



The Design Consideration of Outdoor Playground: From Elementary School Student's Perceived Attraction and Satisfaction

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ABSTRACT Since outdoor playground is important for elementary school students (ESS), the facilities set in playground can play an important role in triggering children's learning and socialization. This study used importance performance analysis to explore elementary school students' expected perceived attraction and actual experienced satisfaction perceptions towards school outdoor sports playground. ESS in Taiwan from 3rd to 6th grades were targeted as the main research objects. The findings are: (1) in the 1st quadrant students feel satisfied and attracted that "playground has equipment with swinging and vibration features" and "have climbing drill equipment with balance functions", (2) six items in the 2nd quadrant was with highly perceived attraction but low satisfaction, (3) the 3rd quadrant with seven items were with low degrees in both perceived attraction and satisfaction, and (4) the 4th quadrant containing seven items were with low perceived attraction and high satisfaction effectively. Based on this, recommendations were proposed.