Reproduced from *The Indonesian Economy: Entering a New Era*, edited by Aris Ananta, Muljana Soekarni and Sjamsul Arifin (Singapore: Institute of Southeast Asian Studies, 2011). This version was obtained electronically direct from the publisher on condition that copyright is not infringed. No part of this publication may be reproduced without the prior permission of the Institute of Southeast Asian Studies. Individual articles are available at http://bookshop.iseas.edu.sg>

INDONESIAN ECONOMY



Bank Indonesia is the Central Bank of the Republic of Indonesia. Bank Indonesia has a single objective, namely to achieve and maintain the stability of rupiah value.

The **Institute of Southeast Asian Studies (ISEAS)** was established as an autonomous organization in 1968. It is a regional research centre dedicated to the study of socio-political, security and economic trends and developments in Southeast Asia and its wider geostrategic and economic environment. The Institute's research programmes are the Regional Economic Studies (RES, including ASEAN and APEC), Regional Strategic and Political Studies (RSPS), and Regional Social and Cultural Studies (RSCS).

ISEAS Publishing, an established academic press, has issued more than 2,000 books and journals. It is the largest scholarly publisher of research about Southeast Asia from within the region. ISEAS Publishing works with many other academic and trade publishers and distributors to disseminate important research and analyses from and about Southeast Asia to the rest of the world.

THE INDONESIAN ECONOMY

ENTERING A NEW ERA

EDITED BY

ARIS ANANTA • MULJANA SOEKARNI • SJAMSUL ARIFIN





INSTITUTE OF SOUTHEAST ASIAN STUDIES

Singapore

First published in Singapore in 2011 by ISEAS Publishing Institute of Southeast Asian Studies 30 Heng Mui Keng Terrace Pasir Panjang Singapore 119614

E-mail: publish@iseas.edu.sg *Website*: Website: Website: Nttp://bookshop.iseas.edu.sg

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission of the Institute of Southeast Asian Studies.

© 2011 Institute of Southeast Asian Studies, Singapore

The responsibility for facts and opinions in this publication rests exclusively with the authors and their interpretations do not necessarily reflect the views or the policy of the publisher or its supporters.

ISEAS Library Cataloguing-in-Publication Data

The Indonesian economy: entering a new era / edited by Aris Ananta, Muljana Soekarni, Siamsul Arifin.

- 1. Indonesia—Economic conditions—1997–
- 2. Indonesia—Economic policy.
- I. Ananta, Aris, 1954-
- II. Soekarni, Muljana.
- III. Arifin, Sjamsul.

HC447 144

ISBN: 978-981-4311-65-6 (soft cover) ISBN: 978-981-4311-66-3 (E-book PDF)

Cover photo: The two statues are the so-called "Tugu Selamat Datang" (Welcome Statues) erected in 1962, to welcome visitors to Jakarta. The seven-metre high statue, sketched by Henk Ngantung and constructed by Edhi Sunarso, depict a young man and woman greeting visitors with flowers.

Photo credit: Courtesy of Muljana Soekarni and Abdul Hamid.

2011

Typeset by International Typesetters Pte Ltd Printed in Singapore by Markono Print Media Pte Ltd

Contents

List of Mess Mess Forest Prefa	** * * * * * * * * * * * * * * * * * * *	vii x xiii xv xvii xxiii
PAR	T I INTRODUCTION	
1.	Economic Challenges in a New Era Aris Ananta, Muljana Soekarni, and Sjamsul Arifin	3
2.	Government Economic Policies since the Beginning of the New Order Era Muljana Soekarni and Ferry Syarifuddin	28
PAR	T II MONETARY AND FISCAL POLICIES	
3.	The Dynamics of Monetary Policy Ascarya	63
4.	The Financial System: Balancing Financial Stability and Economic Growth Suhaedi and Pungky P. Wibowo	107
5.	Economic Crisis and Fiscal Policy Management Silvia Mila Arlini and Yohanes Eko Riyanto	132

vi	Contents

6.	Understanding the Role of Fiscal Stimulus in Maintaining Economic Resilience Haris Munandar and Iskandar Simorangkir					
PAR	T III DOMESTIC ECONOMY					
7.	Regional Heterogeneity of the Large Market and Production Base Evi Nurvidya Arifin	193				
8.	Industrial Relations in the Democratizing Era Indrasari Tjandraningsih	244				
9.	Decentralization and Domestic Trade Interdependence Siti Astiyah, Salomo P. Matondang, and Guruh Suryani Rokhimah					
PAR	T IV SEARCH FOR NEW PARADIGMS					
10.	Embracing ASEAN Economic Integration 2015: A Quest for an ASEAN Business Cycle from Indonesia's Point of View Yati Kurniati and Aida S. Budiman	313				
11.	Governance and Economic Performance Muljana Soekarni and Sjamsul Arifin	345				
12.	A Search for a World Development Paradigm: With Specific Recommendations for Indonesia <i>Aris Ananta</i>	375				
Inde.	x	407				

