## **Contents**

Authors' Preface	ix
1. Overshoot	1
2. The Driving Force: Exponential Growth	17
3. The Limits: Sources and Sinks	51
4. World3: The Dynamics of Growth in a Finite World	129
5. Back from Beyond the Limits: The Ozone Story	181
6. Technology, Markets, and Overshoot	203
7. Transitions to a Sustainable System	235
8. Tools for the Transition to Sustainability	265
Appendices 1. Changes from World3 to World3-03	285
2. Indicators of Human Welfare and Ecological Footprint	289
Endnotes	295
List of Tables and Figures with Sources	311
Index	325