

XIII International Geographical Union (IGU)-India

International Conference on

Heading towards Zero: Sustainable Development in Economy, Environment and Society

October, 19th -21st, 2019

Convener

Dr. Kheraj

Department of Geography

School of Earth, Environment and Space studies

Central University of Haryana

Mahendergarh-123031

Tentative Programme Schedule

Date: 19.10.2019 (Saturday)

08:00-10:00 am- Registration of the Delegates

10:00- 11:15 am- Inaugural Session

Venue: Prof. Moolchand Sharma Auditorium

Keynote Address: Prof. Yukio Himiyama, President, IGU,
Hokkaido University of Education, Japan

11:15-11:30 am- Tea Break

11:30-12:30 pm- Panel Discussion

12:30-01:00 pm- Recent Trends of Mapping and Their Application

1:00-2:00 pm- Lunch Break

Technical Session Venues (for all) - Academic Block IV, Department of Geography, CUH

Day-1, Technical Session-I, Venue I- Academic Block-4, CUH

Time: 2:00-03:15 pm, **Date:** 19.10.2019 (Saturday)

Subtheme I- Geographical Perspective to Achieve Sustainable Development Goals

Sr. No.	Title of the Paper	First Author's Name, Designation and Affiliation	Co-authors' Name, Designation, institution
1.	Contemporary threats to sustainable development of the Bering Strait coastal communities	Alexey Maslakob, Faculty, Dept. of Geography, Lomonosov Moscow State University, Moscow, Russia	-
2.	Kutch Region: A Potential Site for UNESCO Global Geopark status	Vipin Chandra Lal, Department of Geography, Delhi School of Economics, University of Delhi	Vishwa Raj Sharma, Department of Geography, Shaheed Bhagat Singh College, University of Delhi
3.	Spatialization of Geo-Economics and Development – A geographical perspective	Sajad Ahmad Mir, Ph. D. Research Scholar, Department of Geography, University of Kashmir	Shahbaz Bhat, Peer Jeelani, Ph. D. Research Scholars, Department of Geography, University of Kashmir
4.	Space Environment and Epistemic Geographies of Sustainable Development – A Radical perspective	Sajad Ahmed Mir, Ph.D. Scholar, Department of Geography and Regional development University of Kashmir, Srinagar, India	Saleem Ahmad Wani, Shafkat Ehsan Waseem, Ahmad Bhat, Ph.D. Scholar, Department of Geography and Regional development University of Kashmir, Srinagar, India
5.	Taking India to a Super Soft Power League Beyond Future: Rebranding Geography	K. Siddhartha, New Delhi	-
6.	Measurement of Decoupling Between GDP and Emission in China	Satrajit Dutta, Assistant Professor, Gorubathan Government College, WB	-
7.	Bio- geographical investigation of Wetlands of Uttarakhand Himalaya	Prof.Mohan Singh Panwar Professor Department of Geography School of Earth Sciences HNB Garhwal University (A Central University) Srinagar (Garhwal)-	
8.	Sustainable Economic Development With Tourism & Media Spatial Reference To Jaipur City, Rajasthan	Bhavesh Department of Geography Central University of Haryana	Mohit Jangir, Parag Jyoti Kashyap,Vikrant kumar Dr. Kheraj Central University of Haryana,

Day-1, Technical Session-II, Venue II- Academic Block-4, CUH**Time:** 2:00-03:15 pm, **Date:** 19.10.2019 (Saturday)**Subtheme II- Sacred Cultural Landscape**

Sr. No.	Title of the Paper	First Author's Name, Designation and Institution	Co-authors' Name, Designation, institution
1.	The Kali Temple and Darbhanga house (Patna university)- An attempt at Analysis of a Sacred Cultural Landscape	Ankit Anand, Student, M. A. Sem III, Deptt. Of Geography, Patna University	Kundan Kumar, Research Scholar, Deptt of Humanities and SS, IIT, Patna.
2.	Traditional Plant and Shrub Used by the Gujjar and Bakarwal Tribe of District Poonch, Jammu and Kashmir	Raiz Ahmed, Dept. of Geography, HNB Garhwal University Srinagar Uttarakhand	-
3.	Sustainable development practices in the Tourism and Hospitality Industry: A Case study of the Garhwal Himalyan region of Uttarakhand	Dr. Shivam Prakash Bhartiya, Assistant Professor, Dept. of Tourism, SoHSS, GD Goenka University	Ms. Madhu Kumari , Assistant Professor, Dept. of Hotel Management, Chandigarh University, kumarimadhu070@gmail.com
4.	Dynamics of Tribal Life and Strategies for Survival among the Dangis	Sushil Dalal, Associate Professor, Pt. Neki Ram Sharma Government Collage, Rohtak	
5.	Church as a Repository of Geo- historic past –A case study of Greater Mumbai	Dr. Charlotte Maria Braganza, Assistant professor, S.K. Somaiya College of Arts ,Science And commerce, Vidyavihar, Mumbai	-
6.	Understanding Strategies of Sustainable Development by Means of Oral History in Himachal Pradesh	Jourabh Yadav, Indian Institute of Technology Mandi, India	Suman Sigroha, Abba Rohith, Srividya Ramanathan
7.	Increasing Tourism: A threat to the ecological and environmental sustainability of Ladakh region	Arshad Ahmed, Research Scholar, University of Sikkim	Mansoor Ahmed, Research Scholar University of Jammu
8.	CULTURAL BELIEFS AND SPACE AMONG THE HILL KARBIS OF KARBI ANGLONG, ASSAM	Dr. Atur Kiri Ingti Assistant Professor Dept. of Geography, Assam University, Diphu Campus Diphu	

Day 1, Technical Session-III, Venue III- Academic Block-4, CUH

Time: 2:00-03:15 pm, **Date:** 19.10.2019 (Saturday)

