

TRANSACTIONS OF THE INSTITUTE
OF
INDIAN GEOGRAPHERS

11g

Vol. 6

No. 2

July 1984

DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF POONA
GANESHKHIND, PUNE 411 007

CONTENTS

LAKSHA HIRA DUTTA	Alluvial Fans in the Northern Brahmaputra Valley : A Geomorphological Interpretation	1
FARASAT ALI SIDDIQUI	Rural/Urban Population Age Structure Regions of Uttar Pradesh	15
J.S. RAWAT D.C. PANDEY P.C. TIWARI	Polycyclic Landscape and its Relationships with Tectonic Instability and Palaeoclimate (A BOWSPRIT)	27
PRAHALAD KUMAR	The Distribution and Development of Slope in a Greater Himalayan Basin	35
T.J. RENUKA PRASAD G. SRINIVAS C. NAGANNA	Study of Precipitation Trends in Shimsha River Basin in Karnataka	45
P. JAYAMANI	Spatial Pattern of Urban Centres and Imbalances in Regional Development	51
V.S. DATYE S.C. GUPTE	Association Between Agricultural Landuse and Physico-Socio-Economic Phenomena : A Multivariate Approach	61
K.S. MORE F.R. MUSTAFA	Irrigation Requirements and Developments in Maharashtra	73
R.S. DUBE R.P. MISRA	Nutritional Availability Patterns in Madhya Pradesh	79
	Book Reviews	90
	In Memoriam	95

INSTITUTE OF INDIAN GEOGRAPHERS

Governing Council

<i>PRESIDENT</i>	S.C. Gupte
<i>VICE-PRESIDENTS</i>	K.P. Kshirsagar A. Ramesh S.D. Shinde D.M. Wagh
<i>SECRETARIES</i>	V.S. Datye P.R. Karmarkar S.B. Sawant
<i>SECRETARY FOR FOREIGN CORRESPONDENCE</i>	Ms. Jaymala Diddee
<i>TREASURER</i>	S.R. Jog
<i>MEMBERS</i>	B. Arunachalam B. Banerjee S.P. Date Mrs. Anjana P. Desai A.T. Desai K.R. Dikshit N.G. Jain P.D. Mahadev P.T. Malshe A.B. Mukherjee N.B.K. Reddy C.P. Singh K.N. Singh
<i>EDITORIAL COMMITTEE</i>	V.S. Datye K.R. Dikshit Mrs. J.K. Dikshit S.C. Gupte
<i>EDITOR</i>	K.R. Dikshit

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 Poona
Pune - 411007

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 publication 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 12 cm x 17 cm. 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 25 reprints of their articles free of charge.

Hereafter the 'Transactions' will be offset printed and the subject matter electronically composed. Contributors are requested to submit neatly typed and corrected text of the papers. Overwriting must be strictly avoided. Drawings/maps must be submitted in original.

Edited and Published by K.R. Dikshit for the Institute of Indian Geographers, Department of Geography, University of Poona. Electronic Composing and reprographic support by Office Management Services, 3/34 Mira Housing Society, Salisbury Park, Pune-411001 (Tel:34566) and printed at Mudra, 383 Narayan Peth, Pune-411030.

The Transactions of the Institute of Indian Geographers are published half yearly in January (Winter issue) and July (Monsoon issue).

All correspondence regarding the Institute's membership, bills, purchase of publications should be addressed to the Treasurer. All other correspondence should be addressed to the secretary.

Subscription Rates

	India, Ceylon and Bangladesh		Overseas	
Annual Subscription for Individuals	Rs. 25	5	10	\$
Annual Subscription for Institutions	Rs. 40	8	16	\$

Each issue of the Journal will cost Rs. 15/- or 2.5 or 5 s

Each number of the back volume will cost Rs. 100 or 5 or 10 \$

Membership Rates

	India		Overseas	
Individual annual membership	Rs. 25	5	10	\$
Individual life membership	Rs. 250	50	100	\$
Institutional annual membership	Rs. 100	20	40	\$
Institutional life membership	Rs.1000	200	400	\$

Cheques, Drafts and M.O. should be drawn in favour of 'The Institute of Indian Geographers.

Form IV

- 1) Place of Publication
Institute of Indian Geographers
Dept. of Geography, University of Poona
Pune - 411007
- 2) Periodicity of its Publication
Half yearly
- 3) Printer's Name
K.R. Dikshit
Whether citizen of India
Yes
Address
Institute of Indian Geographers
Dept. of Geography, University of Poona
Pune 411007
- 4) Publisher's Name
K.R. Dikshit
Whether citizen of India
Yes
Address
Institute of Indian Geographers
Dept. of Geography, University of Poona
Pune 411007
- 5) Editor's Name
K.R. Dikshit
Whether citizen of India
Yes
Address
Institute of Indian Geographers
Dept. of Geography, University of Poona
Pune 411007
- 6) Names and addresses of individuals
who own the newspaper and
partners of share holders holding
more than one per cent
of the total capital
Institute of Indian Geographers
University of Poona, Department of Geography
University of Poona, Pune 411007

I, K.R. Dikshit, hereby declare that the particulars given above are true to the best of my knowledge and belief.

Dt. : 26 July 1984

Sd/- K.R. Dikshit
Signature of Publisher.