

**EFFICIENCY OF CADMIUM REMOVAL BY
IMMOBILIZED CADMIUM RESISTANT
BACTERIA ISOLATED FROM CADMIUM
CONTAMINATED SOIL, MAE SOT
DISTRICT, TAK PROVINCE**

The seal of Chiang Mai University is a circular emblem. It features an elephant in the center, facing left, with a five-pointed star above its head. The Thai text "มหาวิทยาลัยเชียงใหม่" (Mahavithayalai Chiang Mai) is written in a circle around the elephant. Below the elephant, the English text "CHIANG MAI UNIVERSITY 1964" is visible. The seal is rendered in a light gray, semi-transparent style.

PANIDA RAHONG

**MASTER OF SCIENCE
IN ENVIRONMENTAL SCIENCE**

**GRADUATE SCHOOL
CHIANG MAI UNIVERSITY**

JULY 2016

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IMMOBILIZED CADMIUM RESISTANT
BACTERIA ISOLATED FROM CADMIUM
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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. Above the elephant is a five-pointed star with a flame-like center. The Thai text "มหาวิทยาลัยเชียงใหม่" (Mahavithayalai Chiang Mai) is written in a circular path around the top. The English text "CHIANG MAI UNIVERSITY 1964" is written around the bottom. There are decorative floral motifs on the sides.

PANIDA RAHONG

**A THESIS SUBMITTED TO CHIANG MAI UNIVERSITY IN PARTIAL
FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF
MASTER OF SCIENCE
IN ENVIRONMENTAL SCIENCE**

ลิขสิทธิ์เป็นของมหาวิทยาลัยเชียงใหม่
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**GRADUATE SCHOOL, CHIANG MAI UNIVERSITY
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PANIDA RAHONG

THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF
THE REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE
IN ENVIRONMENTAL SCIENCE

Examination Committee:

Tinnapan Netpae Chairman
(Asst. Prof. Dr. Tinnapan Netpae)

C. Phalaraksh Member
(Asst. Prof. Dr. Chitchol Phalaraksh)

C. Khanongnuch Member
(Asst. Prof. Dr. Chartchai Khanongnuch)

Advisory Committee:

C. Phalaraksh Advisor
(Asst. Prof. Dr. Chitchol Phalaraksh)

C. Khanongnuch Co-advisor
(Asst. Prof. Dr. Chartchai Khanongnuch)

14 July 2016

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Panida Rahong