List of Tables

2.1	GDP Growth and Inflation Rate	33		
2.2	Indonesian Macroeconomic Conditions: 1997 Asian Crisis and 2008 Global Crisis			
3.1	Asian Financial Crises	66		
3.2	Rehabilitation and Stabilization Programmes	70		
3.3	Monetary Policies from 1968–73	72		
3.4	Monetary Policies from 1974–78	74		
3.5	Monetary Policies from 1979–83	76		
3.6	Monetary Policies from 1983–88	78		
3.7	Monetary Policies from 1988–97	80		
3.8	Monetary Policies in Financial Crisis Period of 1997-99	84		
3.9	Monetary Policies in Economic Recovery Period of 2000-04	86		
3.10	Monetary Policies since ITF and before Global Financial	90		
	Crisis, 2005–07			
3.11	Monetary Policies during Global Financial Crisis, 2007-09	95		
3.12	Current Dual Monetary Policies and Instruments	98		
3.13	Alternative Solutions to Various Economic Paradigms	102		
5.1	Government Budget from 1970/71 to 1999/2000 (in IDR trillion)	135		
5.2	Government Financing from 2000–08 (in IDR billion)	138		
5.3	Realization of Government Revenue and Expenditure from 2001–07 (in IDR trillion)	139		
5.4	Government Budget and Realization from 2007–09 (in IDR trillion)	141		

viii List of Tables

5.5	Amount of Government Bonds According to Ownership from 2007–09 (in IDR billion)				
5.6	GDP Growth and Fiscal Stimulus Package as a Percentage of GDP	150			
5.7	Fiscal Stimulus, 2009	151			
6.1	Policy Responses in a Number of Countries	163			
6.2	Fiscal Interventions in Selected Asian Countries	165			
6.3	Fiscal Stimulus Package Announced as a Proportion of GDP in the Region, January 2009				
6.4	Selected Macroeconomic Indicators	171			
6.5	Composition of 2009 Planned Fiscal Stimulus	173			
6.6	Plan and Realization of Fiscal Stimulus	174			
6.7	Fiscal Stimulus and Macro Variables (change in percentage points)	175			
6.8	Fiscal Stimulus and Government Fiscal Balance (change in percentage points)	176			
6.9	Fiscal Stimulus and Industrial Sectors (change in percentage points)	181			
6.10	Fiscal Stimulus and Income Distribution (change in percentage points)	182			
7.1	Number of Districts: Indonesia, 1996–2007	200			
7.2	Indonesia's Population, Pre- and Post-Decentralizaton, 2000 and 2005	204			
7.3	Trend in Total Fertility Rates by Province: Indonesia, 1966–2007	208			
7.4	Percentage of Never Married, Ranked by Province (Age Group 35–39): Indonesia, 2005	210			
7.5	Recent Interprovincial Net Migrants: Indonesia, 1975–2005 (in thousands)	212			
7.6	Sex Ratio by Province: Indonesia, 1971–2005	217			
7.7	Number of Young and Old People in the Population in Comparison with Working Age People by Province: Indonesia, 2005	221			
7.8	The Javanese and their Concentration in Each Province: Indonesia, 2000	224			
7.9	Estimated Population Size by Province: Indonesia, 2005-15	235			

