

# Contents

<b>INTRODUCTION</b>	<b>1</b>
<b>Preface</b>	<b>2</b>
<b>THE CHALLENGES</b>	
<b>Development of Indicators for the Global Goal on Adaptation: A Focus on the Hindu Kush Himalaya Region</b> <i>Sonam Tashi, Amlan Mishra, Kunzang, and Pradyumna JB Rana</i>	<b>5</b>
<b>Climate Change Projection for Bhutan</b> <i>Singay Dorji</i>	<b>25</b>
<b>The Climate-Vulnerable Suffer Most</b> <i>Yangyel Lhaden</i>	<b>34</b>
<b>The Significance and Outcomes of COP29: Perspectives from a Bhutanese Negotiator</b> <i>Sonam P Wangdi</i>	<b>44</b>
<b>THE IMPACT</b>	
<b>Migration, Climate Change and Adaptive Capacity</b> <i>Tashi Paldon, Choeying Selden, and Jelle J P Wouters</i>	<b>55</b>
<b>Climate Change and the Future of Bhutan's Hydropower</b> <i>Tshering Gyeltshen</i>	<b>65</b>
<b>Water Security in the Face of Climate Change in Bhutan</b> <i>Sonam Choden</i>	<b>81</b>
<b>Overstocked Forests Threaten Bhutan's Climate Resilience: The Urgent Need for Thinning and Controlled Burning</b> <i>Phuntsho Namgyel</i>	<b>89</b>

## THE ISSUES

### **Scientific Evidence and a Spiritual Plea from Bhutan's Glaciers: From Guardians to Vulnerable Icons**

*Pema Eden* 103

### **Lessons from Grandma's Tales: Bhutanese Vernacular Understanding of the Natural Environment and Climate Change**

*Dorji Penjore* 114

### **Climate Change is a story: An Ethnographic Reflection of encountering climate change in Lhuentse**

*Kinley Dorji* 125

### **Mountains as Climate-Makers, Cosmology as Climate Change, and Bhutan's Ancient Anthropocene**

*Jelle J P Wouters* 136

## SOME RESPONSES

### **Gelephu Mindfulness City: Sustainable Urbanisation in the Age of Climate Change**

*Lhazin Y. Nedup* 148

### **G-Zero: A Unified Voice for Carbon-Neutral and Carbon- Negative Nations**

*Tashi Choden* 154

### **Adapting Hazelnut Cultivation to a Changing Climate**

*Sheryl Loke* 158