

# CONTENTS

|                           |     |
|---------------------------|-----|
| Foreword .....            | vii |
| Executive Summaries ..... | x   |

## GLOBAL FUTURES

|   |    |
|---|----|
| <i>FDI as Determinant of Regional Development: Mapping India's Success</i><br>Joan Foltz .....  | 3  |
| <i>Creating Sustainable Strategies for Brazil's Hinterland: Forecasting Small Business Growth Opportunities</i><br>James Terence Coulter Wright and Renata Giovinazzo Spers ..... | 17 |
| <i>Partnership for Development of Haiti</i><br>Pavel Nováček, Peter Mederly, Pierre C. Armand, and Irena Skácelová.....   | 31 |
| <i>Future Geopolitics</i><br>Peter H. Mettler .....   | 43 |
| <i>Hubs and Nodes or: How I Learned to Stop Worrying and Love Globalization</i><br>Richard Seline and Yali Friedman.....  | 54 |
| <i>Global Prospects</i><br>Jerome C. Glenn .....  | 60 |
| <i>Building Organizations and Leadership: Knowledge Transfers in Competitive Environments</i><br>James R. Calvin.....   | 70 |
| <i>The Three Triangles of Transformation</i><br>Rick Smyre .....  | 84 |

## TECHNOLOGY FUTURES

|   |     |
|---|-----|
| <i>Technological Prospective as a Driver for Innovation in High-Complexity Products</i><br>Denis L. Balaguer, Rodrigo C. Silva, Marcos A. de M. Brito, and Henrique Alves ..... | 101 |
| <i>The “Tech-Knowledge” Tsunami: Accelerating Scientific and Technological Change and Its Impact on the United States</i><br>Grant T. Hammond.....                              | 114 |
| <i>To Be Digital or Not To Be? That is the Question</i><br>Jan Amkreutz.....  | 131 |
| <i>A Grassroots Solution to the Futurist’s Dilemma</i><br>Tyler A. Kokjohn.....   | 141 |

## ENVIRONMENTAL FUTURES

|   |     |
|---|-----|
| <i>Thinking About the Arctic’s Future—Scenarios for 2040</i><br>Lawson W. Brigham.....  | 147 |
| <i>What the Future Holds for World Energy and Climate Change</i><br>Gioietta Kuo .....  | 162 |
| <i>Networks of Possible Futures: A Modeling and Critique of Florida’s Megatrends</i><br>Raymond L. Johnson.....                   | 176 |
| <i>Transition to a Sustainable World: Converting the Energy and Environment Mess into an Opportunity</i><br>William E. Halal..... | 196 |

## BUSINESS FUTURES

|   |     |
|---|-----|
| <i>Leading Complex Teams: A Model for the Future</i><br>Pam Jones and Viki Holton ..... | 213 |
|---|-----|

*Using Future Trends and Vision to Create a Better Corporate Future*  
Romulo Werran Gayoso ..... 235

*The Current Leadership Crisis and Thoughts on Solutions*  
Jim Morris ..... 250

### **HEALTH FUTURES**

*The Future of Nanomedicine*  
Raj Bawa ..... 266

*Scared Sick: How the Threat of Pandemics Will Change Our Lives*  
Susan R. Whitfield..... 284

### **EDUCATIONAL FUTURES**

*Images of a Sustainable Primary School*  
Rowena Morrow ..... 307

*The Education Piece of a Possible Future*  
Berenice D. Bleedorn ..... 324

### **FUTURES METHODOLOGY**

*Visions: Vital but Treat with Care*  
Graham May ..... 333

*Living as if Futures Matter*  
Bruce Tonn ..... 345

### **TRANSPORTATION FUTURES**

*Thoughts on the Future of Transportation*  
Mark A. Safford..... 363

*Air Travel: A.D. 2020*  
Jay Herson ..... 388

**RELIGIOUS FUTURES**

*The Threat of Nuclear Terrorism and the Abrahamic Religions*  
Thomas R. McFaul ..... 399

*Mitigating a Biblical Impact Event*  
Craig S. Marxsen ..... 413