

# Macro-financial Linkages & Lessons from the Last Few Global Episodes

Reza Y Siregar

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## Key Messages

- Understanding overall Macroeconomic objectives (Big Picture) is critical to ensure the clarity on the detailed policies.
- Comprehension of 'trade-offs' or 'linkages' between:
  - The market developments and the big/small pictures;
  - The trade-offs between the policies

## Outline

1. Basic framework of Macro-financial Linkages:
  - Broad macroeconomic targets and the Challenges

# Macrofinancial Linkages Macrofinancial Linkages

**SJ Ball**



## **Macrofinancial Linkages Macrofinancial Linkages:**

*Frontiers of Macrofinancial Linkages* Stijn Claessens, M. Ayhan Kose, 2018 The Great Financial Crisis of 2007-09 confirmed the vital importance of advancing our understanding of macrofinancial linkages: the two-way interactions between the real economy and the financial sector. The crisis was a bitter reminder of how sharp fluctuations in asset prices, credit, and capital flows can have dramatic impact on the financial positions of households, corporations, and sovereign nations. As fluctuations were amplified, the global financial system was brought to the brink of collapse, and the deepest contraction in world output in more than half a century followed. Moreover, unprecedented challenges for fiscal, monetary, and financial regulatory policies resulted. The crisis revived an old debate in the economics profession about the importance of macrofinancial linkages. Some argue that the crisis was a painful reminder of our limited knowledge of these linkages. Others claim that the profession had already made substantial progress in understanding them, but that there was too much emphasis on narrow approaches and modelling choices. Yet most also recognise that the absence of a unifying framework to study these two-way interactions has limited the practical applications of existing knowledge and impeded the formulation of policies. With these observations in mind, this paper presents a systematic review of the rapidly expanding literature on macrofinancial linkages. It first surveys the literature on the linkages between asset prices and macroeconomic outcomes. It then reviews the literature on the macroeconomic implications of financial imperfections. It also examines the global dimensions of macrofinancial linkages and documents the main stylized facts about the linkages between the real economy and the financial sector. The topic of macrofinancial linkages promises to remain an exciting area of research, given the many open questions and significant policy interest. The paper concludes with a discussion of possible directions for future research, stressing the need for richer theoretical models, more robust empirical work, and better quality data, so as to advance knowledge and help guide policymakers going forward.

Macrofinancial Linkages Mr. Christopher W. Crowe, Mr. Simon Johnson, Mr. Jonathan David Ostry, Mr. Jeronimo Zettelmeyer, 2010-08-25 Macrofinancial linkages have long been at the core of the IMF's mandate to oversee the stability of the global financial system. With the advent of the economic crisis, the Fund has drawn on this research in order to contribute to critical debates on the nature of appropriate policy responses at both the national and multilateral levels. The current juncture offers a good opportunity to take stock of this body of research by IMF staff and to share it with a wider audience, particularly since few collections have been published in this area. This volume brings together some of the best writing by IMF economists on macrofinancial issues and highlights the issues and approaches that have guided IMF thinking in an area that makes up an increasingly important component of the IMF's overall remit. The chapters in the volume fit into three broad themes: financial crises and boom-bust cycles; financial integration; financial liberalization and economic performance; and policy issues relating to macroeconomic policy and the corporate and financial sectors, including domestic and external financial liberalization.

Macro-Financial Linkages in

Shallow Markets International Monetary Fund. African Dept.,2018-07-23 This paper assesses and disseminates experiences and lessons from low income countries LICs in Sub Saharan Africa that were selected by the Africa Department in 2015 16 as pilots for enhanced analysis of macro financial linkages in Article IV staff reports The paper focuses on the common characteristics across the pilot countries and highlights the tools used in the analysis the challenges encountered and the solutions deployed in overcoming them

*Macro-Financial Linkages in the Pacific Region* Akira Kohsaka,2015-03-05 Growth perspectives in emerging market economies are increasingly dependent on international capital flows in recent decades because of their influences on business cycles In fact volatile international capital flows has been one of the main concerns for the macroeconomic policy authorities Focusing on emerging economies in the Pacific region this book reveals how they are different from those in other regions in terms of international macro financial linkages to the global capital market and domestic financial development The book also discusses how these characteristics have interacted with their macroeconomic policy regimes and their macroeconomic performance throughout the two major international financial crises in the past more than two decades It suggests facts that have strengthened the resilience of these emerging economies in the Pacific region against the global financial crisis along with the intensified intra regional economic integration through trade and investment The book also examines their macroeconomic management focusing on monetary policy regimes and suggests that their factual unorthodox policies with exchange rate management and capital controls have contributed to their resilience against the intrinsic volatility of the international capital market and financial flows

**Dealing with the Challenges of Macro Financial Linkages in Emerging Markets** Otaviano Canuto,Swati Ghosh,2013-10-29 This book deals with the challenges of macro financial linkages in the emerging markets

**Macrofinancial Linkages of the Strategic Asset Allocation of Commodity-based Sovereign Wealth Funds** Aaron Howard Clifford Brown,2010 Ms. Muffet, *the Spider(gram) and the Web of Macro-Financial Linkages* Ricardo Cervantes,Mr.Phakawa Jeasakul,Joseph Maloney,Li Lian Ong,2014-06-10 The global financial crisis has underscored the importance of understanding macro financial developments and spillovers in an increasingly interconnected and intricate system At the IMF staff is focusing on the linkages between the real economy and the financial sector as well as the inter relationships between global and individual country risks The Country Financial Stability Map provides an empirical framework for explicitly linking these various aspects of the IMF s surveillance of its member countries It identifies potential sources of macro financial risks particular to a country and also enables an assessment of these risks in a global context through comparisons with the corresponding Global Financial Stability Map from the Global Financial Stability Report The authors have developed an Excel based tool Ms Muffet to facilitate this analysis which may be replicated by external users with access to the necessary databases using the accompanying template

