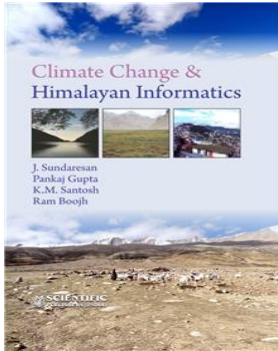


## Climate Change & Himalayan Informatics



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### Blurb

Geodynamic process during the rapid growth of Himalayas has holistic imprints of Climate Change in this region. Climate Change Himalayan Informatics is an account of dedicated contribution for the above imprints. Impact of climate change is examined in this book for the ongoing process of rapid urbanization of the hinterlands of Himalaya. It consists four sessions and seventeen chapters. Mass balance of glaciers in Chandrabasin of Himalayas is presented as a predictive tool for spatially distributed estimates of mass balance of glaciers. An effective tool to identify and locate multiple natural hazards due to climate change in Himalaya especially landslides and glacial lake outburst flood (GLOF) is part of the book. Impacts of climate change on cropping strategies by mountain communities are ascribed in the session socio-economic perspectives. Information on ecologically and economically important plant species in Himalaya that have greater tolerance in drought, discussed in this book, is significant in the perspectives of global warming. A specific species is identified as an indicator of climate change for Eastern Himalaya. Climatic impacts on different regional eco systems of Himalaya had implications on ecological, cultural and socio economic process of the region. Multidimensional decision support system is essential for mitigation and adaptation for such implications. Present book consists studies from north to eastern part of Himalaya. This will be beneficial to researchers, student, managers and administrators associated with Mountain ecosystem and Climate Change.

### Foreword

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