

Transactions

Institute of
Indian Geographers

118

Vol. 16

No. 2

July 1994

**TRANSACTIONS OF THE INSTITUTE
OF
INDIAN GEOGRAPHERS**

Vol. 16

No.2

July 1994

**DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF PUNE
GANESHKHIND, PUNE 411 007.**

CONTENTS

MURALI KRISHNA. M, NANDAKUMAR. D. and PADMANABHAN. V.T.	Spatial Analysis of the Distribution of Radioactivity in the High Natural Background Radiation Areas of Kerala, India	.... 101
S.A. SASEENDRAN and A.K. MURALI	Agrometeorological Studies for optimal Utilisation of Water Resources in Kozhikode District of Kerala State	.... 107
N. CHENDRAYUDU and Y.V. RAMANAIAH	Agricultural Typology : A Theoretical Perspective	.... 115
SACHINDER SINGH	Social Ecology of the Congress Party Vote in Himachal Pradesh Assembly Elections (1982-1990)	.... 123
SWARNJIT MEHTA and YADVINDER SINGH	Spatio-Temporal Changes in the Natural Hilly Ecosystem : A case study of the Chandigarh Siwalik Hills	.... 135
M.P. GUPTA and (Mrs.) SARLA SHARMA	In-Migration in Madhya Pradesh	.... 147
MANISHA TIWARI and KAILASH CHOUBEY	Allopathic Health Care Delivery System in Madhya Pradesh : A Study in Medical Geography	.... 155
C.P. SINGH and N.K.P. SINHA	Morphometric Analysis of Terrain : A Case Study of South Mirzapur Upland	.... 165
B. THAKUR	Indian Geography : Development, Trends & Prospects	.... 177
	News	.... 197
	Book Reviews	.... 201

INSTITUTE OF INDIAN GEOGRAPHERS

GOVERNING COUNCIL

PRESIDENT K. N. Singh

VICE-PRESIDENTS K.S. Gopalkrishna
H. S. Gupta
S. B. Sawant
Jagdish Singh

SECRETARIES Ms. Jaymala Diddee
Ms. Manju Mitra
K. D. Sharma

FOREIGN CORRESPONDENCE Ms Swapna Banerjee Guha
SECRETARY

TREASURER Ms Jutta Dikshit

MEMBERS N. B. K. Reddy
S. C. Gupte
N. Shivagnanam
K. R. Dikshit
A. R. Chandrakar
P. W. Deshmukh
Ms. Daksha C. Barai
Gopal Krishan
Baleshwar Thakur
Ms. Vimla Rangaswamy

EDITOR 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 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.

NEWS

INDIAN GEOGRAPHERS MEET, Raipur

The XVth annual conference of the Institute of Indian Geographers
14-16 February, 1994

The XVth annual conference of the Institute of Indian Geographers was held at Raipur from 14th to 16th Feb. 1994. Hosted by Pt. Ravishankar Shukla University under the patronage of professor L.R. Kashyap, the Vice Chancellor of the University, it was the largest ever attended conference of the Institute. Much of the credit for the success of the conference goes to Professor H. S. Gupta, the Head, School of Studies in Geography, who was the moving spirit behind inviting, organising and successfully conducting the conference.

The conference was inaugurated by Dr. T.N. Khoshoo, a distinguished scientist and former secretary of the Ministry of Environment and Forests, Govt. of India. In his inaugural address Dr. Khoshoo presented in an outline the history of Environmental decay in India and emphasized the need for the preservation of environment, and conservation of biological diversity with which India is richly bestowed. In his introductory speech Professor Gupta laid stress on the role and importance of Geography particularly in the University programmes of a developing state like Madhya Pradesh, rich in economic resources and a cultural heritage that is unique. Divided into 13 technical sections, the conference attracted over 300 delegates from all over India.

The conference was particularly well attended by the Geographers of Madhya Pradesh, who discussed regional problems. Some of these

papers related to tribal realm were very enriching.

There were several special features of the conference. Besides a plenary session on Environment and Development, there were invited lectures on special themes. The most significant novelty of the Conference was the Young Geographers' Award. This consisted of certificates and prizes for the three best papers in terms of content methodology and presentation. The first, second & the third prize carried a cash amount of Rs. 2000/-, Rs.1500/- and Rs. 1000/- respectively.

