

# POPULATION GEOGRAPHY

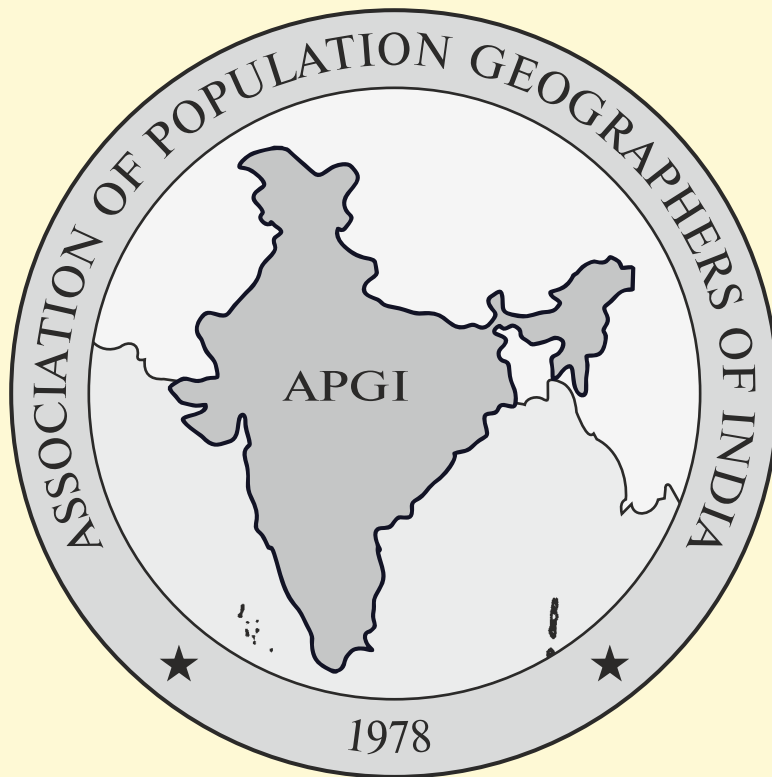
Journal of Association of Population Geographers of India

Volume 44

Number 2

December 2022

---



Department of Geography  
Panjab University, Chandigarh-160014

# ASSOCIATION OF POPULATION GEOGRAPHERS OF INDIA

(Registered under Societies Act XXI of 1850 No. 460 of 1978-79)

Visit us at [www.apgin.org](http://www.apgin.org)

Contact us at [populationgeographyindia@gmail.com](mailto:populationgeographyindia@gmail.com)

## EXECUTIVE COMMITTEE, 2021-2023

		Contact Number
President	Gopal Krishan	9878714715
Senior Vice President	R.C. Chandna	9815219390
Vice President	Swarnjit Mehta	9779172902
Secretary	Krishna Mohan	9915367013
Senior Joint Secretary	DhianKaur	9988881451
Joint Secretary	GauravKalotra	9872979948
Treasurer	Sucha Singh	8427756064

## Members Executive

Ajay Kumar (Chandigarh)	8054225712	Sanjeev Sharma (New Delhi)	9418613054
B.Hemamalini (Visakhapatnam)	9440316459	Shashi Kanta Sharma (Chandigarh)	9988813458
Inderjeet Singh (Jammu)	9906007392	Shiv Rai Puri (Chandigarh)	9855991107
K. Surjit Singh (Panchkula)	9215014411	Sodhi Ram (Chandigarh)	9814091812
O.P. Sarna (Chandigarh)	9888737310	Prabir Kumar Rath (Goa)	9423307222
Pawan K. Sharma (Chandigarh)	9872800746	Srikumar Chattopadhyay (Thiruvananthapuram)	9447740604
R.P. Mishra (Sagar)	9425437222	Vishwa B. Singh (Chandigarh)	9872833637
Ravinder Kaur (Chandigarh)	9876240919		
Ravindra Jaybhaye (Pune)	9822830771		

## Subscription Rates

Subscription should be paid in cash/bank draft/cheque drawn in favour of Secretary, Association of Population Geographers of India, C/o Department of Geography, Panjab University, Chandigarh 160 014 (India). For digital transfer, our bank details are: Account No.10444984007, Account Name: ASS OF POP GEO OF INDIA, State Bank of India Sector 14, Chandigarh, IFSC Code:SBIN0000742

See the inside of the back cover of the note to contributors.

The subscription rates with effect from 1.04.2021 are as follows:

### Individual Member

### Institutional Member

	Domestic	Foreign	
		Direct	Through Agency
<b>Life Member</b>	<b>Annual</b>		
Rs.5000.00 or U.S. \$ 500.00	Rs. 3000.00	U.S. \$ 150.00	U.S. \$ 150.00
<b>Annual Member</b>	<b>Permanent</b>		
Rs. 1000.00 or U.S. \$ 200.00	Rs.15,000.00	U.S. \$ 1200.00	U.S. \$ 1200.00
<b>Student Member</b>			
Rs. 500.00 or U.S. \$ 50.00			

BACK NUMBERS: **Institutions:** Domestic; Rs. 800.00, Foreign: US \$ 90.00 per volume – Direct or US \$ 100.00 per volume - through Agency

**Life Members:** Indian; Rs. 400.00 per volume, Foreign Resident; U.S. \$ 50.00 per volume

**Individuals:** Indian; Rs. 600.00 per volume, Foreign Resident; US \$ 75.00 per volume

Note (i) A discount of 20.0 per cent is allowed to domestic booksellers/agencies irrespective of the number of copies ordered, for domestic institutions only. No discount is allowed to institutional membership for a single copy.

