New Perspectives for Environmental Policies Through Behavioral Economics
## Contents

1 Introduction .................................................. 1  
   Frank Beckenbach and Walter Kahlenborn

### Part I  Foundations and Overview

2 Innovative Behavioral Approaches to Analyze the Incentives of  
   Environmental Instruments ............................... 15  
   Frank Beckenbach

3 Specification Required? A Survey of Scientists’ Views About the  
   Role of Behavioral Economics for Assessing Environmental Policy  
   Instruments ............................................... 69  
   Maria Daskalakis

### Part II  Conceptual Issues

4 What Can Be Learned from Behavioral Economics for  
   Environmental Policy? .................................... 109  
   Markus Pasche

5 “Great Transformation” Towards Sustainability and Behavioral  
   Economics .............................................. 127  
   Erik Gawel

6 Behavioral Concepts as Part of a Participative Political Economics  
   Perspective ............................................. 147  
   Peter Söderbaum

### Part III  Fields of Application

7 Behaviorally Green: Why, Which and When Defaults Can Help .... 161  
   Cass R. Sunstein and Lucia A. Reisch

8 Environmental Behavior and Fast and Frugal Heuristics .......... 195  
   Florian M. Artinger, Ana Paula Bortoleto,  
   and Konstantinos V. Katsikopoulos
<table>
<thead>
<tr>
<th>Chapter</th>
<th>Title</th>
<th>Author(s)</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Behavioral Approaches to Managing Household Energy Consumption</td>
<td>Michelle Baddeley</td>
<td>213</td>
</tr>
<tr>
<td>10</td>
<td>Road Pricing in Germany: A Behavioral Economics Perspective</td>
<td>Erik Gawel</td>
<td>237</td>
</tr>
<tr>
<td>11</td>
<td>Implications of Behavioral Economics for Designing Adaptation Policies</td>
<td>Christian Kind and Jonas Savelsberg</td>
<td>253</td>
</tr>
<tr>
<td></td>
<td><strong>Part IV Case Studies</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Sustainable Behavioral Governance: Responsive Regulation for Innovation</td>
<td>Kilian Bizer and Martin Führ</td>
<td>277</td>
</tr>
<tr>
<td>13</td>
<td>Behavioral Determinants of Environmental Innovation:</td>
<td>Maria Daskalakis</td>
<td>301</td>
</tr>
<tr>
<td></td>
<td>A Carnegie-Based Approach</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Conclusions and Perspectives</td>
<td>Frank Beckenbach and Walter Kahlenborn</td>
<td>325</td>
</tr>
</tbody>
</table>