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Walter Leal Filho

Editor

# Climate Change in the Asia-Pacific Region

 Springer

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# Preface

The Asia-Pacific region is rich in resources on the one hand but quite vulnerable to climate change on the other.

The growing evidence of increases in the intensity and frequency of various extreme events (e.g., draughts, heat waves, tropical cyclones, intense rainfall, tornadoes, thunderstorms, etc.) suggests that urgent measures are needed, in order to increase the capacity of the countries in the region to adapt. However, when it is considered that the majority of the estimated 500 million rural poor in the Asia and Pacific region are subsistence farmers occupying mainly rain-fed land, it can be seen that coping with climate change in the region cannot be regarded as an easy task.

This state of affairs suggests that it is important that countries across the region actively engage in the preparation of strategies or action plans to cope with climate change. These tools may assist government agencies, nongovernmental organizations, and communities to enhance their capability to adapt and to possibly reduce the various negative impacts the various countries are subjected to. But apart from policies and action plans, the seriousness of the threats posed by climate change means that new ideas, strategies, and projects are needed, so that they can also better handle the various uncertainties associated with a phenomena which is global in nature, but whose impacts are mostly local.

This book is a contribution to address the above needs and is aimed at assisting countries in the Asia-Pacific region to better prepare themselves to cope with climate change. It is structured into 2 parts:

Part I—Climate Change and Socio-Economic Issues

Part II—Policy and Technology Responses

This book is also an attempt to offer a platform for a range of actors working in different sectors and systems to share their knowledge about their experiences, failures, and successes in pursuing climate change adaptation. The needs and interests of critical and neglected groups are highlighted throughout the book, alongside the need for improving knowledge management on climate change.

The case studies and experiences involving countries as varied as Australia, Bangladesh, China, Fiji, India, Mongolia, Nepal, and the Philippines, as well as regional analyses offered by some authors, offer a concrete view of the issues on the ground.

I want to thank all authors for sharing their knowledge and experience in this book. I hope that the body of information and knowledge amassed in “Climate Change in the Asia and Pacific Region” will serve the purpose of illustrating for various sorts of actions which are possible and needed to address a problem which impacts the region as a whole and individual countries in particular.

Hamburg, Germany

Walter Leal Filho

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