Subtheme III- Land Use and Agriculture

Sr. No.	Title of the Paper	First Author's Name, Designation and Institution	Co-authors' Name, Designation, institution
1.	Salinity Status and its Association with Deforestation in Uttar Pradesh	Arvind Chauhan, Senior Research Scholar, JNU	Ratan Priya, Senior Research Scholar, JNU
2.	The Effect of Land Cover Change on Land Surface Temperature in Raigaon, Alipurduar District, West Bengal, India	Chiranjit Biswas, Junior Research Fellow, Department of Architecture Jadavpur University	-
3.	Employing Verticle Farming System for Better Land Use And Food Security	Rajesh Kumar, Dept. of Horticulture, CCS Haryana Agricultural University	Vikas Kumar and Rupali Sharma, Dept. of Horticulture, CCS Haryana Agricultural University
4.	Urbanization and Landuse/Land cover change of Udaipur city, Rajasthan	Poonam Arya, Research Scholar, JNU, New Delhi	
5.	Wheat Cultivation in Haryana-a Spatio-Temporal Study	Monika, student Suraj college	Kavita Saini, student Suraj college
6.	A time Series Analysis of Land Use/Land Cover Change with Impact on Land Surface Temperature	Samrin Fatema, Dept. of Remote Sensing & GIS Vidyasagar University, Midnapore, W.B.	Dr Abhisek Chakrabarty, Dept. of Remote Sensing & GIS Vidyasagar University Midnapore, W.B. ,
7.	The Land Use Efficiency: With Special Reference to Farrukhabad District (U.P.)	Ankush Kumar	-
8.	Assessment of Land Use/Land Cover Dynamics and Land Surface Temperatures over Eastern Rajasthan using Geospatial Techniques	Urmi Sharma, Assistant Professor, MLS University, Udaipur	Seema Jalan & Yogesh Kant Professor, MLS University, Udaipur Scientist 'S'E', MASD, IIRS (ISRO), Dehradun.
9.	Urban and Peri-urban Agro-ecosystems of Kolkata Metropolitan Area: Status and Sustainability	Mrinmoyee Naskar, Assistant Professor, Department of Geography, Baruiipur College, Baruiipur-743610, India	Debajit Datta, and Shrabana Mazumder Assistant Professor, Department of Geography, Baruiipur College, Baruiipur-743610, India
10	Cropping pattern, Crop diversification and Crop combination of the Kakodonga river basin, Assam	Rana Bora, Assistant Professor, Borholla College, Jorhat, Assam	Y.V.Krishnaiah Associate Professor, Department of Geography & Disaster Management, Tripura University (Central), Suryamaninagar
11	Quantitative Analysis of	Anurag Singh	

	Alluvial Channels of Central Ganga River Flood Plains, Uttar Pradesh	Research Scholar Discipline of Geography Indira Gandhi National Open University, New Delhi	
12	Impact of Land Acquisition on Agrarian Communities in Shadow of Delhi	Dr. Jitender Singh Assistant Professor Department of Geography Indira Gandhi University, Meerpur (Haryana)	

Day 1, Technical Session-IV, Venue IV- Academic Block-4, CUH

Time: 2:00-03:15 pm, Date: 19.10.2019 (Saturday)

Subtheme III- Land Use and Agriculture

Sr. No.	Title of the Paper	First Author's Name, Designation and Institution	Co-authors' Name, Designation, institution
1.	Land use and Agriculture Pattern in India: A Geographical Perspective	Preeti Devi, Student, M.A Geography 3 rd sem., Govt. College for Girls, Gurugram	Dr. Rajesh Kumari, Assistant Professor, Department of Geography, Govt College for Girls, Gurgaon
2.	Sustainable Urban Growth and Modelling Land use/ Land cover Change (LULC) in Varanasi city	Sant Prasad, Research Scholar, Department of Geography, Delhi School of Economics, University of Delhi, India	R. B. Singh, Professor, Department of Geography, Delhi School of Economics, University of Delhi
3.	Analyses of Micro-Urban Heat Islands and Land Cover Changes: A Case study of Thiruvarur District	Ashique Vadakuvettill, Central University of Tamil Nadu	Aakriti Grover Central University of Tamil Nadu
4.	Assessment of land Resilience against Degradation from a farmers perspective approach in Kendujhar Plateau, Odisha	Rajesh Kumar Abhay, Department of Geography, Dyal Singh College, Delhi University	-
5.	Land Use/Land Cover Change Detection in the Context of Urbanisation of Gurugram City, Haryana	Indraj, Research Scholar, Discipline of Geography, IGNOU, Maidan Garhi, New Delhi	Dr. Vishal Warpa (Assistant Professor, IGNOU)
6.	Impact of Land Use and Land Cover Changes on Land Surface Temperature (LST) and Normalized Difference Water Index (NDWI) in Mahendragarh District, Haryana (1999 -2016).	Swati Thakur, Assistant Professor, Dayal Singh College, DU	-
7.	Mine fire and land use/land cover	Nidhi Rani, Birla Institute of	Akhouri Pramod Krishna

	Change assessment of Jharia coalfield area using Geoinformatics	Technology (BIT), Mesra, Ranchi	
8.	Land Use and Agriculture in Patna Division	Dr. Satyendra Singh Chandra, Head Master (Incharge), Middle school, Khaira, Tekari, Gaya, Bihar	-
9.	Analysis of change in Agricultural land use and land holdings in India: A Geographical Analysis	Dr Hardev Singh Assistant Professor Department of Geography, University of Jammu	

Day 1, Technical Session-V, Venue V- Academic Block-4, CUH

Time: 2:00-03:15 pm, **Date:** 19.10.2019 (Saturday)

