

# Environmental Cooperation in Southeast Asia

ASEAN's regime for  
transboundary haze pollution

Paruedee Nguitragool



Routledge Contemporary Southeast Asia Series



# Environmental Cooperation in Southeast Asia

One of the most challenging environmental threats to the ten countries of the Association of Southeast Asian Nations (ASEAN) has been the haze, the sickening and deadly cloud of smoky pollution caused by widespread burning of land and forests in Indonesia. This book examines both the threat and response to it by analysing environmental cooperation in Southeast Asia from an international regime perspective.

Tracing the development of regional cooperation on the haze and evaluating the effectiveness of this cooperation, the author argues that the haze crisis, combined with the economic crisis of 1997, has profoundly challenged the ASEAN modus operandi, and resulted in ASEAN's efforts to establish a new environmental regime to cope with environmental challenges. The emerging ASEAN haze regime is a unique case study of a regional environmental institution in multi-levelled global environmental governance.

Based on in-depth original research, this case study is integrated into international relations, political science and comparative political analysis literatures and contributes to a better understanding of processes within the regional organisation.

**Paruedee Nguitragool** is a Research Associate in the Political Science Department at Albert-Ludwig University Freiburg, Germany.



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LONDON AND NEW YORK



First published 2011

by Routledge

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2 Park Square, Milton Park, Abingdon, Oxon, OX14 4RN

Simultaneously published in the USA and Canada

by Routledge

270 Madison Ave, New York, NY 10016

*Routledge is an imprint of the Taylor & Francis Group, an informa business*

This edition published in the Taylor & Francis e-Library, 2010.

To purchase your own copy of this or any of Taylor & Francis or Routledge's collection of thousands of eBooks please go to

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*British Library Cataloguing in Publication Data*

A catalogue record for this book is available from the British Library

*Library of Congress Cataloging in Publication Data*

Nguitragool, Paruedee.

Environmental cooperation in Southeast Asia : ASEAN's regime for transboundary haze pollution / Paruedee Nguitragool.

p. cm. – (Routledge contemporary Southeast Asia series)

Includes bibliographical references and index.

1. Human ecology–Southeast Asia. 2. Nature–Effect of human beings on–Southeast Asia. 3. Human beings–Effect of environment on–Southeast Asia. 4. Southeast Asia–Environmental conditions.
5. Pollution–Southeast Asia. I. Title.

GF668.N48 2010

363.7'05610959–dc22 2010007486

ISBN 0-203-84488-2 Master e-book ISBN

ISBN 978-0-415-58214-8 (hbk)

ISBN 978-0-203-84488-5 (ebk)







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# Acknowledgements

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This book is a product of almost decade-long research and studies. It began as a graduate research project and grew throughout the years to become a doctoral dissertation and eventually a book. Without supports from many individuals and organizations, this book would not have been possible. My deepest gratitude goes to my former supervisor Prof. Jürgen Rüländ for his constructive advice and continuous support during both my studies and revision of this book, Prof. Hermann Schweng and Prof. Johann Goldammer for their help and criticisms, Karen Yeo and Robert Horn for their comments and patience with my writing, Gabriela Manea for many inspiring ideas and the Nguitragool-Schulze family for their tireless support and encouragement. I am also grateful to the Foundation of the German Business (*Stiftung der deutschen Wirtschaft*), Centre for Strategic and International Studies (CSIS), the Institute of Southeast Asian Studies (ISEAS), ASEAN Secretariat and many others who could not be named in this book.



# List of abbreviations

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ACC	ASEAN Coordinating Centre for Transboundary Haze Pollution
ACNNR	Agreement on Conservation of Nature and Natural Resources
ADB	Asian Development Bank
AEGE	ASEAN Expert Group on the Environment
AFTA	ASEAN Free Trade Area
AIFM	ASEAN Institute of Forest Management
AMC	ASEAN Member Country
AMME	ASEAN Ministerial Meeting on the Environment
APCEL	Asia-Pacific Centre for Environmental Law
API	Air Pollution Index
APKINDO	Asosiasi Panel Kayu Indonesia (Indonesian Plywood Association)
APMI	ASEAN Peatland Management Initiative
APMS	ASEAN Peatland Management Strategy
APP	Asia Pulp and Paper
APRIL	Asia-Pacific Resource International Holdings Ltd
ARF	ASEAN Regional Forum
ASC	Asian Standing Committee
ASCC	ASEAN Socio-Cultural Community
ASEAN	Association of Southeast Asian Nations
ASEAN-EC	Association of Southeast Asian Nations and European Community
ASEAN-ISIS	ASEAN Institute of Strategic and International Studies
ASEAN-WEN	ASEAN Wildlife Enforcement Network
ASEP	ASEAN Sub-Regional Environmental Program
ASMC	ASEAN Specialized Meteorological Centre
ASOEN	ASEAN Senior Officials on the Environment
BAIS	Badan Inteligen Strategis (Armed Forces Strategic Intelligence Agency)
BAL	Basic Agrarian Law
BAPEDAL	Badan Pengendalian Dampak Lingkungan (Agency for Environmental Impact Management)
BAPEDALDA	Badan Pengendalian Dampak Lingkungan Daerah (Provincial Agency for Environmental Impact Management)
BFL	Basic Forestry Law
BIMP-EAGA	Brunei, Indonesia, Malaysia and the Philippines – East ASEAN Growth Area
BMG	Badan Meteorological dan Geografiska (Indonesian Meteorological Service)
CBD	Convention on Biological Diversity
CBFiM	Community-based fire management
CEPT	Common Effective Preferential Tariff
CIFOR	Centre for International Forestry Research
CITES	Convention on International Trade in Endangered Species
CNN	Cable News Network
COP	Conference of Parties
CPF	Central Provident Funds
CRISP-NUS	Centre for Remote Imaging, Sensing and Processing, National University Singapore
CSCAP	Council for Security Cooperation in the Asia-Pacific
CSIS	Centre for Strategic and International Studies (Jakarta)
CSR	Corporate Social Responsibility
DHA	United Nations Department of Humanitarian Affairs

