

This journal issue has been printed on FSC-certified paper and cover board. FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see [www.fsc.org](http://www.fsc.org) for information.

#### Copying

This journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA. Organizations in the USA that are also registered with the C.C.C. may therefore copy material (beyond the limits permitted by sections 107 and 108 of U.S. Copyright law) subject to payment to the C.C.C. of the per copy fee of \$12.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0022-4634/06.

ISI Tear Sheet Service, 3501 Market Street, Philadelphia, PA 19104, USA, is authorized to supply single copies of separate articles for private use only. Organizations authorized by the Copyright Licensing Agency may also copy material subject to the usual conditions. For all other use, permission should be sought from Cambridge or from the American Branch of Cambridge University Press.

Articles appearing in the Journal of Southeast Asian Studies are abstracted or indexed in *America: History and Life*; *Biography Index*; *Humanities Index*; *Historical Abstracts*, *Part A: Modern History Abstracts*; *Historical Abstracts, Part B: Twentieth Century Abstracts*; *Recently Published Articles* (American Historical Association); *ABC POL SCI*; *Petroleum Abstracts*; *Geographical Abstracts*; *Human Geography*; *International Development Abstracts*; *International Political Science Abstracts*; *Index of Islamic Literature*.

Cover image: *Journal of Southeast Asian Studies* (2020 – Volume 51, Issue 4)

Men making belachan, Bengkalis (Sumatra), n.d. Collection Nationaal Museum van Wereldculturen. Coll.no. TM-10002866.

Printed and bound in Great Britain by Bell & Bain Ltd, Glasgow.

Volume 51 | Number 4 | December 2020

## Journal of SOUTHEAST ASIAN STUDIES

### Contents

509 *Editor's Note*

#### *Editorial Foreword*

510 *Introduction: The greening of Southeast Asian history*  
David Biggs

#### *Articles*

518 *Naming the Red River — becoming a Vietnamese river*  
Hieu Phung

538 *Shallow roots: The early oil palm industry in Southeast Asia, 1848–1940*  
Jonathan Robins

561 *Nature, colonial science and nation-building in twentieth-century Philippines*  
Ruel V. Pagunsan

579 *The edible tide: How estuaries and migrants transformed the Straits of Melaka, 1870–1940*  
Anthony D. Medrano

597 *Acceleration in a time of war: Technology, nation, and ecology in the South China Sea, 1956–66*  
Gerard Sasges

616 *Contractual and stewardship timescapes: The cultural logics of US–Philippines environmental conflict and negotiations*  
Victoria Reyes

630 *Book Reviews*

651 *Index to Volume 51*



Published for the National University of Singapore

#### Cambridge Journals Online

For further information about this journal  
please go to the journal web site at:  
[journals.cambridge.org/sea](http://journals.cambridge.org/sea)



**CAMBRIDGE**  
UNIVERSITY PRESS