Subtheme IV- Food System and Technology

Sr. No.	Title of the Paper	First Author's Name, Designation and Institution	Co-authors' Name, Designation, institution
1.	The Challenges in the Grain Storage-A Review	Sandeep Bhardwaj, Assistant Professor, Civil Engineering, Haryana Agricultural University, Hisar	Rupali Sharma, Research Associate, Dept. Of Horticulture HAU, Hisar
2.	Diversification of Indian Diet and Changing Macro-Nutrient Consumption Pattern	Shweta Zala, Ph.D. Scholar, Jawaharlal Nehru University, New Delhi	-
3.	Sustainable food system and use of technology: access and utilization of public distribution system in Moradabad district Uttar Pradesh	Mohd Toufееq Ahamd, Research Scholar, CSRD, JNU, NEW DELHI	-
4.	An Analysis of Interrelation between Conflict and Food Security in Africa	Dr. Intikhab Ahmad, Assistant Professor, Dyal Singh College, University of Delhi New Delhi	-

Tea Break: Time: 3:15-03:30 pm, **Date:** 19.10.2019 (Saturday)

Day-1, Technical Session-VI, Venue 1- Academic Block-4, CUH

Time: 3:30-5:00 pm, Date: 19.10.2019 (Saturday)

Subtheme V- Pollution and Urban Health

Sr. No.	Title of the Paper	First Author's Name, Designation and Institution	Co-authors' Name, Designation, institution
1.	Alternatives to traditional services as a way for sustainable urban development: The example of pick-up points in Gdansk	Dr. Grazyna Chaberek, Spatial Management Department University of Gdansk, Poland	-
2.	Development, Energy Use and Urban Sustainability Challenges in India: A Critical Perspective	Kapil Kumar Gavsker, Assistant Professor, Department of Applied Geography School of Regional Studies and Earth Sciences, Ravenshaw University Cuttack (Odisha)	-
3.	Air Pollution and Public Health: The Challenges for Delhi, India	Anjali Yaduwanshi, Research Scholar, Earth Science Department, Banasthali Vidyapith, Newai	Jyoti Kaushik, Research Scholars, Earth Science Department, Banasthali Vidyapith, Newai,
4.	Characterization of Dust Particles from Tree leaves as an Indicator of Air Pollution in ULB (urban local bodies): A case study on Barracpore Subdivision.	Sandipta Das, Mangalore University, Mangalagangothri-574199, India	Dasaratha P. Angadi
5.	Industrial Development Environment Degradation in Sagar Janpad	Haridas Ahirwar, Department of Geography, Govt. M.G.P.G College Itarsi, M.P	
6.	Ecological Analysis and Air pollution status in Alwar District Rajasthan	Dr. Harish Samaria, Post Doctor Fellow, Department of Geography , University of Rajasthan	-
7.	Human Health and Wellbeing: Health Effects of Air Pollution	Prof. Dr. S.C. Advitot, Head, Dept. of Geography, CBK's B. Sc. R.V.Com. & RJ Arts College, Akkalkot Solapur, Maharashtra, India	-
8.	Assessment of urban growth and green space using multi-temporal land-use transition model: A study in Kolkata Municipal Corporation (KMC) , West Bengal	Shantanu Dinda, Geography Department, Vidyasagar University, Midnapore, West Bengal	Subrata Ghosh, Dr. Nilanjana Das Chatterjee, Associate professor, Geography Department, Vidyasagar University, Midnapore, West Bengal

9.	Inter-seasonal variation of aerosol optical depth in parts of national capital region (NCR), India	Vipasha Sharma, Amity Institute of Geoinformatics and Remote sensing (AIGIRS), Amity university, NOIDA	Swagata Ghosh, Haryana space Application Centre node, Gurugram Sultan Singh,
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Day-1, Technical Session-VII, Venue II- Academic Block-4, CUH

Time: 3:30-5:00 pm, Date: 19.10.2019 (Saturday)

Subtheme V- Pollution and Urban Health

1	Study of Seasonal Variation of Soil Parameters and its Quality around, Essar Mahan thermal power plant in Singrauli dist. Madhya Pradesh	Maya Kumari, School of Environmental Management, Guru Govind Singh Indraprastha University, New Delhi	Kiranmay Sarma, Guru Govind Singh Indraprastha university New Delhi Richa Sharma, Amity School of Natural Resources & Sustainable Development Amity Uni. NOIDA, UP
2	Impact on environment of Cyclical marketing centers of district Banda(U.P): A geographical study	Dinesh Baboo, Researcher, A.P.S. University Rewa (M.P)	-
3	Planning for household and municipal solid waste management in Mainpuri city	Mohini Saran, Research scholar, Banasthali vidhyapith, Rajasthan	-
4	A study on household Carbon emission pattern in Guwahati City, Assam, India	Parag Kumar Sahariah, Research Scholar, Cotton University, Assam	Dr. Parijat Borgohain, Associate Professor, Cotton University, Assam, India
5	Spatial Distribution of Health Care Facilities in Bihar: A Inter-District Analysis	Alpana Kumari, Research Scholar, Discipline of Geography, IGNOU, New Delhi	Vijay Kumar Baraik Associate Professor, Discipline of Geography, IGNOU, New Delhi M.S. Nathawat Professor, Discipline of Geography, IGNOU, New Delhi
6	AN APPROACH FOR ASSESSING URBAN BLUE-GREEN SPACES WITHIN THE URBAN AREAS	Sunita, Project Fellow, Amity Institute of Geo informatics & Remote Sensing (AIGIRS), AMITY University, Sector 125, Noida – 201303, Uttar Pradesh	Dr. Deepak Kumar Amity Institute of Geo informatics & Remote Sensing (AIGIRS), AMITY University, Sector 125, Noida – 201303, Uttar Pradesh, India
7	DOMESTIC SOLID WASTE MANAGEMENT IN PANCHKULA, HARYANA: A GEOGRAPHICAL STUDY	Dimple Senior Research Fellow Punjab University, Chandigarh	