List of Tables ix

9.1	Differences between Act No. 22/1999 and Act No. 32/2004	270
9.2	National Budget, 2000-08 (in rupiah billion)	275
9.3	Share of Gross Regional Product by Region (constant price), 2000–07	278
9.4	Share of GDRP by Economic Sectors, 2002 and 2007	280
9.5	Classification of Regions based on Income Per Capita and	
	Economic Growth: 1993–96 and 2004–07	289
9.6	Classification of Regions based on Income Per Capita	
	and HDI: 1999 and 2005	290
9.7	Classification of Regions based on 2001–05 GDP Growth and 2005 HDI	291
9.8	Trade Relations between Provinces for 2000 based on IRIO 2000	293
9.9	Trade Relations between Provinces for 2005 based on IRIO 2005	294
9.10	Purchase of Inputs from the Three Biggest External Provinces	296
9.11	Sale of Outputs to the Three Biggest External Provinces	298
9.12	Cross-Region Correlation Coefficient Matrices	299
9.13	Cross-Region Correlation Coefficients (annual growth rate of GRDP)	302
10.1	Bela Balassa Integration Stage vs. ASEAN's Integration Plan	317
10.2	The Average Share of Indonesian Trade with Its Major	330
	Trading Partners (percentage of total Indonesian trade)	
11.1	Hypotheses	363
11.2	Variables, Constructs and Indicators	365
11.3	Goodness of Fit	366
11.4	Direct and Indirect Effects	369

List of Figures

2.1	Indonesia's Development Plan, 2004–25	53			
2.2	Indonesia's Medium-term Development Plan, 2010–14				
3.1	Growth, Inflation, and Unemployment in Indonesia	64			
3.2	Growth and Inflation in the Second Era of Bank Indonesia, 1968–83	75			
3.3	Growth, Inflation, and Unemployment after Financial Liberalization, 1983–97				
3.4	SBI Rate and Inflation during Financial Crisis	83			
3.5	SBI Rate, Inflation, and Exchange Rate since ITF, 2005-07	89			
3.6	Stock Market Indices Movement during Global Financial Crisis				
3.7	SBI Rate, Inflation, and Exchange Rate during Global Financial Crisis, 2007–09	93			
3.8	Returns on SBI and SWBI/SBIS	97			
3.9	Outstanding SBI, SBI Rate, Deposit Rate, and Inflation Rate	99			
3.10	Frequency of World Financial Crises	100			
4.1	Asset Composition in Indonesia's Financial Institutions, December 2008	108			
4.2	Number of Indonesian Banks by Groups	112			
4.3	Number of Indonesian Bank Offices by Groups	112			
4.4	Total Assets of Indonesian Banks by Groups	113			
4.5	Total Deposits of Indonesian Banks by Groups	113			
4.6	Total Loans Extended to Indonesian Banks by Groups	114			
4.7	Jakarta Stock Market Index	114			
4.8	Total Foreign Liabilities of Indonesian Banks by Groups	115			

List of Figures xi

4.9	Total Credits per Economic Sector Extended by Indonesian			
/ 10	Banks by Groups	117		
4.10	C			
/ 11	and State Enterprises, and Private Companies	117		
4.11	Comparison between Banks and Non-Bank Financial	117		
/ 10	Institutions in Extending Loans (percentage)	110		
4.12	Rupiah to USD Exchange Rates	118		
4.13	Indonesia's Consumer Price Index	119		
4.14	Total Credits and NPL of Groups of Banks	119		
4.15	Total Loans Extended by Indonesian Banks by Groups	121		
4.16	Total Liabilities to BI of Groups of Banks	124		
5.1	Economic Growth of Southeast Asian Countries — Year-on-Year (per cent)	140		
5.2	Crude Oil Price, 2008–09 (US\$/barrel)	143		
5.3	Share of Actual Government Revenue in Budget Revenue:	144		
	First Semester, 2007–09 (in IDR trillion)			
5.4	Absorption of Government Expenditure in Semester I,	146		
	2007–09 (in IDR trillion)			
5.5	Comparative Fiscal Deficits, 2008 (percentage of GDP)	153		
6.1	Changes in Policy on Interest Rates	162		
6.2	Transmission Mechanism of Tax Cuts	178		
6.3	Transmission Mechanism of Government Expenditure	180		
	Increases			
7.1	Number of Districts (Regencies and Municipalities) and	198		
	Sub-districts: Indonesia, 1998–2008			
7.2	Population of Java and Outer Islands, 1900–2010	201		
7.3	Scatter Plot of Population Size at District Level: Indonesia,	206		
	2005			
7.4	Population Composition of Specific Age Groups by Province:	220		
	Indonesia, 2005			
7.5	Religious Composition in the Provinces: Indonesia, 2000	228		
7.6	Education Level Composition of the Working Age Population	231		
	(age fifteen and above) by Province: Indonesia, 2000			
7.7	Percentage of Tertiary Graduates among Muslim and	232		
	Christian Working Aged Population by Province: Indonesia,			
	2000			