DPR	Dewan Perwakilan Rakyat (The People's Representative Council or the lower house of legislature of Indonesia)
EC	<del>European Community</del>
EEPSEA	Environment and Economy Programme for Southeast Asia
ENSO	El Niño Southern Oscillation
EP	European Parliament
ESCAP	Economic and Social Commission for Asia and the Pacific
EU	European Union
FAO	Food and Agriculture Organization of the United Nations
FFM	Forest Fire Management
FFPCP	European Forest-Fire Prevention and Control Project
FIELD-UK	Foundation for International Environmental Law and Development
FLEG	Forest Law Enforcement and Governance
FoE	Friends of the Earth
FSMP	Fire Suppression Mobilization Plan
GAP	Global Action on Peatland
GATT	General Agreement on Tariffs and Trade
GDP	Gross Domestic Product
GEC	Global Environment Centre
GEF	Global Environmental Facilities
GERHAN	Gerakan Nasional Rehabilitasi Hutan dan Lahan (National Movement on Forest and Land Rehabilitation)
GPI	Global Peatland Initiative
GTZ	Deutsche Gesellschaft für Technische Zusammenarbeit GmbH (German Technical Cooperation)
GWFN	Global Wildland Fire Network
HPH	Hak Penguasaan Hutan (Forest Concession)
HTI	Hutan Tanaman Industri (Industrial Plantation)
HTTF	Haze Technical Task Force
IAMME	Informal ASEAN Ministerial Meeting on the Environment
IAP	Immediate Action Plan
ICEL	Indonesian Centre for Environmental Law
ICRAF	International Centre for Research in Agroforestry
IFAD	International Fund for Agriculture
IFFM	Integrated Forest Fires Management
ILA	International Law Association
IMS-GT	Indonesia Malaysia Singapore Growth Triangle
IMT-GT	Indonesia Malaysia Thailand Growth Triangle
INC	Intergovernmental Negotiating Committee
IPS	Institute of Policy Studies
IPTN	Industri Pesawat Terbang Nusantara (Nusantara Aircraft Industry)
ISDR	International Strategy for Disaster Reduction
ISEAS	Institute of Southeast Asian Studies
ITTO	International Tropical Timber Organization
IUCN	International Union for Conservation of Nature
IUPHHK-HT	Izin Usaha Pemanfaatan Hasil Hatan Kayu Pada Hutan Tanaman (Timber Plantation Concession License)
JICA	Japan International Cooperation Agency
LGLE	Legal Group on Law and Enforcement
MCDCED	Ministerial Conference of Developing Countries on Environment and Development
MoA	Ministry of Agriculture

MoE	Ministry of Environment
MoF	Ministry of Forestry
MOU	Memorandum of Understanding
MP	Member of Parliament
MSC	Ministerial Steering Committee
MTCC	Malaysian Timber Certification Council
NAP	National Action Plan
NFATT	Netherlands Framework Agreement on Tropical Timber
NFP	National Focal Point
NGO	Non-Governmental Organization
NHAP	National Haze Action Plan
NMC	National Monitoring Centre
ORHAP	Operationalized Regional Haze Action Plan
PAN	Partai Amanat Nasional (National Mandate Party)
PoA	Plan of Action
PSD	Pacific Settlement of Disputes
PSF	Peat Swamp Forest
PSI	Pollution Standard Index
RAPP	Riau Andalan Pulp and Paper
ReFOP	ASEAN–German Regional Forest Programme for Southeast Asia
RETA	Regional Technical Assistance
RHAP	Regional Haze Action Plan
ROA	Requesting and Offering Assistance
RSPO	Roundtable of Sustainable Palm Oil
SARS	Severe Acute Respiratory Syndrome
SEATO	Southeast Asia Treaty Organization
SEC	Singapore Environment Council
SEZ	Special Economic Zones
SFM	Sustainable Forest Management
SFMP	Fire Suppression Mobilization Plan
SIIA	Singapore Institute of International Affairs
SIJORI-GT	Singapore Johor Riau Growth Trinagle
SKEPHI	Sekretariat Kerjasama Pelestarian Hutan Indonesia (The Secretariat for Forest Conservation in Indonesia)
SoER	ASEAN State of Environment Report
SOP	Standard Operating Procedures
SPAE	Strategic Plan of Action on Environment
SRFA	Sub-Regional Fire Arrangement
SRFA-GMS	Sub-Regional Fire Arrangement for the Greater Mekong Sub-Region
TAC	Treaty of Amity and Cooperation
TNI	Tentera Nasional Indonesia (Indonesian National Forces)
TOR	Terms of Reference
TWG	Technical Working Group
UNCFCCC	United Nations Framework Convention on Climate Change
UNDP	United Nations Development Programme
UNEP	United Nations Environment Programme
VAP	Vientiane Action Programme
VEPA	Viet Nam Environmental Protection Agency
WALHI	Wahana Lingkungan Hidup Indonesia (Friends of the Earth Indonesia)

WHO	World Health Organization
WWE	<del>Worldwide Fund for Nature</del>
ZOPFAN	Declaration on a Zone of Peace, Freedom and Neutrality

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