8	Water Quality, Scarcity Problems and its Sustainability in Delhi: A Case Study of Shahadara Region	Dr. Anand Malik Associate Professor SSN College, University of Delhi	
9	Sanitation Facilities among Slums in Haryana	Kuldeep Malik Associate Professor Pt. Neki Ram Sharma Govt. College, Rohtak, Haryana	Jogender Khokhar, Associate Professor, Jat College, Rohtak, Anil Kumar, Associate Professor, Pt. NRS Govt. College, Rohtak Joginder Singh, Assistant Professor, Pt. NRS Govt. College, Rohtak

Day 1, Technical Session-VIII, Venue III- Academic Block-4, CUH

Time: 3:30-5:00 pm, Date: 19.10.2019 (Saturday)

Subtheme VI- Health and Well being

Sr. No.	Title of the Paper	First Author's Name, Designation and Institution	Co-authors' Name, Designation, institution
1.	Disease and Rural Health in Bathinda, Punjab: A Geo-Health Analysis	Amandeep Singh, Dept. of Geography, Delhi School of Economics University of Delhi	Dr. L.T. Sasang Guite, Dept. of Geography, Delhi School of Economics University of Delhi
2.	Socio-Economic Determinants and Non-communicable Diseases in the context of Epidemiological Transition in India.	Menka Kumari, Senior Research Scholar, JNU, New Delhi	
3.	Distribution of fluorosis among school going children and its correlation with water fluoride in the villages of Mahendergarh district	Sucheta Yadav, NRS, Govt. College, Rohtak	Sudhir Kumar Bansal MDU Rohtak, Sunil Kumar Dept. of EVS, DU,
4.	Health status of Elderly in the Context of Sustainable Development; A Comparative study of Tamilnadu and Punjab.	Jyoti Yadav, Research Scholar, JNU, New Delhi	
5.	Implications of Climate Change on Climate-Sensitive	Dr. Harshita Upadhyaya, Head Department of Geography, IIS	-

	Human Health: A Perception Study in Rajasthan State, India	(deemed to be University), Jaipur	
6.	An Investigation To The Levels Of Human Development, Contraceptives' Usage And Maternal Health In Uttar Pradesh	Divyanshi Singh, Research Scholar, IGNOU, New Delhi	-
7.	Maternal and Child Health in Assam	Parishmita Dutta, Rajiv Gandhi National Institute of Youth Development	Aniruddha Bora, Public Health Resource Network, raja.bora1@gmail.com
8.	Identification and Prevalence of water borne disease in Muktsar district of Punjab, India	Amritpal Singh, Research Scholar, Department of Geography and Geology , Central University of Punjab	Dr. L.T. Sasang Guite, Assistant Professor, Department of Geography and Geology , Central University of Punjab
9.	Health Amenities in Urban Region of Gurugram, Haryana (India)	Priyanka Chaudhary, M.A. (F) Year (3 rd Semester) student, Department Of Geography, Govt. College For Girls, Sector- 14, Gurugram, Haryana- India	Dr. Rajesh Kumari, Assistant Professor, Department Of Geography, Govt. College For Girls, Sector- 14, Gurugram, Haryana India,
10.	Cancer Mortality In Srinagar City	Dr. G. M. Rather, Department Of Geography, University Of Kashmir, J&K	Arshad A. Lone, Mushtaq A. Kumar

Day 1, Technical Session-IX, Venue IV- Academic Block-4, CUH

Time: 3:30-5:00 pm, Date: 19.10.2019 (Saturday)

Subtheme VI- Health and Well being

11.	Investigating The Status Of Malnutrition In Jhalda-I Community Development Block of Purulia District, West Bengal	Mrinal Mandal, Assistant Professor, Department of Geography, Sidho-Kanho-Bishra University, Purulia West Bengal	Manas Karmakar Research Scholar, Dayamoy Mandal Research Scholar, Monali Banerjee Debases Ghosh Associate Professor, Department of Geography, University of Calcutta, West Bengal
12.	Pattern of Diseases in Urban Area – A Case Study of Srinagar City, Jammu and Kashmir	Arshad A. Lone, Research Scholar, Department of Geography and Regional Development, University of Kashmir	Dr. G. M. Rather, Sr. Assistant Professor, Prof. M. Sultan Bhat, Professor And Head, Department of Geography And Regional Development, University Of Kashmir
13.	Health and Wellbeing of Ageing Population: A	Dr Vinod Kumar, Assistant Professor, Department of	Surendra Kumar, Ph.D. fellow, CSRD, JNU

	Pragmatic study on Ageing Population in Brij Uttar Pradesh, India.	Geography, BRAC. DU	
14.	Drinking water conditions and susceptibility to health of the slum dwellers in Aligarh city, Uttar Pradesh	Mohd. Kaish, Lecturer, Banasthali Vidhyapith, Tonk, Rajasthan	-
15.	मधुबनी जिला के स्त्री पुरुष लिंगानुपात की भौगोलिक अध्ययन	□□° □□□ □□□□ □□□□□, अध्यक्ष स्नातकोत्तर भूगोल विभाग, आर० के० कॉलेज, मधुबनी	
16.	RISK OF MICROBIAL DISEASES IN INDIAN AGRICULTURAL WORKERS	Shiva Department of Pharmaceutical Sciences, Guru Jambheshwar University of Science and Technology	
17.	Awareness and accessibility of health initiatives among the migrants in slums of Jaipur city, Rajasthan	Harish Kumar Meena Assistant professor NCERT, New Delhi	
18.	Geographical Distribution of Malaria in Bharatpur District	Devendra Kumar Sharma Research Scholar Department of Geography, Raj Rishi Bhartrihari Matsya University , Alwar (Raj.)	
19.	Differentials in the Advices about Health Services by Background Characteristics of Olders	Dr. Bhairu Lal Yadav Visva-Bharati University, Santiniketan	

