

Piyaporn Worapayod 2008: On the Temple Visual Pollution affected by Infrastructure and Construction in Chiang Mai Municipality, Chiang Mai Province Master of Science (Environmental Science), Major Field: Environmental Science, College of Environment. Thesis Advisor: Associate Professor Ittipol Rasrikreangkai, M.Ed.
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The purpose of this research was to study structure, role and environments of the temples and to measures decrease the effect of building infrastructure and construction to obstruct the temples. The process began with examining Wat Pra-sing, Wat Chedi Luang, Wat Chai Mong-Kol and Wat Suan-dork using 400 people of example groups from 147,659 population. The qualitative analysis was based on validity and quantitative analysis was based on reliability.

The result of investigation showed that the location of infrastructure and construction were not suitable for any nearby construction to the temples because the size and the shape obstruct the temple beauty. The example group agreed that the city had been expanding rapidly and there were excessive infrastructure and construction such as buildings, wires and telephone lines that was built obstructing the beauty of temple. Those infrastructure and construction contrasted and irritated with the image of temple. The solution of this problem was to grow the plants around the temple in order to hide the infrastructure and construction. Moreover, the infrastructure and construction should be resized and rearranged the temple surroundings for tidiness and to increase the attractiveness of temple. Another solution could be adjustment the building elements such as material, size, and color to blend with ancient architecture inside the temple. With these solutions, the example group agreed with the measure at 71.13 average percent.

Student's signature

Thesis Advisor's signature