*Two Essays on Macro-Financial Linkages* Jennifer Moreale,2017

**Macro-financial Linkage and Financial Deepening in China After the Global Financial Crisis** Kumiko Okazaki,Tomoyuki Fukumoto,2011 As

China's economic integration with the global economy deepens the amount of capital flow to from China has been increasing significantly especially since it joined the WTO In spite of such environment the recent global financial crisis has not severely affected the Chinese financial markets because of China's relatively strict control of cross border capital transactions and its strong economic and financial fundamentals The government's stimulus policies worked effectively to realize a quick recovery of the country's economic growth However on the horizon the factors that protected the Chinese economy during the crisis also seem to carry with them substantial risks and challenges to its sustainable growth This paper reviews the factors that have kept the Chinese economy and financial markets relatively stable and analyzes the recent changes in China's macro financial linkage overseas and highlights the challenges that China faces in realizing a sustainable and efficient economic development

*Macrofinancial Linkages and Growth at Risk in the Dominican Republic* Olga Bepalova, Mrs. Marina V Rousset, 2019-11-13 This paper uses the Growth at Risk GaR methodology to examine how macrofinancial conditions affect the growth outlook and its probability distribution Using this approach we evaluate risks to GDP growth in the Dominican Republic using quarterly data for 1996-2018 We group macrofinancial conditions in five principal determinants based on 32 indicators The Dominican Republic's growth distribution appears most vulnerable to negative shocks to domestic financial conditions domestic leverage domestic demand and external demand with additional repercussions from the external cost of borrowing in the longer run Our findings show that domestic monetary policy plays a particularly important role in reducing growth vulnerabilities when the economy is weak

**Financial Integration and Macrofinancial Linkages in Asia** Asian Development Bank, 2020-10-01 The Asian financial landscape has grown more interconnected over the past 2 decades Previous financial crises have shown how financial volatility can transmit rapidly across an interconnected financial network Empirical analyses have shown moreover how financial volatility can reverberate across the macroeconomy This report summarizes the lessons from past crises reviews the evidence of the macrofinancial linkages and feedback effects of financial distress and proposes policy considerations and coordinated responses to enhance financial stability and resilience

Macro-financial Linkages Alexey Ponomarenko, 2018 **Time Variation in Macro-financial Linkages** Sandra Eickmeier, Massimiliano Marcellino, 2013 *Macrofinancial Stress Testing - Principles and Practices—Background Material* International Monetary Fund. Monetary and Capital Markets Department, 2012-08-29 Staff conducted a survey of stress testing practices among selected national central banks and supervisory authorities The online survey was undertaken in November 2011 as part of the preparatory work for the paper on Macrofinancial Stress Testing Principles and Practices The survey focused on stress testing for banks which is more widespread and better established and practices are therefore easier to compare across countries but also included questions on stress testing for nonbank financial institutions

**Macro-financial Links and Monetary Policy Management** Nephil Matangi Maskay, 2010 The macroeconomy is linked with the financial market by the latter performing the important function of

allocating resources and risks which facilitates overall economic growth. Importantly the macro financial link is closely intertwined with monetary policy management since it contributes to fine tuning and making it more effective. However fundamental changes related to both increasing globalisation and financial development suggest that the nature of this link has changed significantly. Executive summary *Essays on Macro-financial Linkages* Rafael B. De Rezende, 2014 *Zambia* International Monetary Fund, African Dept., 2023-07-13 **Assessing Macro-financial Linkages**, 2012 **Approaches to Macrofinancial Surveillance in Article IV Reports** International Monetary Fund, Strategy, Policy, & Review Department, 2017-03-28

The Fund has made good progress over the past two years in integrating macrofinancial analysis into Article IV surveillance for a wide range of members. Building on past work to enhance financial sector analysis, Fund staff has sought to develop a consistent and forward looking view on how the financial sector affects each member's economic outlook with the aim of strengthening staff's capacity to provide advice on macro critical questions. The focus has been on developing a fuller understanding of macrofinancial linkages and applying this analysis to inform policy advice. Staff has sought to articulate the role of the financial sector in the macroeconomic baseline and to integrate the financial sector into the risk assessment taking into account both the impact of macro shocks on the financial sector as well as the effect of financial shocks on macroeconomic stability. Strengthening the analytical foundations of this work has helped staff provide advice in all policy areas including financial sector policies. Staff has tailored macrofinancial analysis to the circumstances of a diverse set of economies. Area departments have taken the lead in selecting 66 economies for enhanced macrofinancial coverage and in identifying topics drawing on targeted support from functional departments. The choice of coverage has included legacies from the global financial crisis such as deleveraging and stretched balance sheets in advanced economies and some emerging markets and more recent challenges such as commodity price shocks especially in low income countries and the risks of housing booms. The financial sector's contribution to growth and inclusion has become an important question in countries across all income groups. Staff sees benefits in mainstreaming this approach across the membership while continuing to address analytical gaps and adapting to new challenges. The work of the past two years has underscored the criticality of macrofinancial analysis for a diverse range of members and laid the basis for progressively mainstreaming macrofinancial surveillance across the membership. Building on this progress, staff sees scope for the Fund to deepen its understanding of the macroeconomic effects of financial shocks to better adapt microprudential and macroprudential policy advice with an assessment of macro critical risks including systemic risk and to deepen the analysis of outward spillovers. Staff will also need to continue to adapt the focus of analysis and tools and seek relevant data as economic challenges evolve.

*An Investigation of Some Macro-financial Linkages of Securitization* Mangal Goswami, Andreas A. Jobst, Xin Long, 2009

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