009 Incheon IFLA APR Congress, Incheon, Korea.
166. Chang, C. Y., Sullivan, W. C., & Tang, H. F. (2009). A healthy landscape benefits both wildlife and humankind. 2009 Incheon IFLA APR Congress, Incheon, Korea.
167. Sullivan, W. C., & Chang, C. Y. (2009). Landscape Ecological Indicators to Evaluate Urban Greenland. 2009 Incheon IFLA APR Congress, Incheon, Korea.
168. Sullivan, W. C., Chang, C. Y., & Sung, K. C. (2009). Environmental impact monitoring based on ecological carrying capacity. 2009 Incheon IFLA APR Congress, Incheon, Korea.
169. Ho, L. C., & Chang, C. Y. (2008). Development of a Perceived Naturalness Scale. Poster presented at the International Conference on Ecological Restoration, Taipei, Taiwan.
170. Su, W. C., Weng, P. Y., & Chang, C. Y. (2008). Assessing the land use regulation for landscape ecology in the protected area. Poster presented at the International Conference on Ecological Restoration, Taipei, Taiwan.
171. Hsieh Y. T., Lin, Y. H., & Chang, C. Y. (2008). The Psychological Benefits of Waiting Room of Hospital. Poster presented at the International Conference on Ecological Restoration, Taipei, Taiwan.
172. Chiang, Y. C., Ou, S. J., Chang, C. Y., Weng, P. Y., & Purcell, T. (2008). Exploring the relationship between situational concerns and preference in different of natural settings. 20th biennial International Association of People and Environment Studies. Rome, Italy.
173. Chang, C. Y. (2008). A framework for healthy landscapes vs. healthy people. 14th International Symposium on

Society and Resource Management, Burlington, USA.

174. Chiang, Y. C., Ou, S. J., Chang, C. Y., & Purcell, T. (2008). The influences of forest trail information and situational concerns on the preference and fear- a cross-culture study. 14th International Symposium on Society and Resource Management, Burlington, USA.
175. Chen, Y. C., & Chang, C. Y. (2008). The application of Helikite Aerial Photography in measuring vegetation cover at the peak of Hehuanshan. 14th International Symposium on Society and Resource Management, Burlington, USA.
176. Lin, Y. H., & Chang, C. Y. (2008). Seeking the effective components of restorative experiences of natural environments in Taiwan. 14th International Symposium on Society and Resource Management, Burlington, USA.
177. Su, W. C., & Chang, C. Y. (2008). The evaluation of environmental impact on the reconstructed wetland. 14th International Symposium on Society and Resource Management, Burlington, USA.
178. Weng, P. Y., & Chang, C. Y. (2008). The influence of urban green space on human health. 14th International Symposium on Society and Resource Management, Burlington, USA.
179. Lin, Y. H., & Chang, C. Y. (2008). Is the environment with more ecological beneficial characteristics better for human beings? Poster presented at the 14th International Symposium on Society and Resource Management, Burlington, USA.
180. Su, W. C., & Chang, C. Y. (2008). The Temporal and Spatial Analysis of Habitats and Species in Yangmingshan National Park. Poster presented at the 14th International Symposium on Society and Resource Management, Burlington, USA.
181. Chang, C. Y. (2007). Ecocity - Healthy landscape and healthy people? International Conference on Landscape and Ecological Engineering Issues and Problems for Environmental Restoration 2007, Korea.
182. Chang, C. Y., & Lin, Y. H. (2007). Health benefits of horticultural activities on leisure farms in Taiwan. American Horticultural Therapy Association Conference 2007, Silver Spring, USA.
183. Hsieh, Y. T., & Chang, C. Y. (2007). The benefits of outdoor recreation for ADHD children. American Horticultural Therapy Association Conference 2007, silver spring, Silver Spring, USA.
184. Chang, C. Y., Su, W. C., Lin Y. H., & Tang, H. F. (2007). A healthy landscape benefits both wildlife and humankind. The 7th World Congress of International Association for Landscape Ecology, Netherlands.
185. Su, W. C., Chang, C. Y., & Sung, K. C. (2007). Environmental impact monitoring based on ecological carrying capacity. The 7th World Congress of International Association for Landscape Ecology, Netherlands.
186. Chang, C. Y. Huang, W. M., Su, W. C., Lin, Y. H., & Chang, Y. T. (2007). Landscape ecological planning process for watershed in Taiwan. Poster presented at the 7th World Congress of International Association for Landscape Ecology, Netherlands.
187. Su, W. C., & Chang, C. Y. (2007). Landscape ecological indicators to evaluate urban greenland. Poster presented at the 7th World Congress of International Association for Landscape Ecology, Netherlands.
188. Chang, C. Y., Tang, H. F., Lin, Y. S., & Peng, S. F. (2007). The health benefits of recreational activities on leisure farms in Taiwan. The 13rd International Symposium on Society and Resource Management, Park City, USA.
189. Lin, Y. H., Huang, W. C., & Chang, C. Y. (2007). The attitude of aborigine in developing ecological tourism. The 13th International Symposium on Society and Resource Management, Park City, USA.
190. Huang, H. C., & Chang, C. Y. (2007). Analysis of recreation impacts and satisfaction in ecotourism areas. The 13th International Symposium on Society and Resource Management, Park City, USA.
191. Chang, C. Y., Sung, K. C., & Huang, H. C. (2007). The relationship between landscape ecological structures and natural environmental impact in ecotourism areas. Poster presented at the 13th International Symposium on Society and Resource Management, Park City, USA.
192. Lin, Y. H., Chang, C. Y., & Lin, D. L. (2007). The ecological education effect on butterfly ecological education garden in Taiwan. Poster presented at the 13th International Symposium on Society and Resource Management, Park City, USA.
193. Chang, C. Y., Tang, H. F., Sung, K. C., & Lin, Y. H. (2006), Recreation Impact Assessment on The Natural Based