xii List of Figures

9.1	Basic Logic of Decentralization	273
9.2	Structure of the National Budget	277
9.3	Share of GDRP by Province: 2000 and 2007 (in per cent)	279
9.4	Williamson Index: Indonesia, Total, 2000-07	281
9.5	Williamson Index: Indonesia, by Region, 2000-07	282
9.6	Relationship among Human Development, Economic Growth, and Democracy	286
9.7	(a+b) Regional Typology	287
10.1	Expected Relationship across Variables in the System of Equations	326
10.2	Intra-ASEAN Trade (percentage to total exports)	327
10.3	Financial Openness of ASEAN Countries, as of 2007 (Chin-Ito normalized index)	327
10.4	Financial Flows of Indonesia (Foreign Assets + Foreign Liabilities)	328
10.5	GDP Synchronization (Ten-Year Rolling Correlation of Detrended GDP Growth)	329
10.6	Trade Linkages: Indonesia — Major Trading Partners (bilateral trade as percentage of total Indonesian trade)	330
10.7	Trade Linkages: Indonesia — ASEAN (bilateral trade as percentage of total GDP)	331
10.8	Intra-Industry Trade	332
10.9	Structural Production Differences between Indonesia and ASEAN-4	332
11.1	The Architecture's Six Pillars	353
11.2	Overall Index	357
11.3	Governance	357
11.4	Overall Index and Income	358
11.5	Governance and Income	358
11.6 11.7	Impact of Governance on Economic Performance Path Diagram and Outcome	360 367

MESSAGE from the Deputy Governor of Bank Indonesia

I am indeed delighted to provide a Message to this distinguished book, *The Indonesian Economy: Entering a New Era*.

This book, in my view, is issued at an appropriate moment against the backdrop of the global financial crisis of unprecedented scale since the Great Depression. I notice a number of significant changes in the global economy and financial environment that have significant bearing on emerging economies, including Indonesia, such as the unsynchronized global economic recovery in tandem with the closer link between macroeconomic and financial stability. Despite the recent turmoil, Indonesia, as part of the Asian region, has proved to be more resilient than earlier anticipated though not entirely unscathed from the global crisis. However, global challenges have not entirely abated. In fact, new risks have emerged as the Fed launched the quantitative easing two (QE2) which has heightened the volatility of capital flows.

My commendation on this book mainly rests on the wide range in topic, rigour in analyses, and novelty in policy recommendation, thanks to the collaborative work of authors from Bank Indonesia as well as other academicians and scholars who add exceptional value to this book. In terms of coverage of topic, while it focuses on macroeconomic and financial issues, mainly reflecting a central bank's purview, it does not lose sight of other areas shaping Indonesia's economic development. It also looks backward at the era beginning with the New Order government, as a reflection of the past successes and existing constraints, while also looking forward towards the future challenges. Other areas exhaustively addressed in this book include population dynamics, industrial relation, domestic regional trade, governance in both micro and macro levels, and the readiness of Indonesia in entering the new era of the ASEAN Economic Community 2015.

The rigour of the analyses is reflected in the various models the researchers employ to unravel empirical findings such as the computable general equilibrium (CGE) model in assessing the effectiveness of fiscal stimulus. Structural equation modeling (SEM) has also been applied to measure the impact of the quality of governance on economic growth and per capita GDP.

Given the changing global economic and financial environment as well as the structural changes in Indonesia's economy, this book attempts to seek a new development paradigm as the basis of policy recommendations to reinvigorate Indonesia's economy by laying the foundation for a more sustainable development. Seeking to explore beyond the conventional paradigm, instead of focusing on growth, it proposes three development objectives, namely: people-centered development, environmentally friendly development, and good governance. To this end, it calls for the support of a financial architecture which reduces speculative activities.

On behalf of Bank Indonesia, I wish to express my appreciation to ISEAS for giving the researchers at Bank Indonesia the opportunity to take part in the publication of this book. I am confident that readers will find this book an important reference for both policy studies and further scholarly researches.

Hopefully the valuable experience gained from such a mutually beneficial collaboration will be followed by other forthcoming topics which will be beneficial to all of us.