Day 1, Technical Session-X, Venue V- Academic Block-4, CUH

Time: 3:30-5:00 pm, **Date:** 19.10.2019 (Saturday)

Subtheme VII- Education for Sustainable Development

Sr. No.	Title of the Paper	First Author's Name, Designation and Institution	Co-authors' Name, Designation, institution
1.	Analysis of Quality Education in Government in Senior Secondary Schools of Kanina Block, Mahendergarh	Pulkit, Student, Department of Geography, Central University of Haryana.	Krishan Kumar, Research Scholars, CUH Dr. Kheraj Assistant Professor, Department of Geography, CUH
2.	Assessing Elementary Education in Madhya Pradesh: How inclusive is it?	Dr. Sanjay Kumar, Assistant Professor, Department of General & Applied Geography, Central University, Sagar-470 003 (Madhya Pradesh)	Dr. H.S. Gour Central University, Sagar-470 003 (Madhya Pradesh)
3.	Three dimensional nature of Education for sustainable development	Poonam Kumari, Research Scholar, Department of Education, Central University of Haryana	
4.	A Systematic Review on Education For Sustainable Development With Special Reference To Education Aspects	Shahzad Chowdhary, Research Scholar, Department of Political Science, Hemwati Nandan Bahuguna Garhwal University,	
5.	Spatial Distribution of Educational Institutions for Sustainable Education in Reasi District, Jammu and Kashmir	Renu Sharma, Department of Geography and Geology, Central University of Punjab, Bathinda	Dr. L. T. Sasang Guite, Department of Geography and Geology, Central University of Punjab, Bathinda
6.	Analysis of Literacy Level and Climate Change Perception of Rural Maize Farmers in Lere Lga Of Kaduna State	Lawrence Ejeh, Research Scholar, Federal university Gashua, Yobe state, Nigeria	-
7.	Dropout in Primary and Upper Primary Education: A Case Study of Rajasthan State	Riyanka, Research Scholar, School of Earth Science, Banasthali Vidyapith, Banasthali (Rajasthan)	Dr. Rashmi Sharma Associate Professor, School of Earth Science, Banasthali Vidyapith Banasthali (Rajasthan)
8.	Sustainable Development: Teaching through Education and the Study of Geography	Dr. Nidhi Singh, Assistant Professor, Central Institute of Educational Technology (CIET), NCERT, New Delhi	-
9.	Locating Space for Geography in the Draft National Education Policy, 2019: Policy Interventions for the Inclusive Society	Navdeep Kaur, Assistant Professor, Mata Gujri College (Autonomous), Fatehgarh Sahib, Punjab	-

Day 1, Technical Session-XI, Venue VI- Academic Block-4, CUH

Time: 3:30-5:00 pm, Date: 19.10.2019 (Saturday)

Subtheme VII- Education for Sustainable Development

1	Environmental Education in	Dr. Soyhunlo Sebu, Assistant	-
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	chool syllabus: A case study on Rural schools under Kohima District	Professor, Regional Institute of Education, Bhopal (NCERT)	
2	Education and Environmental Sustainability in Haryana	Dr. Meenakshi Assistant Professor C.D.L. University, Sirsa	
3	Decadal Trends of Literacy Differentials in Jammu District 1981-2011	Dr.Gagan Deep Lecturer GGM Science College Jammu	
4	Quality In Higher Education Special Reference To Mahendergarh District	Sunita Yadav Student Central University of Haryana, Mahendergarh	Poonam Shekhawat (Student), Dr. Kheraj (Assistant Professor) Central University of Haryana, Mahendergarh
5	Digital Education for Sustainable Development	Dr. Kiran Rani Assistant Professor School of Education, Central University of Haryana, Mahendergarh, Haryana, India	
6	Role of Education and Psychological well-being of learners for sustainable Educational development	Mrs. Archana Yadav Assistant Professor School of Education Central University of Haryana	
7	Role of Social and Emotional Skills in Promoting Psychological Well Being of Adolescents	Dr. Aarti Yadav Assistant Professor Central University of Haryana	Rekha Kadaiyan Ph.D Research Scholar, Central University of Haryana
8	Role of School Leadership Practices in developing Sustainable Organization	Parveez Ahmad Lone Research scholar Department of Education, Central University of Haryana	

Cultural Programme: Time: 06:00-07:00 pm

Dinner: Time: 07:30- 09:00 pm

Day 2, Technical Session-XII, Venue 1- Academic Block-4, CUH

Time: 10:00-11:15 am, Date: 20.10.2019 (Sunday)

