

**CHARACTERIZATION OF PM10-BOUND POLYCYCLIC AROMATIC
HYDROCARBONS FROM BIOMASS BURNING AND
APPLICATION FOR SOURCE APPORTIONMENT
IN CHIANG MAI PROVINCE**

WAN WIRIYA

**DOCTOR OF PHILOSOPHY
IN ENVIRONMENTAL SCIENCE**

**THE GRADUATE SCHOOL
CHIANG MAI UNIVERSITY**

SEPTEMBER 2012

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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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THIS THESIS HAS BEEN APPROVED
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