

Amornrat Warin 2010: Factors Relating to Green Area Management of Managers of Residential Building Project in Bangkok. Master of Science (Forest Resource and Environmental Administration), Major Field: Forest Resource and Environmental Administration, Interdisciplinary Graduate Program. Thesis Advisor: Assistant Professor Wiwat Hanvongjirawat, Dr.rer.nat. 108 pages.

Objective of the study were to investigate green area management, to determine factors relating the green area management of managers of residential building project of which environmental impact assessment (EIA) has been evaluated in Bangkok and to study problems and obstacles of the green area management. Data collection was carried out by using the designed questionnaire to interview project managers. The statistical analysis method for testing the relationships of independent and dependent variables was Chi-square at the given statistical confidence level of 0.05.

Results of the study indicated that average residential building projects area was 5.13 rai. The average number of room was 464 rooms and average height of the building was 14 floors. The number of building was mostly one building and the open space ratio mostly ranged from 30 to 40%. Average lodger was about was 77%. The average operation time was 2.5 years. The average central management fee was 28 baht per m<sup>2</sup>. The projects had green area policy about 51% and 86% of the projects were evaluated by the government. The most project managers had good knowledge about the definition of green area. Regarding to green area management, the ratios of green area to lodger 1-2, less than 1, and more than 2 m<sup>2</sup> per person were 48.0, 33.3 and 18.6 percent, respectively. The average ratio of green area to lodger was 1.5 m<sup>2</sup> per person. The factors relating to green area management of managers of residential building project in Bangkok were area, number of room, open space ratio, percentage of lodgers and green area policy.

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Thesis Advisor's signature