CONTENTS

LIST OF CONTRIBUTORS ix

ADVISORY BOARD xi

PART I: INTRODUCTION

THE GARBAGE CAN MODEL OF ORGANIZATIONAL CHOICE: LOOKING FORWARD AT FORTY
Alessandro Lomi and J. Richard Harrison 3

"A GARBAGE CAN MODEL" AT FORTY: A SOLUTION THAT STILL ATTRACTS PROBLEMS
Michael D. Cohen, James G. March and Johan P. Olsen 19

PART II: PREFERENCES

TURN-TAKING AND GEOPOLITICS IN THE MAKING OF DECISIONS
David R. Gibson 33

MECHANISMS GENERATING CONTEXT-DEPENDENT CHOICES
Jerker Denrell 65

CHANCE, PREFERENCES, AND PREDICTIONS IN GARBAGE CAN THEORY
Jonathan Bendor and Kenneth W. Shotts 99
PART III: DECISION TECHNOLOGY

GARBAGE CAN ECOLOGIES: AN AGENT-BASED EXPLORATION
   Guido Fioretti 141

ASPECTS OF GARBAGE CAN PROCESSES: TEMPORAL ORDER AND THE ROLE OF EXPEDITING
   Sridhar Seshadri and Zur Shapira 165

GARBAGE CAN IN THE LAB
   Thorbjørn Knudsen, Massimo Warglien and Sangyoon Yi 189

PART IV: PARTICIPATION

TEAM FORMATION IN THE GARBAGE CAN
   Klaus G. Troitzsch 229

MODELING FORMAL AND INFORMAL TIES WITHIN AN ORGANIZATION: A MULTIPLE MODEL INTEGRATION
   Geoffrey P. Morgan and Kathleen M. Carley 253

SITUATED ATTENTION, LOOSE AND TIGHT COUPLING, AND THE GARBAGE CAN MODEL
   William Ocasio 293

STRUCTURE, SKILL, AND AMBITION IN ORGANIZATIONAL PROBLEM SOLVING
   Thorbjørn Knudsen, Nils Stieglitz and Sangyoon Yi 319

PART V: ORGANIZATIONS

FROM THE IVY TOWER TO THE C-SUITE: GARBAGE CAN PROCESSES AND CORPORATE STRATEGIC DECISION MAKING
   Daniel A. Levinthal 349
Contents

ORGANIZED ANARCHIES AND THE NETWORK DYNAMICS OF DECISION OPPORTUNITIES IN AN OPEN SOURCE SOFTWARE PROJECT
Alessandro Lomi, Guido Conaldi and Marco Tonellato 363

ORGANIZATIONAL DECISION MECHANISMS IN AN ARCHITECTURAL COMPETITION
Kristian Kreiner 399

GEOPOLITICS AND GARBAGE CANS: UNDERSTANDING THE ESSENCE OF DECISION MAKING IN AN INTERDISCIPLINARY AND PSYCHO-CULTURAL PERSPECTIVE
Mie Augier and Jerry Guo 431