Dr Hartadi A. Sarwono Deputy Governor Bank Indonesia

Message from the Director of the Institute of Southeast Asian Studies

The Institute of Southeast Asian Studies (ISEAS) produces research and policy papers on social, political, and economic issues in the region. As part of its work, it interacts with scholars outside ISEAS, including those in regional institutions. This interaction widens and deepens the studies that ISEAS conducts. For a country study, it works with experts from the country concerned.

This book is the result of our collaboration with Bank Indonesia (BI), the Central Bank of Indonesia, which shared with us not only expertise but also the financing of the research.

This book is important because Indonesia is ASEAN's biggest country in terms of population and national income. It has become an attractive market and production base in ASEAN and, indeed, in the rest of the world. The 1997–98 Asian crisis and the recent 2008–09 global crisis have affected Indonesia in different ways. Indonesia today is different from Indonesia forty years ago or even ten years ago. Moreover, what Indonesia does can have significant social, political, and economic implications for the region and the rest of the world.

This book does not discuss all issues relating to the Indonesian economy but contributes to better insights into the direction in which the Indonesian economy is moving. Reflecting cross-border collaboration, it is a product of formal seminars, meetings and conferences conducted in both Singapore and Jakarta, in addition to many informal meetings held among the three editors in Singapore and Jakarta. Comments on the draft of the book came

from ISEAS, BI and other institutions. The fact that some of the authors are involved in policy-making in Indonesia gives this book added importance as a contribution to research and policy-making.

I would like to thank Aris Ananta, an economist and Indonesianist at ISEAS, who coordinated the research and is one of the editors of the book. My appreciation also goes to Bapak Muljana Soekarni, who initiated this collaboration and is also one of the co-editors. I would also like to acknowledge the contributions of Bapak Sjamsul Arifin, who joined the team of editors.

Ambassador K. Kesavapany Director Institute of Southeast Asian Studies

Foreword

Very few observers in the international community fully appreciate the fundamental transformations that have occurred in Indonesia since the late 1990s, just as there has been a tendency to prematurely write off the country's prospects in the past. At the time of independence, there were doubts that the sprawling archipelago would hold together. Yet it has, decisively, unlike some other highly diverse nation states such as the former USSR, the former Yugoslavia, and Pakistan. By the mid-1960s, the standard development economics textbook of the time, by long-time Indonesia expert Benjamin Higgins, characterized the country as a "chronic dropout". Gunnar Myrdal, in his classic *Asian Drama*, observed that, "As things look at the beginning of 1966, there seems to be little prospect of rapid economic growth in Indonesia." History was not kind to either observation, as income per capita quadrupled in the next three decades through to the late 1990s. In the early 1990s, the World Bank classified it as one of the "miracle economies".

There were similarly gloomy prognostications in 1998: *Indonesia: From showcase to basket case* was one of the more sensational titles at that time. The economy seemed to be in free fall, the formal banking system had collapsed, the demise of the Soeharto regime had left a political and institutional vacuum, ugly ethnic violence was widespread, and even the nation's territorial integrity appeared to be under threat. Thirteen years later, Indonesia has been transformed. It is now the most vibrant democracy in Southeast Asia, with two rounds of peaceful, legitimizing nationwide elections at the central and regional levels. The economy has bounced back strongly to rates of growth not far short of those of the Soeharto era. It successfully navigated the global financial crisis, with just a very small decline in growth momentum. Growth returned to above 6.0 per cent in 2010. Commencing in 2001, there has

xviii Foreword

been a bold, "big-bang" decentralization, which has transferred administrative authority and financial resources to the *kabupaten* (districts). The painful separation of East Timor proceeded smoothly, and the two countries enjoy a harmonious, productive relationship. Indonesia has also begun to look outwards again, to the great benefit of its immediate ASEAN neighbours. It is widely regarded as a leader of the moderate Moslem world, and it has also joined the pre-eminent international forum, the G20. Inventive authors are currently debating modifications to the "BRIC" acronym that accommodate Indonesia, and possibly other major developing economies in the G20 club.

The authors of this comprehensive and authoritative volume, a fruitful collaboration between researchers at Bank Indonesia and the Institute of Southeast Asian Studies, examine these and many other developments over the past decade. The timing is good. A decade after this great transformation, and well into the second SBY presidency, Indonesia's "new normal" and its development challenges are becoming a lot clearer.

Part I of the volume provides an overview of economic development during the Soeharto era, 1966–98. Part II consists of four chapters that focused on the various aspects of macroeconomic policy, consistent with the core mandate of Bank Indonesia, the country's central bank. Parts III and IV are broader in focus, raising *inter alia* whether, going forward, Indonesia needs a new development paradigm.

