

BULLETIN OF MONETARY ECONOMICS AND BANKING

Volume 20, Number 3, January 2018



BANK INDONESIA

THE EFFECT OF FINANCIAL LIBERALIZATION AND CAPITAL
FLOWS ON INCOME VOLATILITY IN ASIA-PACIFIC

Feriansyah, Noer Azam Achsani, Tony Irawan

ONLINE BANKING IMPLEMENTATION:
RISK MAPPING USING ERM APPROACH

Mochamad Aji Jaya Sakti, Ferry Syarifuddin, Noer Azam Achsani

MARKET STRUCTURE AND COMPETITION OF
ISLAMIC BANKING IN INDONESIA

Sunarmo

ANNS-BASED EARLY WARNING SYSTEM
FOR INDONESIAN ISLAMIC BANKS

Saiful Anwar, A.M. Hasan Ali

SELECTION OF EARLY WARNING INDICATOR
TO IDENTIFY DISTRESS IN THE CORPORATE SECTOR:
CRISIS PREVENTION STRENGTHENING EFFORTS

Arlyana Abubakar, Rieska Indah Astuti, Rini Oktapiani

NOWCASTING HOUSEHOLD CONSUMPTION AND
INVESTMENT IN INDONESIA

Tarsidin, Idham, Robbi Nur Rakhman

ISSN 1410 - 8046

Bulletin of Monetary Economics and Banking

Bank Indonesia

Patron

Board of Governors of Bank Indonesia

Editor-in-Chief

Dr. Perry Warjiyo

Bank Indonesia, University of Indonesia, Indonesia

Board of Editors

Prof. Dr. Anwar Nasution, *University of Indonesia, Indonesia*

Prof. Dr. Miranda S. Goeltom, *University of Indonesia, Indonesia*

Prof. Dr. Insukindro, *Gadjah Mada University, Indonesia*

Prof. Dr. Iwan Jaya Azis, *Cornell University, USA*

Prof. Takahiro Akita, *Rikkyo University, Japan*

Prof. Dr. Iftekhar Hasan, *Fordham University, USA*

Prof. Dr. Masaaki Komatsu, *Hiroshima Jogakuin University, Japan*

Dr. M. Syamsuddin, *Bandung Institute of Technology, Indonesia*

Dr. Perry Warjiyo, *Bank Indonesia, University of Indonesia, Indonesia*

Dr. Iskandar Simorangkir, *Bank Indonesia, University of Indonesia, Indonesia*

Dr. Solikin M. Juhro, *Bank Indonesia, University of Indonesia, Indonesia*

Dr. Haris Munandar, *Bank Indonesia, Indonesia*

Dr. M. Edhie Purnawan, *Gadjah Mada University, Indonesia*

Dr. Burhanuddin Abdullah, *Institut Manajemen Koperasi Indonesia, Indonesia*

Managing Editor

Dr. Ferry Syarifuddin, *Bank Indonesia, Bogor Agriculture University, Indonesia*

Dr. Andi M. Alfian Parewangi, *University of Indonesia, Indonesia*

This bulletin is published by Bank Indonesia Institute, Bank Indonesia. Contents and research outcome in the articles of this bulletin are entirely the responsibility of the authors and do not represent Bank Indonesia's views.

We invite all authors to write in this bulletin. Manuscript is delivered in soft files to Bank Indonesia Institute, Bank Indonesia, Sjafruddin Prawiranegara Tower, 21st Floor, Jl. M.H. Thamrin No. 2, Jakarta, website BMEB: (www.journalbankindonesia.org) and email : bmeb@bi.go.id.

The bulletin is published quarterly in January, April, July, and October. Any person who wish to obtain this publication shall contact the Dissemination Unit –Division of Statistic Dissemination and Internal Management, Department of Statistics, Bank Indonesia, Sjafruddin Prawiranegara Tower, 2nd Floor, Jl. M.H. Thamrin No. 2, Jakarta, Phone (62-21) 2981-4918. For subscription, please contact: Phone (62-21) 2981-7335, Fax. (62-21) 350-1912.

Bulletin of Monetary Economics and Banking

Volume 20, Number 3, January 2018

CONTENT

The Effect of Financial Liberalization and Capital Flows on Income Volatility in Asia-Pacific Feriansyah, Noer Azam Achsani, Tony Irawan _____	257
Online Banking Implementation: Risk Mapping Using ERM Approach Mochamad Aji Jaya Sakti, Ferry Syarifuddin, Noer Azam Achsani _____	279
Market Structure and Competition of Islamic Banking in Indonesia Sunarmo _____	309
Annns-Based Early Warning System for Indonesian Islamic Banks Saiful Anwar, A.M. Hasan Ali _____	327
Selection of Early Warning Indicator to Identify Distress in the Corporate Sector: Crisis Prevention Strengthening Efforts Arlyana Abubakar, Rieska Indah Astuti, Rini Oktapiani _____	345
Nowcasting Household Consumption and Investment in Indonesia Tarsidin, Idham, Robbi Nur Rakhman _____	377



BANK INDONESIA