

**MULTICRITERIA ANALYSIS FOR LAND SUITABILITY ASSESSMENT IN
THUA THIEN HUE PROVINCE, VIETNAM**

NGUYEN TIEN LONG

**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN
PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF
MASTER OF SCIENCE
(AGRICULTURE)
IN AGRICULTURAL SYSTEMS**

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright© by Chiang Mai University
All rights reserved

**THE GRADUATE SCHOOL
CHIANG MAI UNIVERSITY**

MAY 2007

MULTICRITERIA ANALYSIS FOR LAND SUITABILITY ASSESSMENT IN
THUA THIEN HUE PROVINCE, VIETNAM

NGUYEN TIEN LONG

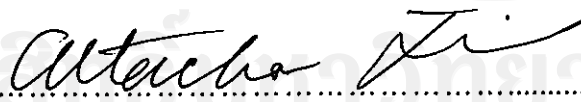
THIS THESIS HAS BEEN APPROVED
TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF MASTER OF SCIENCE (AGRICULTURE)
IN AGRICULTURAL SYSTEMS

EXAMINING COMMITTEE



.....
Asst. Prof. Dr. Chanchai Sangchyoswat

CHAIRPERSON



.....
Assoc. Prof. Dr. Attachai Jintrawet

MEMBER



.....
Dr. Methi Ekasingh

MEMBER

4 May 2007

ACKNOWLEDGEMENTS

I would like to pledge my sincere gratitude to the Thailand International Development Cooperation Agency (TICA) for the financial support, the Hue University of Agriculture and Forestry for providing me the opportunity to pursue for this Master of Science degree, and all the institutions and individuals involved for enabling the study happen.

It is a privilege for me to have Asst. Prof. Dr. Chanchai Sangchyoswat and Dr. Methi Ekasingh as my thesis and my academic advisor, and I am highly indebted to them for their enthusiastic, invaluable and professional guidance and encouragement for this study, even at odd hours. I am grateful to Assoc. Prof. Dr. Attachai Jintrawat, the member of my thesis advisory committee for his invaluable guidance and support throughout this study.

It is my great pleasure to thank to all lecturers and staff of the Multiple Cropping Center, Faculty of Agriculture, Chiang Mai University whose co-operation, shared knowledge and experiences to complete my study successfully, especial Ajarn Phrek Gypmantasiri, the former chairman; Assoc. Prof. Dr. Benchaphun Ekasingh, the new chairperson of the Agriculture Systems program for all the support, care and guidance. I am also thankful to Ms. Woraluck Suteerawantana (Khun Om) and Ms. Chatnapa Prommanon (Khun O) for their kind helpfulness to all the students in every aspect on the administrative matter. In particular, I would like to thank Ajarn Chalernpol, Ajarn Vorravee (Khun Tong), Ms. Praphatsorn (Khun Oa) for their kindly help in solving problem with ArcMap software, and building models.

I would like to thank my wife La Thi Thu Hang, researcher in Faculty of Agronomy, Hue University of Agriculture and Forestry for workshops conducted as agricultural extension, and all the farmers for their participation in AHP workshop.

Thanks are also due to all Vietnamese oversea in Chiang Mai city, Vietnamese student study in CMU, AGS friends - seniors, classmates and juniors for their kindheartedly help, encouragement friendliness and cooperation.

I owe my deepest thank to my parents, all brothers and sisters, all in-laws, relatives and friends in Vietnam for their support and encouragement. I am blessing with love, sympathy, and encouragement of my mother, my wife, and my daughter whose are my great source of inspiration and dedication.

I wish to thank everyone whose names could not be mentioned individually.

Nguyen Tien Long

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright© by Chiang Mai University
All rights reserved