

CONTENTS

Foreword page ix

Preface & Acknowledgments xi

1. Definitions and Interactions 1

I Biological Control as Intentional Invasions 19

2. Biological Control and Invasion Biology 21

3. Importation Biological Control – The Scope of Success 46

4. Negative Consequences of Biological Control 83

5. Ecological Risk Analysis in Biological Control 114

II Dynamics of Biological Control 147

6. Population Dynamics in Biological Control 149

7. Biological Control and Evolution 177

III Local Facilitation of Biological Control 205

8. Augmentation: Orchestrating Local Invasions 207

9. Conservation Biological Control I: Facilitating Natural Control through Habitat Manipulation 230

10. Conservation Biological Control II: Facilitating Natural Control through Pesticide Reduction or Selectivity 258

References 269

Index 366