Subtheme VIII- Spatial Information Technology and Sustainable Development Goals

Sr. No.	Title of the Paper	First Author's Name, Designation and Institution	Co-authors' Name, Designation, institution
1.	Potential of thermal infrared imaging of plant canopies as an irrigation scheduling technique for fruit crops	Vikas Kumar Sharma, Dept. of Horticulture, CCS Haryana Agricultural University	Anil Kumar Godara, Rajesh Kumar And Rupali Sharma, Dept. of Horticulture, CCS Haryana Agricultural University
2.	Sensors Based Precision Farming in Horticulture	Rupali Sharma, Dept. of Horticulture, CCS Haryana Agricultural University	A.K. Godara, Vikas Kumar Sharma and Rajesh Kumar, Dept. of Horticulture, CCS Haryana Agricultural University
3.	Morphometric analysis of Bhilangna River, Tehri district, Utrakhand using remote sensing.	Sourav Bhadwal, M.SC. Students, CUH, Mahendergarh	Rajat Kumar, M.Sc. student CUH Mahendergarh, Nitish Kumar, Dr. Naresh Kumar Verma, Dr. Pawan Kumar
4.	Kharif Season Crop Mapping of Pigeon Pea using Satellite based remote sensing techniques.	Chippy Pushpangathan, Central University of Karnataka, Kalaburagi, Karnatka, India	Prof. Ali Raza Moosvi, Central University of Karnataka, Kalaburagi, Karnatka, India
5.	A GIS based interpretation of the historical evolution of urban settlements in Mangalore city, India	Dhanraj K., Research Student, Mangalore University, Mangalagangothri, India	Dr. Dasharatha P. Angadi Associate Prof., Manglore University
6.	Morphometric Analysis For Soil And Water Conservation Of Dholbaha Watershed In Shivalik Foothills Of Punjab Using Geo-Spatial Technology	Surender Singh, PhD Scholar, Department of Geography, Lovely Professional University, Phagwara, Punjab, India	-
7.	Performance of Different Satellite Platforms in Stubble Burning Area Estimation	Surender Kumar, Haryana Space Application Center, CCS Haryana Agricultural University, Hisar, India	Sonu Kumar, Chander Shekhar, Saroj, Nidhi Kundu Haryana Space Application Center, CCS Haryana Agricultural University, Hisar, India Department of Agro-meteorology, CCS 199Haryana Agricultural University. Hisar. India
8.	Risk Assessment Index & Its Mapping Of Tamil Nadu, India Using Scientific Tool INFORM	Dipak Prasad, M. Tech Geo-Informatics, Department Of Geography, School Of Earth And Atmospheric Sciences, University Of Madras	

Day 2, Technical Session-XIII, Venue II- Academic Block-4, CUH

Time: 10:00-11:15 am, **Date:** 20.10.2019 (Sunday)

Subtheme VIII- Spatial Information Technology and Sustainable Development Goals

1	Assessing the Effect of Landuse/Landcover Change on Streamflow using GIS and Hydrological Modelling.	Anamika Singh, Research Scholar, CESCRA, IARI, New Delhi	Nupur Bose, Adlul Islam
2	Object based vs. Pixel based classification; potential evolution in land cover change mapping.	Sunil Kumar, Amity Institute of Geoinformatics and Remote sensing (AIGIRS), Amity university, NOIDA	Swagata Ghosh, Haryana space Application Centre Gurgaon, Gurugram Sultan Singh,
3	Monitoring urban growth using remotely sensed Datasets for Sustainable Urban development	Priti Padmaja, Research Scholar, Civil Engineering dept., IIT, Roorkee	Sachidanand Singh Research scholar, water resource development and management, IIT Roorkee
4	Estimation of Forest Canopy Density by Using Geoinformatics Techniques: A Case Study of Kodaikanal Environment, Tamil Nadu	Dhanabalan SP, Research scholar, Bharathidasan university, Tiruchirappalli, Tamil Nadu	Prakash K*, Jegankumar R** Research scholar*, Associate professor and head**,
5	Digital Loneliness: Mapping Social Sustainability in India	Dr.Shekh Moinuddin Assistant Professor Centre for Culture, Media and Governance Jamia Millia Islamia	
6	Remote Sensing Data In Sustainable Development : A Case Study	Narayan Chopra Associate Professor Department of Geography, National Defence Academy, Khadakwasla, Pune	
7	“Morphology and characteristics of dunes of the Thar Desert”	Ravindra Kumar Meena Govt. Teacher Education Department Churu, Rajasthan	

Day 2, Technical Session-XIV, Venue III- Academic Block-4, CUH

Time: 10:00-11:15 am, **Date:** 20.10.2019 (Sunday)

Subtheme IX- Climate Change and Disaster Risk Reduction

Sr. No.	Title of the Paper	First Author's Name, Designation and Institution	Co-authors' Name, Designation, institution
1.	HiFLo-DAT: Indian Himalayan Flood Database, or Disaster Risk Reduction in the Kullu District	Dr. Richard Johnson, Bath Spa University, UK	R.B. Singh et.al
2.	Assessment of Eco-Environmental Vulnerability in Pombar Watershed of Tamil Nadu for Sustainable Environment	Venkatesh R., M. Tech, Geoinformatics, Department of Geography, Bharathidasan University, Tiruchirappalli -620024	Abdul Rahaman S** Masilamani P*** Jegankumar R*** Guest Faculty** Assistant Professor*** Department of Geography, Bharathidasan University, Tiruchirappalli
3.	Extreme climatic events in the territory of Russia during current climate change	Vinogradova V.V., Institute of Geography, Russian Academy of Science, Moscow, Russia	Titkova T.B.
4.	Towards sustainable coastal management: Analysing problems and mitigation strategies of coastal erosion – A case study of southern coastal Gujarat, India.	Ritika Prasad, Junior Research Scholar, Department of Geography, Lucknow University Lucknow	
5.	Effects of Climate Change on NCT Region	Simran Sehrawat, MA(F) Year, 3 rd Semester Student, Department of Geography, Govt. College for Girls, Gurugram, Haryana	Dr. Rajesh Kumari Assistant Professor, Dept. of Geography, Govt. College for Girls, Sector- 14, Gurugram, Haryana- India
6.	Climate Change in Punjab- Long-term Trends in Temperature and Rainfall	Shekhar Kumar, Ph.D Research Scholar School of Sciences, Indira Gandhi National Open University, New Delhi	
7.	Impact Of Climate Change On Eco-Hydrology And Sustainability In Alaknanda River Basin Western Himalayas, India	Bhindy Wasini Pandey, Department Of Geography, Delhi School of Economics, University of Delhi, Delhi	Rajesh Kumar Abhay, Abhay Shankar Prasad, Department Of Geography, Dyal Singh College, University Of Delhi, India,

Day 2, Technical Session-XV, Venue IV- Academic Block-4, CUH

Time: 10:00-11:15 am, Date: 20.10.2019 (Sunday)