The authors are surely correct, harking back to the work of J.M. Keynes, that major global events of the type that occurred in 2008-09 call for a fundamental rethink of institutions and policies, especially in the current context with respect to financial market regulation and international financial architecture. More speculatively, the authors wonder whether ASEAN might adopt a common currency. I have the impression that, if such an initiative were ever adopted, it would most likely also involve the larger Northeast Asian economies. Presumably this would in turn entail anchoring the region to the monetary policy of the largest economy, namely China, as is the case with Germany in the EU. Whether the rest of East Asia is prepared to accept this reality remains to be seen. The current problems with the European Monetary Union also caution against such an approach without fully coordinated fiscal policy and deeply integrated markets. Thus a common currency seems more like a distant option than an immediate policy concern. But it is precisely the sort of issue that this forward-looking volume should examine.

Standing back from the volume, comparing the Soeharto and *Reformasi* eras, one is reminded of both the many continuities and the differences. This

Foreword

is a very wide subject, and the emphasis will vary among observers. To this author at least, the following stand out.

Among the continuities, first, there is a consensus in Indonesia on the desirability of growth. Members of parliament and the informed commentariat may disagree on a lot, but it seems clear now that administrations and political parties that do not deliver on this objective will be rejected by voters. Second, Indonesia stands out as a reasonably prudent macroeconomic manager. Since this objective is central to the mandate of Bank Indonesia, several contributors dissect this issue. A significant achievement in the wake of the Asian financial crisis has been central bank independence. Although life for successive governors has been extremely challenging, and Indonesia still struggles to contain inflation at a rate comparable to its neighbours and major trading partners, this major institutional reform, combined with the gradual adoption of inflation targetting and a floating exchange rate regime, must be counted as a major achievement.

Third, Indonesia remains a reasonably open economy. It did not close up in response to the Asian financial crisis, and in spite of the rough treatment it received from the IMF and donors. It might still be regarded as "precariously open" in some respects, given the widespread anti-globalization critiques in the domestic media. But the policy settings appear to be durable. No doubt having the best Minister for Trade in the Asia-Pacific region helps. As does the oft-heard quip that "with 17,000 islands, Indonesia was made by God for free trade"! A final continuity is that, as in many countries, and for similar reasons, Indonesia still struggles to achieve microeconomic reform. For the reformers, it ranks uncomfortably low on various international ranking exercises, such as Doing Business, Transparency International, Economic Freedom, and the Global Competitiveness Report. On reforms of regulations, the civil service, state enterprises, the judiciary, and corruption, the policy agenda remains a daunting one.

The differences between the two periods are also striking. Here, too, at least four stand out to this author. First, as described in detail in this volume, economic policy-making processes have been completely transformed. The days of Hadi Soesastro's "low politics", of the technocrats going directly to the president to persuade him of the case for reform, have gone forever. This is the notion, developed in Hadi Soesastro's classic 1989 article, "The Political Economy of Deregulation in Indonesia" in *Asian Review*, that Indonesia's successful 1980s reforms were based on a strategy adroitly developed and implemented by the technocrats that deliberately eschewed grand ideological debates in public, which in all likelihood they would have lost. Rather, they formulated a series of trade and investment reform packages, and sold them

XX Foreword

quietly and directly to the president as a pragmatic means of promoting economic recovery and employment growth in the wake of the threatening collapse in international energy prices in the early and mid-1980s.

The government now has to deal with many actors, some highly vocal. In the authors' understated words, parliament can be "difficult". The president of course does not directly command a majority in either house. The cabinet is a "rainbow" coalition. There is a vibrant civil society and an unshackled media. More than 500 sub-national governments, some very wealthy and independent-minded, have to be heard.

Second, although the political rules of the game are becoming clearer, the investment climate remains uncertain in some respects. The observation that "the only thing worse than organized corruption is disorganized corruption" appears to be apposite. It also explains why investment projects with long time horizons or uncertain yields are under-supplied. Real estate and shopping malls are more attractive than infrastructure and mining, even though the former is badly needed and more of the latter should be occurring in an era of unusually high commodity prices.

