

INSTITUTE OF INDIAN GEOGRAPHERS

GOVERNING COUNCIL

1995-1998

PRESIDENT	Prof (Mrs.) Swarnjit Mehta, Chandigarh
VICE-PRESIDENTS	Prof. Meher Singh Gill, Patiala Prof. V. S. Phadke, Mumbai Prof. S. B. Sawant, Pune Prof. Baleshwar Thakur
SECRETARIES	Dr. (Mrs.) Jaymala Diddee, Pune Dr. (Mrs.) Manju Mitra, Bilaspur Dr. K. D. Sharma, Chandigarh
FOREIGN CORRESPONDENCE SECRETARY	Dr. R. B. Singh, Delhi
TREASURER	Dr. (Mrs.) Jutta Dikshit, Pune
MEMBERS	Prof. R. C. Chandana, Chandigarh Prof. K. R. Dikshit, Pune Dr. Eshwarappa, Bangalore Prof. H. S. Gupta, Raipur Prof. Majid Hussain, Delhi Dr. S. R. Jog, Pune Dr. (Mrs.) Z. T. Khan, Raipur Prof. Gopal Krishan, Chandigarh Prof. S. S. Naregal, Dharwar Dr. D. N. Singh, Varanasi
EDITOR	K. R. Dikshit

CONTENTS

SWARNJIT MEHTA	Arid and Semi-Arid Lands : Environmental Issues, Future Research tasks and Sustainable Development	....	1
P. SARAVANAKUMAR R. JAGANATHAN and D. KUMARAN RAJU	Statistical Modelling and Prediction of Beach Profile Change : A case of coromandal coast of Tamil Nadu, India	....	7
Ch. MADHURAMMA and M. SAMBASIVA RAO	Water Availability and Crop Management of the Nellore District, Andhra Pradesh, India	....	15
BANASARI GUHA	Evolution of Rural Settlements in Sunderban : Nalua, A Case Study	....	23
RAMESH CHAND	Geography of Electoral Participation in Himachal Pradesh : A Spatial Perspective	....	31
Y. V. RAMANAIAH	Livestock : An Alternative Enterprise for Sustainable Agricultural Development in Andhra Pradesh	....	45
K. S. GOPALAKRISHAN, M. SAKTHIVEL and SUNIL KUMAR	Soil-Physiography Relationship in Kodayar River Basin of Kanyakumari District for Land Use Planning	....	55
VRISHALI DEOSTHALI and VIJAYA IYER	Validation of Sinusoidal Model for Simulation of Diurnal Temperatures	....	63
N. NAGABHUSANAM, K. HARINATH REDDY and H. UGANDRA RAJU	Agricultural Land Use Efficiency of Nellore District Andhra Pradesh	....	71
PRADEEP KUMAR	Impact of Water Table on Soil and Crops : Case Study of a Village of Haryana	....	75
K. KUMARASWAMY, R. JAYAKUMAR, M. KAMARAJ and K. UNNIKRISHNAN	Multivariate hydrogeochemical investigation in the Vaippar Basin, South India	....	79
	Obituary	....	87

INSTRUCTIONS TO AUTHORS

All manuscripts of papers, short articles and book reviews intended for publication in the 'Transactions' should be sent in duplicate to-

The Editor,
Transactions of the Institute of Indian Geographers,
Department of Geography,
University of Pune
Pune - 411 007.

Manuscripts should be typewritten only on one side of the paper and double spaced. Titles and subtitles have to be brief and precise. Below the title, only the name of the author and his city should be given. Complete address of correspondence should be given at the end. An abstract of the paper not exceeding 200 words has to precede the main text of the paper. Reference in the text should be given in brackets in the order (author and year). Footnotes should not be given unless indispensable.

References, to be given at the end of the paper have to be listed alphabetically by author (with the year of publication after the author's name). The titles of books and journals should be underlined (to be italicised) with volume number to be double underlined (to be set in bold face) followed by page numbers expressed by the first and the last page of the paper. In case of books, the place of publications should be given at the end.

Schumm, S.A. (1977) : The Fluvial System (London)

Bunge, W. (1966) : Gerrymandering, Geography and grouping,
Geog Rev. 55; 255-63.

Illustrations should be submitted as clear black originals. Illustrations which cannot be reduced to the 12cm. x 17cm. size will be accepted only in exceptional cases. Captions for illustrations must be typed on a separate sheet, and figures and photos have to be numbered consecutively in Arabic and Roman numbers respectively.

Papers already published or under consideration should not be submitted.

Authors will receive 20 reprints of their articles free of charge.

The editor is not responsible for the views expressed by the authors.