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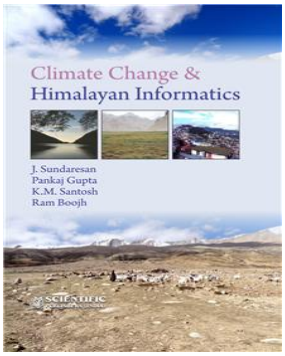
# Climate Change & Himalayan Informatics

J. Sundaresan , P. Gupta , K.M. Santosh & R. Boojh





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**Blurb**

Geodynamic process during the rapid growth ofHimalayahas 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 ofHimalaya. It consists four sessions and seventeen chapters. Mass balance of glaciers in ChandrabasinofHimalayais 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 inHimalayaespecially 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 inHimalayathat 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 forEastern Himalaya. Climatic impacts on different regional eco systems ofHimalayahad 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 ofHimalaya. This will be beneficial to researchers, student, managers and administrators associated with Mountain ecosystem and Climate Change.

**Foreword**

**Dr.T. Ramasami**

(Secretary)

Government of india ministry of science &

Technology department of science & technology

Technology bhavan, new mehrauli road, new Delhi - 110 016

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