

## ACKNOWLEDGEMENTS

The success of this thesis can be attributed to the extensive assistance and support from my major advisor, Asst. Prof. Dr. Pijak Hinjiranan and Assoc. Prof. Dr. Sura Pattanakit my co-advisor, and the external examiner, Prof. Chaowalit Silapathong, who provided constructive and valuable suggestion and advice on this work.

Especially, I would like to appreciate the Office of National Research Council of Thailand for research fund. I also would like to thank my AT22, as well as other friends for their valuable friendly, old friend for helpful, grateful friendship. Happiness and all enjoyable things that occur throughout my study were remembered in my memory forever.

I would like to thank my friends and senior friends from the Faculty of Environment and Resource Studies and also those whose name is not mentioned here.

Moreover, I gratefully thank to all the lectures and staffs of Faculty of Environment and Resource Studies, Mahidol University, especially education affair staffs and librarians for their cordial service.

Finally, I am greatly indebted to my family and my parents, who consistently looked after other family abundant and provided whatever they could and had during the process of conducting my research. Thank you very much.

Eksura Nantanaworakul