Recreational Areas of Taiwan, The 12th International Symposium on Society and Resource Management, Vancouver, Canada.

194. Tang, H. F., Chang, C. Y., Sung, K. C., & Lin, Y. H. (2006). Recreation impact assessment on the natural based recreational areas of Taiwan. Poster presented at the 12th International Symposium on Society and Resource Management, Vancouver, Canada.
195. Chang, C. Y., & Tang, H. F. (2006), Therapy Well-being of Natural Based Recreational Areas, The 12th International Symposium on Society and Resource Management, Vancouver, Canada.
196. Chang, C. Y. (2006). Therapy well-being of natural based recreational areas. The 12th International Symposium on Society and Resource Management, Vancouver, Canada.
197. Chang, C. Y. (2006). A Landscape Ecological Approach to the Relationship between Hedgerow Corridors and Avian in Rural Area of Taiwan. The International Conference on Ecological Restoration in East Asia, Osaka, Japan.
198. Chang, C. Y. (2006). Recreation Activity Impacts on the Ecotourism Sites in Taiwan. Poster presented at the International Conference on Ecological Restoration in East Asia, Osaka, Japan.
199. Chiang, Y. C., Chang, C. Y., & Ou, S. J. (2006). Exploring the relation between natural settings and psychological restoration. The 27th International Horticultural Congress and Exhibition. Seoul, Korea.
200. Tsai, S. J., Hsu, J. H., & Chang, C. Y. (2006). The Benefit and Evaluation of Gardening. Poster presented at the 27th International Horticultural Congress, Seoul, Korea.
201. Lin, P. J., & Chang, C. Y. (2006). The Attention Restorative Effect of the Green Lands in the Urban Areas. Poster presented at the 27th International Horticultural Congress, 2006, Seoul, Korea.
202. Lin, P. J., & Chang, C. Y. (2006). The Benefits of Reforming the Vacant Space into Green Lands. The 27th International Horticultural Congress, 2006, Seoul, Korea.
203. Huang, W. M., Chang, C. Y., & Ou S. J. (2006). Evaluating the landscape health by analyzing the structure of the vegetations. Poster presented at the 27th International Horticultural Congress, 2006, Seoul, Korea.
204. Huang, H. C. & Chang, C. Y. (2006). The Effect of the Ecological Wetlands on Releasing the Respondents' State-anxiety Level. Poster presented at the 27th International Horticultural Congress, 2006, Seoul, Korea.
205. Chen, P. W., Chang, C. Y., & Ou S. J. (2006). The benefits of the perceptions of plants Fractional Dimension on the human health. Poster presented at the 27th International Horticultural Congress, 2006, Seoul, Korea.
206. Chang, C. Y., & Chou, M. T. (2006). Therapy Well-being of Landscape, Activity, and Experience in the Natural Based Areas. The 27th International Horticultural Congress, 2006, Seoul, Korea.
207. Chang, C. Y., & Tang, H. F. (2006). Recreational impacts in the natural based recreational area. The 3rd International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas, Rapperswil, Switzerland.
208. Chang, C. Y., & Tang, H. F. (2006). The ecological and human benefits of the natural based recreational area. The 3rd International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas, Rapperswil, Switzerland.
209. Chang, C. Y. (2005). Landscape ecology structure, wildlife diversity, and human responses in a park. ISSRM2005, the 11th International Symposium on Society and Resource Management, Mid-Sweden University, Östersund, Sweden.
210. Chang, C.Y. (2005). The relationship between greenway and community environment in the rural of Taiwan. ISSRM2005, the 11th International Symposium on Society and Resource Management, Mid-Sweden University, Östersund, Sweden.
211. Hammitt, W., & Chang, C. Y. (2005). A visual approach analysis of the landscape benefits of natural based tourism areas. World Wilderness congress (WWC), Anchorage, Alaska, USA.
212. Chang, C. Y. (2005). Sustainable landscape for the natural based recreational areas - a study. IUCN World Commission on Protected Areas 5th Conference on Protected Areas of East Asia, Hong Kong, China.
213. Chang, C. Y. (2005). Multipurpose plans of the sewage drainage in the urban fringe greenways. IUCN World

