

**CO-MANAGEMENT CONCEPT AND ITS PRACTICAL  
VARIATION IN PROTECTED AREA: A CASE  
STUDY OF OB LUANG NATIONAL PARK,  
CHIANG MAI PROVINCE**

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**DOCTOR OF PHILOSOPHY  
IN SUSTAINABLE LAND USE AND NATURAL  
RESOURCE MANAGEMENT**

**GRADUATE SCHOOL  
CHIANG MAI UNIVERSITY**

**AUGUST 2014**

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The seal of Chiang Mai University is a circular emblem. It features a central figure of an elephant standing and facing left, with a multi-tiered umbrella (parasol) above its head. The Thai text "มหาวิทยาลัย เชียงใหม่" (Mahavithayalai Chiang Mai) is written in a circular path around the top of the seal, and "CHIANG MAI UNIVERSITY 1964" is written around the bottom. There are decorative floral motifs on the sides.

**NITTAYA WONGWEERAPANT**

**A THESIS SUMMITTED TO CHIANG MAI UNIVERSITY IN PARTIAL  
FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF  
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THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF  
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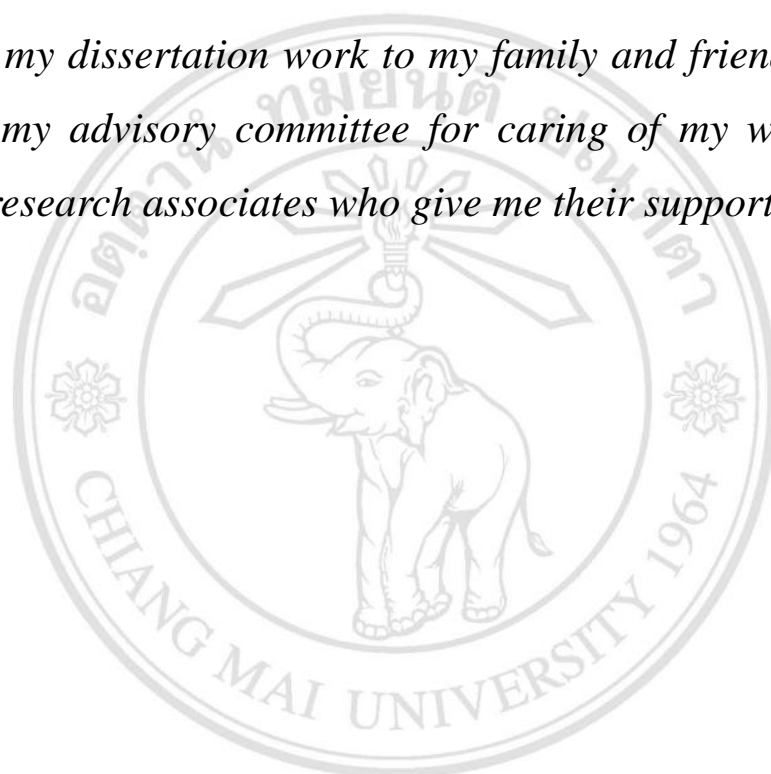
  
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23 August 2014

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*Dedicate to*

*I dedicate my dissertation work to my family and friends, special thanks to my advisory committee for caring of my work, many thanks to research associates who give me their supports.*



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