

Contents

<i>Foreword by Jay W. Forrester</i>	<i>ix</i>
<i>Preface by Joy Richmond</i>	<i>xi</i>
Introduction: The Thinking in Systems Thinking—Eight Critical Skills Barry Richmond	3
1 Barry Richmond’s Influence on Systems Thinking: From Academia to Widespread Accessibility Ali Mashayekhi	22
2 Systems Thinking for Anyone: Practices to Consider Steve Peterson	30
3 Teaching by Wondering Around: Learning About the World Naturally Frank Draper	52
4 Changing School Culture: Creating Student-Centered Classrooms Tracy Benson	66
5 Modeling for High School Students: Teaching Critical Thinking through System Dynamics Diana M. Fisher	80
6 Romeo and Juliet in Brazil: Use of Metaphorical Models for Feedback Systems Thinking John Morecroft	94
7 The Value of Critical Thinking Skills: Modeling Price and Inventory Dynamics Corey Peck	120
8 Finding System Dynamics: An Exploration in International Development John L. Newman	142
9 The Power of the Situation: Modeling Classic Experiments in Social Psychology James K. Doyle, Khalid Saeed, Jeanine Skorinko	166
10 Education for an Interdependent World: Developing Systems Citizens Peter M. Senge	186