

9. Species Diversity Assessment in Relation to Altered Anthropogenic Disturbances in District Rajouri (J&K), India 71
 ▪ *Tajinder Singh, L R Danguwal and Harpal Singh*
10. Evaluation of Genetic Variability, Diversity, Trait Association and Path Analysis in Various Bitter Gourd (*Momordica charantia* L.) Strains in Garhwal Himalaya 89
 ▪ *Vivek Singh, D K Rana and K N Shah*

Growth, Environment and Development

11. Out-migration Pattern in Uttarakhand: An analysis of Decadal Population Change 104
 ▪ *Niyati Nautiyal, Kusum Arunachalam, Ujjwal Kumar and Harsh Dobhal*
12. Natural Disaster, Community Adaptation and Ecological Consequences: A Case Study of Asi Ganga Sub-basin, Uttarkashi, Western Himalaya 120
 ▪ *Khimanand Balodi, Suneet Naithani and Amit Singh*
13. Ecological Health of the Tons and Yamuna River in Stretch Impounded for Hydropower Projects 135
 ▪ *Rachna Nautiyal, Kavita Kala, Rajbeer Singh and Prakash Nautiyal*
14. Groundwater Potential Zones in Shaspur Block of Dehradun District Using Space Technology 145
 ▪ *Asha Thapliyal, Anju Panwar and Sanjeev Kimothi*
15. Sustainable Agricultural Development: A Critical Analysis of the Land Use Dynamics in Uttarakhand 154
 ▪ *Madhu Bisht and Abhishek Badola*
16. Hydro Power Projects Induced Conflict: A Study Of Lepcha Community Of Dzongu 167
 ▪ *Reshma Lepcha*
17. Education for Sustainable Development: Infusion Approach in School Curriculum 189
 ▪ *Reena Uniyal Tiwari*
18. The Environmental Challenges and Global Imperatives 19
 ▪ *Yogesh Chandra Nainwal and Ajay Prasad Uniyal*
19. Nandadevi Biosphere Reserve –A Vulnerable World Heritage Site 20
 ▪ *Chhaya Singh, Maneesha Singh and D K Gupta*

**Himalayas: Ecology, Resources,
Development and Conflict**

Editors

U S Rawat
Harsh Dobhal
H C Purohit

Editorial Assistance

Archana Negi
Niyati Naudiyal
Ina Bahuguna
Sakshi Gupta
Ankita Mandolia

© Editors, 2019

ISBN : 978-93-82830-62-7


₹ : 1995/-

Published By

Winar Publishing
8 K.C. City Centre
4 Dispensary Road,
Dehradun (Uttarakhand)
Website : www.winar.org
E-mail : winar.nasrani@gmail.com

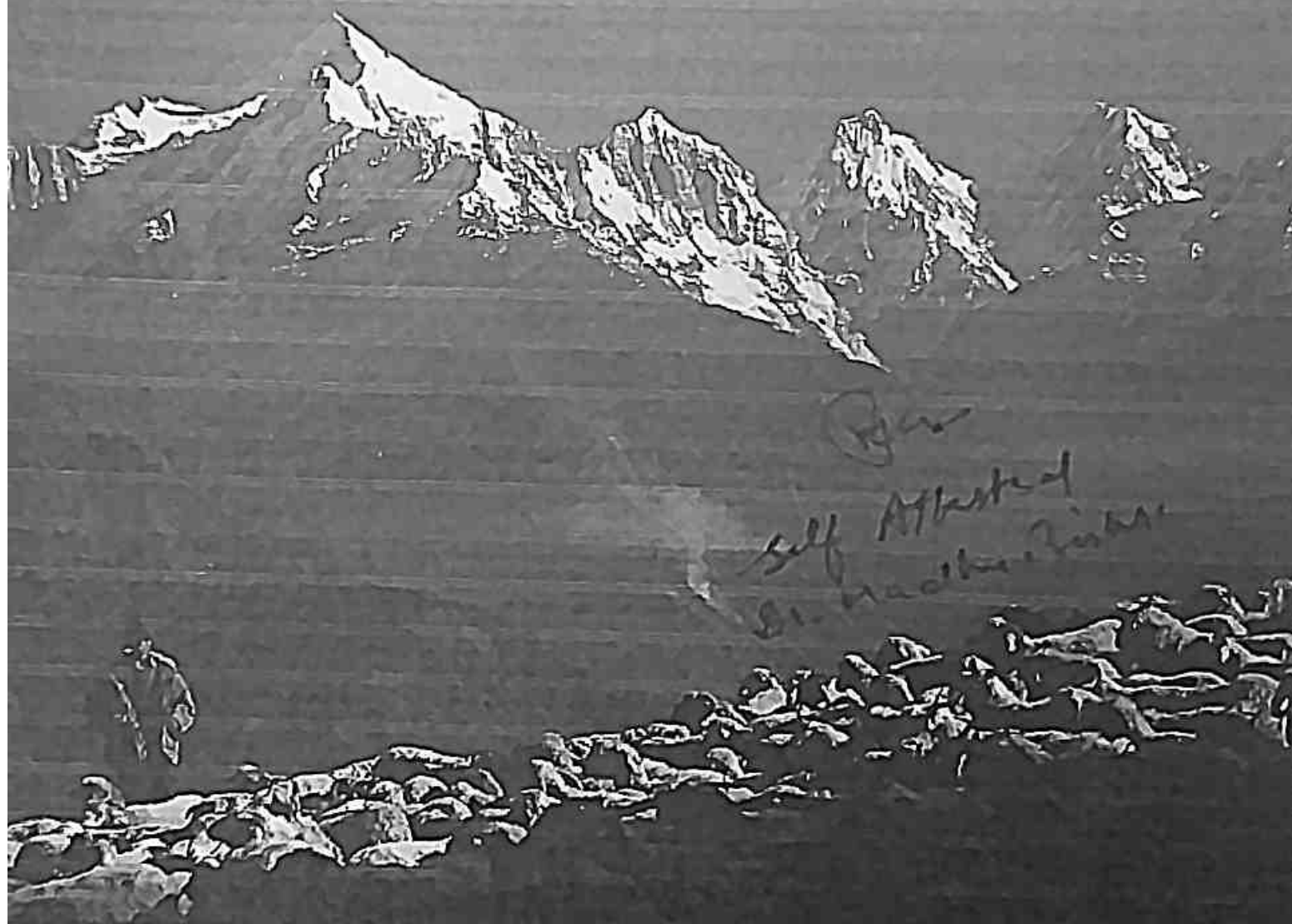
Printed at :

Vedika Enterprises
Dehradun


Self Attested
Dr. Manish Purohit

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior permission of the editor.

Himalayas: Ecology, Resources, Development and Conflict



Editors
U S Rawat
Harsh Dobhal
H C Purohit