A third difference concerns the regulation of factor markets. Prior to the Asian financial crisis, Indonesia was a very light regulator of both its financial and labour markets. Both are now much more heavily regulated. In the case of the former, the tighter regulation is clearly desirable, even if much remains to be completed, including reform of the state-owned banks. The increased labour market regulation is more contentious. Obviously the greater protection of workers and the freedom to organize are major advances. But Indonesia's severance laws are among Asia's most restrictive, and they appear to be a central explanation for the jobless industrial growth that has been evident since 1999.

Finally, environmental issues now assume much greater significance in policy debates. This rise reflects the greater activism of NGO's, rising regional and international concerns, and the fact that the country's rapid deforestation places it among the world's major CO_2 emitters. Whether international cooperation will deliver much — poor countries like Indonesia should not be expected to shoulder the burden of providing international public goods — remains to be seen.

The authors of this volume canvass many of the most challenging contemporary development issues, and they are not afraid of advocacy in the cause of furthering the debate. Inevitably, readers will not necessarily agree with everything. For example, the authors maintain that Indonesia should be "less dependent on export promotion and financial liberalization". Should it? Clearly, small open economies like Singapore and Malaysia were badly

Foreword

affected by the contraction in global trade and investment in 2008–09, and it is therefore tempting to point to Indonesia's much smaller economic shock then as extolling the virtues of being less trade-dependent. Nevertheless, notwithstanding the very successful trade and investment reforms of the 1980s, Indonesia is arguably the least open among the six major ASEAN economies, and it has missed out on profitable opportunities for employment creation. Notable examples include the global production and buying chains, particularly centred on the electronics and automotive industries, where Indonesia is a surprisingly minor actor. In automotives, Thai industry policy has been more nimble, resulting in it becoming the major automotive producer in ASEAN, a goal to which Indonesia could have aspired, building on its large domestic market. Equally, the country's disastrous experience with premature financial liberalization of the 1980s, which was a precursor to the banking collapse in 1997-98, underscores the importance of high-quality financial regulation. Yet it is not obvious that Indonesia currently has the sort of financial sector it requires to support a modern, market economy.

As the authors emphasize, Indonesia's development strategies are continuously evolving. The Yudhoyono administrations have emphasized the importance of a "pro-growth, pro-poor, pro-employment" programme, as well as ambitious anti-corruption initiatives. There have been some notable successes in all four dimensions: growth is back, employment is growing again, poverty is declining, and there has been some progress in the fight against corruption. But it remains a "glass half-full, half-empty" story. Growth has not yet got back to Soeharto era rates, much less those of China and now India. Poverty appears to be declining more slowly, in that it has become less growth-elastic. (Perhaps because removing the last 10–15 per cent of hardcore poverty is more difficult.) Employment growth is still not fast enough to absorb both the new workforce entrants and the existing pool of unemployed. And for every "big fish" that is caught in the anti-corruption drive, others seem to slip through the net all too easily.

There is much to chew over in this stimulating volume, and I commend it to you the readers. *Selamat membaca*!

Hal Hill H.W. Arndt Professor of Southeast Asian Economies Australian National University

Preface

Indonesia and the world have changed rapidly, particularly in the first decade of the twenty-first century. The Asian financial crisis in 1997–98 has also dramatically changed the course of Indonesian development, switching Indonesia from an authoritarian era to a democratizing one. Economic issues can no longer be discussed in a social and political vacuum. This book is an attempt to see Indonesian economy in the changing era, to examine Indonesian economy beyond the conventional macroeconomic variables. It is also expected to trigger a new debate in the creation of a new development paradigm for Indonesia and the world.

This book is a result of a collaboration between the Institute of Southeast Asian Studies (ISEAS) in Singapore and the Centre for Central Banking Studies, Bank Indonesia (BI) in Indonesia. The draft has been discussed in three stages. In each stage it has its own discussants. The first draft was discussed in a closed door conference in ISEAS, Singapore, on 24 June 2009, followed by a public seminar on "Indonesia's Response to the Global Financial Crisis" with three speakers: Made Sukada (BI), Halim Alamsyah (BI), and Marleen Dieleman (National University of Singapore) on 25 June 2009. We would like to thank the following discussants in the conference: Evi Nurvidya Arifin (ISEAS), Richard Barichello (University of British Columbia), Aekapol Chongvilaivan (ISEAS), Rizal A. Djaafara (BI), Melanie S. Milo (ASEAN Secretariat, formerly with ISEAS), and Yohanes Eko Riyanto (Nanyang Technological University).

