

Contents

Figures, Diagrams and Tables	ix
Preface	xiii
Acknowledgements	xv

1. Introduction: It is the Only One We Have	1
1.1 An Introduction to Basic Concepts	3
1.2 From Macro to Earth	5
1.3 Plan of the Book	6
1.4 How to Use this Book	7
1.5 Key Concepts	8
2. Planet Accounts	9
2.1 Why Accounting?	9
2.2 Getting the Numbers	11
2.3 Specific Measurement Issues	18
2.4 From Description to Analysis	22
2.5 Key Concepts	22

PART I SHORT-TERM FLUCTUATIONS AND DEMAND MANAGEMENT

3. Earth's Business Cycle	25
3.1 Fluctuations in Gross Planet Product	25
3.2 Earth Inflation	29
3.3 Three Decades of Growth and Inflation	33
3.4 Planet Unemployment	34
3.5 Key Concepts	38

4.	Why $I = S$ and What That Means: The Building Blocks of Macroeconomic Analysis	39
4.1	Consumption	41
4.2	Other Consumption Theories	42
4.3	Saving – Investment and Global Savings Glut	43
4.4	The Multiplier	46
4.5	A Short Digression on Notations and Graphical Representations	48
4.6	Key Concepts	50
5.	Investment, the IS Curve, and Product Market Equilibrium	51
5.1	World Investment	52
5.2	The $I = S$ Schedule	54
5.3	Other Investment Theories	57
5.4	Key Concepts	60
6.	What About Government?	61
6.1	Bringing Government into the Equations	62
6.2	Government Multipliers	65
6.3	Income (Re)Distribution	67
6.4	Debt Dynamics	71
6.5	Key Concepts	72
7.	Money Matters! The LM Curve and Money Market Equilibrium	73
7.1	Money Demand	74
7.2	Derivation of the LM Schedule	78
7.3	Monetary Policy and the Great Recession	81
7.4	Key Concepts	84
8.	Eartheconomic Demand and Supply	85
8.1	Demand Side Equilibrium: $I = S$ and $L = M$	86
8.2	Eartheconomic Demand	89
8.3	Eartheconomic Supply	92
8.4	Combining Eartheconomic Supply and Demand	99
8.5	Key Concepts	100
9.	Puzzling Disagreements	101
9.1	Interest Rate Sensitivity of the IS Curve	101
9.2	Interest Rate Sensitivity of the LM Curve	104
9.3	Demand and Full Employment Supply	106
9.4	Price Rigidity	107
9.5	Identification	109
9.6	Key Concepts	110

PART II LONG RUN

10. Long-Run Growth	113
10.1 Earth's Production, the Capital Stock and the Dynamics of Growth	115
10.2 The Neoclassical Growth Model	120
10.3 Growth Accounting	126
10.4 Key Concepts	128
11. Development and Change	129
11.1 Poverty Trap in the Solow Model	130
11.2 Escape Routes: Saving, Fertility, Innovation and Efficiency	131
11.3 A Closer Look at Structural Reform	135
11.4 Key Concepts	138
12. Limits to Growth?	139
12.1 The Kondratieff Wave	140
12.2 Does the Long Wave Make Sense?	142
12.3 Limits to Growth	144
12.4 Key Concepts	146

PART III EARTH GOVERNANCE AND GLOBAL PUBLIC GOODS

13. Global Public Goods	149
13.1 Globalization	152
13.2 Global External Effects	156
13.3 Fragmentation and Leadership: History	157
13.4 Key Concepts	160
14. Global Peers: An Agenda	161
14.1 Fragmentation and Leadership: Future	163
14.2 A Global Agenda of Peers	167
14.3 Key Concepts	168
Answers to the Exercises	169
Internet Resources	187
References	189
Index	195