Contents

Preface ................................................................. v
Introduction ......................................................... xi

Part I  Geopolitics of the Polar Region

The Arctic Cooperation, a Model for the Himalayas—Third Pole? . . . . 3
Thórir Ibsen

The Hollowing of Antarctic Governance .......................... 17
Alan D. Hemmings

State Practices on Antarctica and International Law: Attempt at Identification of India’s Interests, Needs and Future Position . . . . 33
Bimal N. Patel

Arctic: A Paradox and Antithesis ................................. 51
Uttam K. Sinha

Should India Encourage Tourism in Antarctica? ............... 63
Rasik Ravindra

Part II  The Global Climate Change and Polar Region

The Arctic Teleconnections ........................................ 73
M.N. Rajeevan

Abrupt Climate Shifts Over the Past 10,000+ Years: An Arctic-Antarctic-Asian Imbroglio? ................................. 83
S. Rajan
Part III  Global Climate Change and the Himalayan Region

Inventory and Monitoring of Snow and Glaciers of the Himalaya Using Space Data ............................................ 95
Ajai

Mitigation Strategies to Combat Climate Change in the Himalayan Mountains ........................................... 115
M.R. Bhutiyani

Winter Climate and Snow Cover Variability Over North-West Himalaya ................................................. 127
H.S. Negi, M.S. Shekhar, H.S. Gusain and A. Ganju

Regional Climate Changes Over Hindukush-Karakoram-Himalaya Region ..................................................... 143
D. Kumar, A. Choudhary and A.P. Dimri

Current Status of Himalayan Cryosphere and Adjacent Mountains .................................................. 161
Abul Amir Khan, N.C. Pant and Rasik Ravindra

Assessment of Glacier Fluctuations in the Himalaya ................. 183
Anil V. Kulkarni and S. Pratibha
Science and Geopolitics of The White World
Arctic-Antarctic-Himalaya
Goel, P.S.; Ravindra, R.; Chattopadhyay, S. (Eds.)
2018, XIII, 195 p. 60 illus., 48 illus. in color., Hardcover
ISBN: 978-3-319-57764-7