Subtheme IX- Climate Change and Disaster Risk Reduction

1	Assessing Climate Change Vulnerability Of Bangladesh Using GIS Approach	Md Mujibor Rahman, Environmental Science Discipline, Khulna University, Khulna, Bangladesh	Md Golam Azam
2	Variation of land surface temperature in different urban development scenario: An evidence from Kolkata Urban Agglomeration, India	Subrata Ghosh, Geography Department, Vidyasagar University, Midnapore, West Bengal	Shantanu Dinda, Dr. Nilanjana Das Chatterjee (Associate professor) Geography Department, Vidyasagar University, Midnapore, West Bengal
3	Flood Vulnerability Mapping of Cuddalore District, Tamil Nadu	P. Ravikumar, Assistant Professor, Presidency College, Chennai	Dr. G. Bhaskaran (Assistant Professor) University of Madras
4	Ameliorating the effects of climate change using eco-friendly building materials	Pushpendra Pandey, University of Lucknow	Dr. Sangeeta Sachan, University of Lucknow
5	Climate Change and its adverse effects	Rajwinder Singh, Assistant Professor Isharjyot Degree College, Pehowa	
6	Problem of Flood Management Between India and Nepal: A Case Study of Kosi Floods	Gunjan Priya M Phil Centre for Inner Asian Studies, School of International Studies Jawaharlal Nehru University	

Day 2, Technical Session-XVI, Venue V- Academic Block-4, CUH

Time: 10:00-11:15 am, Date: 20.10.2019 (Sunday)

Subtheme X- Sustainable Regional Development and Planning

Sr. No.	Title of the Paper	First Author's Name, Designation and Institution	Co-authors' Name, Designation, institution
1.	Urbanization and Employment Oriented Male Migration in Uttar Pradesh	Arvind Chauhan, Senior Research Scholar, JNU	-
2.	Regional Disparities in the Levels of Development in Satnali Block, Mahendergarh district	Praveen Kumari, Research Scholar, CUH, Mahendergarh	Anju Research Scholar, CUH, Mahendergarh, Dr. Kheraj
3.	Underdevelopment, Decentralization and Women Empowerment: A Case Study of Mewat Region in Haryana	Naresh Kumar, Post Doctoral Fellow, Jawaharlal Nehru University, New Delhi	-

4.	Planning Regions for Balanced Regional Development of Punjab	Ripudaman Singh, Professor of Geography, School of Social Sciences and Languages, Lovely Professional University, Punjab	Anil Behl Lecturer in Geography, Department of Education (Secondary Education), Government of Punjab
5.	Transformation in Land Ownership of Tribal Communities in Rural Gujarat: A Post –Displacement Assessment of Sardar Sarovar Project Resettlement Sites, India	Dr. Gaurav Sikka, Assistant Professor, university Department of Geography, L.N. Mithila University, Bihar	-
6.	A Hybrid Approach for Sustainable Smart Cities Development	Ms Mandvi Misra, Junior Research Fellow, Amity Institute of Geoinformatics & Remote Sensing (AIGIRS). AMITY University, Sector 125, Noida - 201303, Uttar Pradesh, India	Dr Deepak Kumar ¹ Assistant Professor Amity Institute of Geoinformatics & Remote Sensing (AIGIRS). AMITY University, Sector 125, Noida, Uttar Pradesh, India, Dr Sulochana Shekhar ² Professor School of Earth Sciences, Central University of Tamil Nadu
7.	Trend of Urbanization in Sirsa District	Jyoti, Ex. Student, School of Earth Sciences, Banasthali Vidyapith, Rajasthan	Monika, Research Scholar, dept.of sociology, Banasthali Vidyapith, Rajasthan
8.	Dynamics Urban Expansion in Haryana: A Case Study of Narnaul City (1991-2011)	Mr. Satyender Kumar, Research Scholar, Janardan Rai Nagar Rajasthan Vidyapeeth University. Udaipur, Rajasthan	Dr. L.R. Patel Professor, Janardan Rai Nagar Rajasthan Vidyapeeth University, Udaipur, Rajasthan
9.	Changing Pattern of Population Distribution and Density: A Case Study of Banka District Bihar	Dr. Jitendra Tiwari, Ex. Research Scholar, Department of Geography, Magadh University, Bodh Gaya	-

Day 2, Technical Session-XVII, Venue VI- Academic Block-4, CUH

Time: 10:00-11:15 am, Date: 20.10.2019 (Sunday)

Subtheme X- Sustainable Regional Development and Planning

1	Delineation of Diara Villages and Assessment of their Development in West Champaran District of Bihar	Manendra Kumar, Research Scholar, Indira Gandhi National Open University, New Delhi	-
2	Assessing Transitions and Transects of Urban Blue Space for Smart City Development	Dr. Deepak Kumar, Assistant Professor, AMITY University, Sector 125, Noida, Uttar Pradesh, India	-

3	Traffic congestion as a major urban challenge for urban sustainability: a case study of the city of Patna	Md. Imran Rizvi <u>Research Scholar</u> <u>School of Sciences, IGNOU,</u> <u>New Delhi</u>	-
4	Sustainable Regional Development and Planning	Amit kumar Student Panjab University, Chandigarh	-
5	State Of Houses In The Planned City Chandigarh	RASHMI Student Dept. of Geography, Panjab University Chandigarh	-
6	Sustainability Of Smart City Mission In India	Rashmi Singh Research Scholar Department of Geography Delhi School of Economics University of Delhi	-
7	Defining Towns: A Comparative Analysis Of Criteria To Delineate Urban Areas	Malvika Poonia Ph.D Research Scholar, Department of Geography, University of Rajasthan	-
8	Assessing Transitions And Transects Of Urban Blue Space For Smart City Development	Dr. Deepak Kumar, Assistant Professor, AMITY University, Sector 125, Noida – 201303, Uttar Pradesh, India. deepakdeo2003@gmail.com, dkumar12@amity.edu	-

