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KEY WORD: INDICATORS / URBAN GROWTH

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THE CONTEXT OF INDUSTRIAL AND TOURIST DEVELOPMENT : A CASE STUDY
OF CHANGWAT CHON BURI AND RAYONG. THESIS ADVISOR:
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The main objective of this research is to study the indicators for urban growth in the context of industrial and tourist development by using study changwat Chon buri and Rayong as a case study. Statistic as a major mean to analyse and select the important data to use in planning process.

In this study, I uses a multiple regression analysis to select the variables which are significant in indicating for six amphoes of changwat Chon buri and Rayong which are the area of Industrial and Tourist development. There are Amphoe maung Chon buri, Amphoe Si Racha, Amphoe Bang Lamung, Amphoe Sattahip, Amphoe Ban Chang and Amphoe maung Rayong. Twenty Urban areas select are Maung Chon buri Municipal, Tambon Sand Suk Municipal, Tambon Si Racha Municipal, Tambon Leam Chabung Municipal, Pattaya city, Tambon Mab Taput Municipal, Maung Rayong Municipal, Bang Sai Sanitation, Ban Suan Sanitation, Ang Sila Sanitation, Bang Phra Sanitation, Auo-Udom Sanitation, Bang Lamung Sanitation, Huay Yai Sanitation, Bang Sarea Sanitation, Sattahip Sanitation, Ban Chang Sanitation, Samnakton Sanitation, Ban Pae Sanitation and Klaeng-kached Sanitation.

As a result, I found that the significant variables can indicate the urban growth, are 1) density of housing (for physical indicator), 2) market, percentage of industrial labour to urban population and shop (for economic indicators), 3) expenditure of urban and density of population (for social and population indicators). In addition, the industrial and tourist development cause urban growth not only for the specific areas but also for the neighboring.

Moreover, it should be noted that using statistic process in selecting the indicators for urban growth may not be correspondent with the significant indicators stated in urban theories referred because the statistical method is only the tool for strengthen the reasons for selecting some significant data.

These selected-variables in the study can be used not only as be indicators for urban growth and urbanization but for ranking the hierarchy of urban communities and urban growth and for finding the development potential of any areas and forecasting for planning process.