Commission on Protected Areas 5th Conference on Protected Areas of East Asia, Hong Kong, China.

214. Chen, Y. T., & Chang, C.Y. (2005). The impacts of recreational sound on bird's species in the rural areas of Taiwan. IUCN World Commission on Protected Areas 5th Conference on Protected Areas of East Asia, Hong Kong, China.
215. Chou, Y. Y., & Chang, C.Y. (2005). The relationship between woody corridors and avian diversity. IUCN World Commission on Protected Areas 5th Conference on Protected Areas of East Asia, Hong Kong, China.
216. Chiang, Y. C., & Chang, C.Y. (2005). Searching a sustainable environment for wildlife and humankind. IUCN World Commission on Protected Areas 5th Conference on Protected Areas of East Asia, Hong Kong, China.
217. Chou, M. I., & Chang, C. Y. (2005). Health Oriented Visitor's Experiences and Activities in Natural Based Recreational Areas. IUCN World Commission on Protected Areas 5th Conference on Protected Areas of East Asia, Hong Kong, China.
218. Chen, P. W., & Chang, C. Y. (2005). The relationship between rural landscape and people experiences. IUCN World Commission on Protected Areas 5th Conference on Protected Areas of East Asia, Hong Kong, China.
219. Huang, W. M., & Chang, C. Y. (2005). The relationship between landscape structure and actual prices of house transactions. IUCN World Commission on Protected Areas 5th Conference on Protected Areas of East Asia, Hong Kong, China.
220. Chang, C. Y. (2005). Recreational activity impacts on the rural landscape ecology in Taiwan. The 21st Annual Symposium of the United States Regional Association of the International Association for Landscape Ecology, Syracuse, USA.
221. Chang, C. Y., & Chiang, Y. C. (2005). Linking landscape ecology and landscape psychophysiology for a sustainable landscape. The 20th Annual Symposium of the United States Regional Association of the International Association for Landscape Ecology, Syracuse, USA.
222. Chang, C. Y., & Tang, H. F. (2004). The effect of natural landscape on human responses. The 8th International People-Plant Symposium, Awaji Island, Japan.
223. Chang, C. Y., & Tang, H. F. (2004). Child's direct attention within the planting vs. Non-planting classroom. The 8th International People-Plant Symposium, Awaji Island, Hyogo, Japan.
224. Chang, C. Y., & Chiang, Y. C., (2004). Healthy landscape, healthy wildlife and healthy people for a sustainable environment. 2004 Annual Conference of American Horticulture Therapy Association, Atlanta, USA.
225. Chang, C. Y., & Lin, Y. P. (2004). The effect of vegetation structure on the air pollution improvement in the urban areas of Taiwan. 2004 Annual Conference of American Horticulture Therapy Association, Atlanta, USA.
226. Chang, C. Y. (2004). Using landscape ecology and landscape psychophysiology for a sustainable environment for humankind and other species. The 19th Annual Symposium for the US- International Association for Landscape Ecology, Las Vegas, USA.
227. Chang, C. Y. (2004). The relationship between landscape ecology structures and air quality in the urban areas. The 19th Annual Symposium for the US- International Association for Landscape Ecology, Las Vegas, USA.
228. Chang, C. Y. (2004). A landscape ecology approach to establishing the evaluation method of river corridor. The 19th Annual Symposium for the US- International Association for Landscape Ecology, Las Vegas, USA.
229. Chang, C. Y., & Chiang, Y. C. (2004). Searching a sustainable landscape ecology for wildlife species and humankind. The 41st IFLA World Congress, Taipei, Taiwan.
230. Chang, C. Y. (2003). Landscape ecology and human's psychophysical responses. Freedom to Grow, AHTA's 2003 Annual Conference, Victoria, Canada.
231. Chang, C. Y. (2003). The horticulture therapy approach of the planning of the Mennonite social-welfare educational park. Freedom to Grow, AHTA's 2003 Annual Conference, Victoria, Canada.
232. Chang, C. Y. (2003). Landscape ecology structure and human wellbeing. The Crossing Frontiers, IALE World Congress 2003, Darwin, Australia.
233. Chang, C. Y. (2003). Using landscape ecology indices to manage the construction works of Yushan national