Day 2, Panel Discussion, Venue -Seminar Hall- Academic Block-4, CUH

Time: 11:30-01:00 pm, Date: 20.10.2019 (Sunday)

Lunch Break -1:00-2:00 pm

Day 2, Technical Session-XVIII, Venue Seminar Hall- Academic Block-4, CUH

Time: 02:00-03:15 pm, Date: 20.10.2019 (Sunday)

IGU Task Force For Young and Early Career Geographers (IGU-YECG)
Late Dr. Manju Singh Memorial Young Scientist Best Paper Award 2019

S.No.	NAME OF PRESENTER	TITLE OF PAPER
1.	<i>Ghazal Salahuddin Department of Geography Aligarh Muslim University</i>	Impact of Urban Climate Change on the Health and Well-being in the Megacity of Hyderabad
2.	<i>Saloni Deshpandey Indian Institute of Remote Sensing, Dehradun.</i>	Assessment Of Meteorological Droughts And Their Characterisation In Godavari River Basin Using Of Standardized Precipitation Index (Spi)
3.	<i>Arshad Ahmed Department of Geography, Sikkim University</i>	China's Economic Relations with Saudi Arabia
4	<i>Sandeep Jha LNMU Darbhanga</i>	An analysis of crop-diversification in different agro-ecological zones of Kangra District
5	<i>Dr. Rani Singh Department of Geography, University of Rajasthan, Jaipur, Rajasthan.</i>	Geospatial assessment of the ground water quality on diseases through health GIS in Phagi tehsil, Rajasthan, India
6	<i>Priti padmaja Civil Engineering Department, Indian Institute of Technology, Roorkee.</i>	Monitoring Urban Growth using Remotely Sensed Datasets for Sustainable Urban Development
7	<i>Dr. Rashmi Rani Anand Department of Geography, Shaheed Bhagat Singh College, University of Delhi.</i>	Assessing Urban Basic Services, Crime and Wellbeing in Low Income Housing of Shiv Vihar, JJ Colony, Delhi, India

Day 2, Technical Session-XIX, Venue I- Academic Block-4, CUH

Time: 02:00-03:15 pm, Date: 20.10.2019 (Sunday)

Subtheme XI- Population and Demographic Dividend

Sr. No.	Title of the Paper	First Author's Name, Designation and Institution	Co-authors' Name, Designation, institution
1.	Demographic changes in India and its Challenges	Ms. Hemlata, Assistant Professor, Dept. of Geography, JVMGRR College, Charkhi Dadri	-
2.	Changing Pattern of Population Distribution and Density: A Case Study of Banka Distt. Bihar	Dr Jitendra Tiwari, Ex Research Scholar, Deptt. Of Geography, Magadh University, Bodh Gaya	-
3.	Understanding Level of Active Ageing through Active Ageing Index: A Comparative Study of Maharashtra and Rajasthan state of India	Namrata Kumari, Ph. D., JNU, New Delhi	
4.	Female Work Participation in India: Position of Female Workers	Fasha Imran, Research Intern, Impact and Policy Research Institute (IMPRI), New Delhi	-
5.	Factors Affecting Use of Antenatal Care, Institutional Delivery and Maternal Mortality Ratio in India	Nalini Singh, Senior Research Scholar, Centre for the Study of Regional Development, Jawaharlal Nehru University	-
6.	Role of Demographic Dividend for the Sustainable Development of India	Saumya Singh, Research scholar, Indira Gandhi National Open University	
7.	Age Structural Transition in India	Mashkoor Ahmad, Assistant Professor, Department of Geography Aligarh Muslim University, Aligarh	-

Day 2, Technical Session-XX, Venue II- Academic Block-4, CUH

Time: 02:00-03:15 pm, Date: 20.10.2019 (Sunday)

Subtheme XI- Population and Demographic Dividend

1	Magnetic effect of population in Kolkata	Nabarun Jana, University of Mumbai	-
2	True Development Follows Only Our Virtue (A Case Study In The Perspective Of Jehanabad District Bihar)	Dr. Kaushalendra Kumar Singh, PGT Government School in Jehanabad District (Bihar), Government School In Jehanabad District (Bihar)	
3	Elder Abuse in Indian society	Dr. Sandeep, Assistant Professor, Central University of Haryana, Jant-	Prof. Masood Ahsan Siddiqui

		Pali, Mahendergarh, Haryana	
4	A Comparative Assessment of Demography Azadnagar, Audali & Tilpuri-1 (Udham Singh Nagar, Uttarakhand)	Shreya Akarshna, Research Scholar, CSRD, Jawaharlal Nehru University, New Delhi	-
5	Spatial Pattern of Sex-Ratio in Ghaghara-Rapti Doab from 1991-2011	<i>Dr. Shafiqur Rahman</i> Research Scholar <i>Dua Publisher, Jamia Nagar, New Delhi-25</i>	
6	International Migration in SDG Agenda: An Analysis of some selected States in India.	Dr. Naresh Kumar Assistant Professor Centre for Diaspora Studies, Central University of Gujarat, Gandhinagar, India	
7	UTILISATION OF ANTE NATAL CARE SERVICES AMONG EVER MARRIED WOMEN IN WEST BENGAL: ANALYSIS BASED ON NFHS-4	Saraswati Kerketta Assistant Professor Nistarini College, Purulia, West Bengal, India	

Day 2, Technical Session-XXI, Venue III- Academic Block-4, CUH

Time: 02:00-03:15 pm, Date: 20.10.2019 (Sunday)

Subtheme XII- Population Resource Dynamics

Sr. No.	Title of the Paper	First Author's Name, Designation and Institution	Co-authors' Name, