

**DISTRIBUTION AND ERADICATION OF *Microcystis aeruginosa* Kützing  
AND MICROCYSTINS IN PRAWN AND FISH FARMS IN CHIANG RAI  
AND CHIANG MAI PROVINCES, THAILAND**

**KHOMSAN RUANGRIT**

**DOCTOR OF PHILOSOPHY  
IN ENVIRONMENTAL SCIENCE**

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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**THE GRADUATE SCHOOL  
CHIANG MAI UNIVERSITY**

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**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN  
PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF  
DOCTOR OF PHILOSOPHY  
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