(ii) Foreign agencies shall be given a discount of only 5.0 per cent on each subscription.

(iii) Additional U.S. \$ 10.00 shall be charged from foreign institutions for sending Journal by Air Mail.

All the correspondence concerning Membership of APGI and subscription to the Journal should be addressed to: **Professor Krishna Mohan**, Secretary, Association of Population Geographers of India, C/o Department of Geography, Panjab University, Chandigarh- 160 014 (India). Email: [populationgeographyindia@gmail.com](mailto:populationgeographyindia@gmail.com)

# POPULATION GEOGRAPHY

Journal of Association of Population Geographers of India

---

Volume 44

Number 2

December 2022

---

## EDITORIAL BOARD, 2021-25

### **Editor-in-Chief**

K.R.Dikshit, Formerly Professor and Head, Department of Geography, S.B.P. Pune University, Pune, Founder President, IIG, Pune; Email: krdikt@gmail.com

### **Editor**

Surya Kant, Email: surya.kant1949@gmail.com

### **Managing Editor**

Simrit Kahlon, Professor of Geography, Panjab University, Chandigarh.  
Email: bonnie\_kahlon@yahoo.com

### **Sectional Editors**

#### **A: International Migration**

David G. Dickason, Professor Emeritus and Founder-Director, W.E. Upjohn Centre for the Study of Geographical Change, Western Michigan University, Kalamazoo, U.S.A.;  
Email: david.dickason@wmich.edu

#### **B: Social and Ethnic Studies and Population Change**

Mehar Singh Gill, Formerly Professor and Head, Department of Geography, Punjabi University, Patiala (Punjab), and Visiting Professor, University of Malaya, Kuala Lumpur, Malaysia,  
Email: msgill9@gmail.com

#### **C: Population and Development**

Nina Singh, Formerly Professor of Geography, Dean Academic Affairs and Dean Faculty of Social Sciences, M.D. University, Rohtak. Email: ninasingh99@gmail.com

#### **D: Population Ageing and Gender Studies**

Smita Bhutani, Professor and Former Head, Department of Geography, Panjab University, Chandigarh, Email: prof.smitabhutani@gmail.com

#### **E: Population and Food Security**

Navneet Kaur, Associate Professor, Department of Geography, Panjab University, Chandigarh. Email: naveet\_pu@yahoo.co.in

#### **F: Cartographic Design and Advice**

Mohan Singh, Ex-Senior Scientific Officer, Department of Geography, Panjab University, Chandigarh. Email: mohan5767@gmail.com



This issue of the Journal is dedicated to Professor Surya Kant (14 December 1949–19 March 2023)

# POPULATION GEOGRAPHY

ISSN No.0256-5331

Volume 44

Number 2

December 2022

## CONTENTS

<b>Sikhs in India Outside Punjab</b> Himadri Banerjee	<b>1-14</b>
<b>Spouse Selection Practices in India: A Spatial View</b> Nivedita Paul <sup>1</sup> and Bhaswati Das	<b>15-29</b>
<b>State Formation and Urbanisation: A Study of Jharkhand State using Nighttime Light Data (1992-2012)</b> Mohit Kesarwani, Bhawna Bali, Neeti Neeti <sup>1</sup> , Benoit Parmentier	<b>31-46</b>
<b>Quality of Life at the Micro-Scale: A study of Sangrah Development Block (Himachal Pradesh)</b> Puran Chand and B.R. Thakur <sup>1</sup>	<b>47-64</b>
<b>Experience of Public Healthcare System in Recovery of Covid-19 Pandemic: District Level Evidences from Madhya Pradesh</b> P. K. Sharma <sup>1</sup> and D. Tiwari	<b>65-74</b>
<b>Child Malnutrition and its Association with Socio-Demographic Determinants: A Case Study of Baruipur Block, South 24 Parganas, West Bengal</b> Shovan Ghosh and Ananya Kaya <sup>1</sup>	<b>75-88</b>
<b>From Lockdown to Loneliness: The Plight of Elderly People in South Kolkata of Kolkata Municipal Corporation, West Bengal</b> Sramana Maiti <sup>1</sup> and Shovan Ghosh	<b>89-104</b>
<b>Determinants of Age of Marriage in Saiha District, Mizoram</b> K.C. Lamalsawmzauvauva <sup>1</sup> and Samuel R. Vanlalruata	<b>105-115</b>
<b>Geo-Reflections: Indian 'Urban' Classification at Crossroad</b> Gopa Samanta	<b>117-124</b>
<b>Geo-Reflections: Cartographic Traditions, Innovations and Revolutions: The Arrival of Digital Cartography in India</b> K. R. Dikshit	<b>125-136</b>

---

<sup>1</sup> Corresponding Author