# ANALYSIS OF GREEN CLUSTER SUPPLY CHAIN OF ARABICA COFFEE FOR ENHANCING COMPETITIVENESS OF HIGHLAND FARMERS IN CHIANG MAI PROVINCE



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GRADUATE SCHOOL
CHANG MAI UNIVERSITY
SEPTEMBER 2016

# ANALYSIS OF GREEN CLUSTER SUPPLY CHAIN OF ARABICA COFFEE FOR ENHANCING COMPETITIVENESS OF HIGHLAND FARMERS IN CHIANG MAI PROVINCE

**CHANITA PANMANEE** 

A THESIS SUBMITTED TO CHIANG MAI UNIVERSITY IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY IN AGRICULTURAL SYSTEMS

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### THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF

## DOCTOR OF PHILOSOPHY IN AGRICULTURAL SYSTEMS

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