Mention must be made of some very senior Geographers like Prof. R.L. Singh, Dr. Pramila Kumar, Prof. D. P. Agrawal and Professor Rai, who encouraged younger geographers with their rich experience. A word of praise must be said about the department of Geography of Pt. Ravishankar Shukla University. This is a fairly large & well developed department & has made good progress in the last two decades. Besides teaching upto postgraduate level, it has doctoral and project oriented research programme seriously undertaken & completed. Professor Gupta & his colleagues, by their skill, sincere efforts and a spirit of cooperation won the appreciation of all the participants as was witnessed in the valedictory function where those who spoke unfailingly admired the department & its

academic and administrative staff and expressed their thankfulness.

The Institute of Indian Geographers conveys its sincere thanks to Geography department of

Dr. Ravishankar Shukla University, its head, Professor Gupta and his Colleagues, and other members of the Staff and wishes the department, at the same time, a bright future.

NATIONAL CONFERENCE ON HUMAN ECOLOGY : ENVIRONMENT & QUALITY OF LIFE IN MIDDLE GANGA PLAIN

Department of Geography, University of Gorakhpur

The three day national conference on human ecology, environment and quality of life in middle Ganga Plain, which concluded here on 20th March 1994, has made valuable recommendations which could lead to a positive growth in the quality of life of the people of the area. It has emphasised the need of enhancing the proportion of literates, increase in the budget of family welfare and health facilities for this region besides an environmentally sustainable programme to control the flood and minimize the waterlogged area of this flood-prone region. It, however, maintained that environmental ethics among the rulers and planners should be inculcated by promoting discourse on this theme upto the village level by the NGO's.

The conference was inaugurated by Dr. Masood Ahmad, the Education Minister of U.P. In his speech, Education Minister emphasised the need of change in the thinking and behaviour of well off persons towards society's downtrodden as well as the poor. He further remarked that though natural environmental factors were directly responsible for the living condition and standard of living of people of a given region, yet creation of a congenial social environment is also crucial to people's happiness. Hence in analysing quality of life consideration of 'total environment' must be essential. He was, therefore, hopeful that scholars gathered here,

would adhere to the holistic approach of thinking to make the deliberations fruitful to the society as well as to the planners.

The inaugural function started with the welcome address of Dr. Hira Lal Yadav, a Reader in Geography and Convener of the Conference, who remarked that human ecology was not simply a man-environment relationship but it was about the integrated wholeness of man's relationship to human society and natural environment. It was concerned with quality of life in relation to overall development. The purpose of the conference, he said, was also to concentrate on the propagation of awareness of quality of life centering around regional problems.

While propagating the theme of the conference, Prof. J. Singh, Head, Geography Department, Stated that the quality of life is measured on three basic ingredients, which include infant mortality, longevity and literacy. All these three factors in their wholeness determine the physical quality of life of any given region.

Prof. V. S. Pathak, Vice-Chancellor of Gorakhpur University who presided over the function, told that while entering into twenty first century, the humanity holds many challenges. Now the life of the people has been threatened by ecological problems created by man himself. Destruction of forests and

deterioration in the quality of environment including the resources of water and food, threatens the very existence of life on this earth. He emphasised the need to inculcate traditional values and ethical norms among the masses as well as those who matter in governing the people.

The Conference discussed a variety of themes on a period of three days ranging from eco-friendly technology to population pressure & voting behaviour of people.

During the valedictory function Dr. S.K. Dikshit, Secretary, presented a summary of the three days academic activities of the Conference. Dr.K.N. Singh read out the recommendations of the conference which were finalized after a parawise discussion by

the delegates. On the last day afternoon a field study tour of ecological importance was organised for the delegates.

This conference was organised under the auspices of North India Society for Human Ecology (SNE-N. India) recognised as CHEC (Commonwealth Human Ecology Council) India's U.P. Chapter, in the Department of Geography, University of Gorakhpur from March 18-20, 1994. Major financial supports were received from Dr. Rajendra Yadav, Executive Engineer, Rural Engineering Services-Deoria and Gorakhpur, Sri Mamraj Singh, IAS, Administrator, Gorakhpur City Corporation, Major M.P. Singh, CPRO, NE Rly, Gorakhpur and Sri J.K. Jaiswal, M.L.A. Pipraich Constituency.

Dr. Hiralal Yadav
Convener of the Conference
