CONTENTS

Assumptions and Conventions vi
Further Information and Data vii
Preface viii
Executive Summary ix

Chapter 1. The Commodities Roller Coaster: A Fiscal Framework for Uncertain Times 1

How Commodity Cycles Affect the Economy 2
Fiscal Policy during Booms and Busts: A Difficult Balancing Act 4
Long-Term Fiscal Management under Uncertainty 10
A Risk-Based, Comprehensive Approach to Fiscal Policy 14
Conclusion 20
Annex 1.1. Data Sources 21
Annex 1.2. Selected Experiences with Fiscal Rules and Resource Funds in
Latin America and the Caribbean 21
Annex 1.3. Public Investment in Oil-Producing Countries of the Middle East 23
Annex 1.4. How Selected Sub-Saharan African Countries Have Used Commodity Windfalls 23
Box 1.1 Long-Term Management of Natural Resources 25
Box 1.2. A Benchmark for Stabilization Savings 26
Box 1.3. IMF Technical Assistance to Help Countries Manage Their Natural Resource Wealth 27
Box 1.4. The Vital Role of Transparency for the Successful Management of Natural Resources 28
Box 1.5. Fiscal Rules for Resource-Rich Countries 29
Box 1.6. The Large Size of Global Energy Subsidies 30
References 32

Country Abbreviations 35

Glossary 37

Methodological and Statistical Appendix 39

Data and Conventions 39
Fiscal Policy Assumptions 42
Definition and Coverage of Fiscal Data 46
Table A. Advanced Economies: Definition and Coverage of Fiscal Monitor Data 48
Table B. Emerging Market and Middle-Income Economies: Definition and Coverage
of Fiscal Monitor Data 49
Table C. Low-Income Developing Countries: Definition and Coverage of Fiscal Monitor Data 50
List of Tables
Advanced Economies (A1–A8) 51
Emerging Market and Middle-Income Economies (A9–A16) 59
Low-Income Developing Countries (A17–A22) 67

Fiscal Monitor, Selected Topics 73

IMF Executive Board Discussion Summary 79
Figures

Figure 1.1. Nonrenewable Commodity Exporters, 2014 2
Figure 1.2. Sovereign Wealth Funds, 2014 3
Figure 1.3. A Poor Record of Forecasting Oil Prices 3
Figure 1.4. Impact of Commodity Price Swings on Fiscal Revenues and Exports 4
Figure 1.5. Impact of the 1970s–80s Boom-Bust on Growth 5
Figure 1.6. Public Expenditure Procyclicality across Countries 6
Figure 1.7. Cyclically Adjusted Nonresource Balance and Procyclicality 7
Figure 1.8. Procyclicality and Growth 7
Figure 1.9. Positive Impact of Good Institutions on Fiscal Policy 8
Figure 1.10. Institutional Quality in Resource-Rich Countries 9
Figure 1.11. Spending during the 2000–08 Boom 9
Figure 1.12. Current and Capital Spending during the 2000–08 Boom 10
Figure 1.13. Impact of Public Capital Spending Scaling up on Growth 11
Figure 1.14. Health and Education during the 2000–08 Commodity Boom 12
Figure 1.15. Fuel Subsidies in Oil-Exporting Countries 12
Figure 1.16. Simulation of the Impact of Various Strategies to Manage Resource Wealth under Uncertainty 13
Figure 1.17. Saving Rates during Boom Years 14
Figure 1.18. Impact of the Fall in Commodity Prices on Fiscal Balances in Resource-Rich Countries 15
Figure 1.19. Tax Revenue in Resource-Rich Countries 18
Figure 1.20. Resource and Nonresource Revenues 19
Figure 1.21. Revenue Shares from Taxation in Resource-Rich Countries, 1990–2014 20
Figure 1.2.1. Precautionary Buffers under Different Degrees of Risk Tolerance 26

Tables

Table 1.6.1. Energy Subsidies in Selected Oil Exporters 31
Table A. Advanced Economies: Definition and Coverage of Fiscal Monitor Data 48
Table B. Emerging Market and Middle-Income Economies: Definition and Coverage of Fiscal Monitor Data 49
Table C. Low-Income Developing Countries: Definition and Coverage of Fiscal Monitor Data 50
Table A2. Advanced Economies: General Government Primary Balance, 2006–20 52
Table A4. Advanced Economies: General Government Cyclically Adjusted Primary Balance, 2006–20 54
Table A5. Advanced Economies: General Government Revenue, 2006–20 55
Table A6. Advanced Economies: General Government Expenditure, 2006–20 56
Table A10. Emerging Market and Middle-Income Economies: General Government Primary Balance, 2006–20 60
Table A17. Low-Income Developing Countries: General Government Overall Balance, 2006–20 67
Table A18. Low-Income Developing Countries: General Government Primary Balance, 2006–20 68
Table A19. Low-Income Developing Countries: General Government Revenue, 2006–20 69
Table A20. Low-Income Developing Countries: General Government Expenditure, 2006–20 70
Table A21. Low-Income Developing Countries: General Government Gross Debt, 2006–20 71
Table A22. Low-Income Developing Countries: General Government Net Debt, 2006–20 72