park in Taiwan. The Crossing Frontiers, IALE World Congress 2003, Darwin, Australia.

234. Chang, C. Y. (2003). Healthy landscape healthy people? The influence of landscape ecological structures on species, respondents' natural perception, and psychophysical responses. The Crossing Frontiers, IALE World Congress 2003, Darwin, Australia.
235. Chang, C. Y. (2002). The psychophysiological responses of different landscape settings. The XXVI International Horticultural Congress, Toronto, Canada.
236. Chang, C. Y. (2002). The relationships between landscape ecology structures and residences' living satisfaction. The XXVI International Horticultural Congress, Toronto, Canada.
237. Hung, C. C., & Chang, C. Y. (2002). A study of the restorative effects of urban and natural recreational settings. The XXVI International Horticultural Congress, Toronto, Canada.
238. Chang, C. Y., & Lin, H. H. (2002). A recreation and landscape analysis of the stream dam in Taiwan. Protected Area Management Symposium, National Park, Sardinia, Italy.
239. Chang, C. Y. (2002). A turning point of the park and protect areas of Chichi earthquake-damaged areas in Taiwan. Protected Area Management Symposium, National Park, Sardinia, Italy.
240. Chang, C. Y. (2002). The concepts and cases of ecotourism. Asia Pacific Ecotourism Conference 2002, Palau.
241. Chang, C. Y. (2001). Landscape Structure and bird's diversity in the rural area of Taiwan: A study. The 2nd IALE Asia-Pacific Region Conference, Lanzhou, China.
242. Chang, C. T. (2000). Landscape elements and bird's richness, evenness, and diversity in Taiwan: A study. The 15th Annual Symposium U.S. Regional Association of the International Association for Landscape Ecology and The Second Conference of the Walt Dineen Society, Ft. Lauderdale, Florida, USA.
243. Chang, C. Y. (2000). The effect of the plant color on respondents physical and psychological responses, The IPPS 2002, School of Chicago Botanic Garden, USA.
244. Chang, C. Y., & Tseng, T. H. (2000). A study of the influences of hospital landscape to patient's physical/psychological reaction. The IPPS 2002, School of Chicago Botanic Garden, USA.
245. Chang, C. Y. (1999). The safety problem of the outdoor playground in the kindergarten: A study. The Playground Safety 1999, State College, PA, USA.
246. Chang, C. Y. (1996) Visitor's consumption behavior of agriculture products in national parks: A case study of Yangmingshan national park in Taiwan. The Sixth International Symposium on Society and Resource Management, State College, PA, USA.
247. Chang, C. Y. (1996). The factors of visitors' vandalism behavior in the park: A case study of Chung-Shan Park in Taichung, Taiwan. The Sixth International Symposium on Society and Resource Management, State College, PA, USA.