The second draft was examined in an internal meeting with the authors and staff of the Centre for Central Banking Studies (PPSK), BI, and some invited discussants in Jakarta on 3 and 4 September 2009. We owed the comments and questions on the drafts from Mas Achmad Daniri (National

xxiv Preface

Committee on Governance), Gunardi Endro (Bakrie University), Djoni Hartono (University of Indonesia), Maddaremmeng A. Panennungi (University of Indonesia), Agus Pramusinto (Gadjah Mada University), Asep Suryahadi (SMERU), and Bob Widyahartono (Trisakti University).

The third draft was presented in an open seminar by the PPSK in Jakarta on 17–18 February 2010. The discussants were Aviliani (Economic Observer), Faisal Basri (Economic Observer), Anton Gunawan (Danamon Bank), Berly Martawardaya (University of Indonesia), Friska Parulian (Economic Research Institute for ASEAN and East Asia), N. Haidy A. Pasay (University of Indonesia), Bernadette Robiani (Sriwijaya University), Sugiharso Safuan (University of Indonesia), Hermanto Siregar (Bogor Institute of Agriculture), Taufik (MarkPlus), Ninasapti Triaswati (University of Indonesia), and Kodrat Wibowo (Padjadjaran University).

Moreover, the draft was much enriched by the active participants of the closed-door conference, internal meeting, and open seminar. Likewise, we would like to thank Shima Hashemian (University of British Columbia) for her contributions to the substance and editing of the language of the draft. We also appreciate the committed support from the staff of the Publications Unit of ISEAS to make this publication possible.

Finally, without the dedicated contributions from the authors, this book would have never been published. We appreciate the support of ISEAS and Bank Indonesia for conducting this study and for their encouragement to the editors to finish the book.

Aris Ananta Muljana Soekarni Sjamsul Arifin

Contributors

Aris Ananta is Senior Research Fellow at the Institute of Southeast Asian Studies (ISEAS), Singapore.

Evi Nurvidya Arifin is Visiting Research Fellow at the Institute of Southeast Asian Studies (ISEAS), Singapore.

Sjamsul Arifin is Senior Advisor to the Board of Governors on International Relation, Bank Indonesia, Jakarta, Indonesia.

Silvia Mila Arlini is Research Scholar and Ph.D. candidate at the Department of Southeast Asian Studies, National University of Singapore.

Ascarya is Senior Researcher at Centre of Education and Central Banking Studies, Bank Indonesia, Jakarta, Indonesia.

Siti Astiyah is Chief Economist, Bureau of Monetary Operation, Directorate of Monetary Management, Bank Indonesia, Jakarta, Indonesia.

Aida S. Budiman is Deputy Director, Directorate of International Affairs, Bank Indonesia, currently an Alternate Executive Director in Southeast Asia Voting Group, International Monetary Fund, the United States.

Yati Kurniati is Senior Economist in Directorate of Economic Research and Monetary Policy, Bank Indonesia, Jakarta, Indonesia.

Salomo P. Matondang, Researcher at Centre of Education and Central Banking Studies, Bank Indonesia, Jakarta, Indonesia.

Contributors

Haris Munandar is Senior Economist and Assistant to the Governor of Bank Indonesia, Jakarta, Indonesia. He also lectures at the Graduate School of Economics, University of Indonesia, Jakarta, Indonesia.

Yohanes Eko Riyanto is Associate Professor at Division of Economics, School of Humanities and Social Sciences, Nanyang Technological University, Singapore.

Suhaedi is Senior Advisor, Directorate of Banking Research and Regulation, Bank Indonesia, Jakarta, Indonesia.

Guruh Suryani Rokhimah is Researcher at Centre of Education and Central Banking Studies, Bank Indonesia, Jakarta, Indonesia.

Iskandar Simorangkir is Head of Economic Research Bureau, Bank Indonesia, Jakarta, Indonesia.

Ferry Syarifuddin is Senior Analyst at Centre for Central Banking Education and Studies, Bank Indonesia, Jakarta, Indonesia.

Muljana Soekarni is Director of Indonesian Banking Development Institute, Jakarta, Indonesia.

Indrasari Tjandraningsih is Labour Researcher at AKATIGA-Social Analysis Centre, Bandung, Indonesia.

Pungky Purnomo Wibowo is Head of Macro-prudential Surveillance and International Banking, Financial Stability Bureau, Directorate of Banking Research and Regulation, Bank Indonesia, Jakarta, Indonesia.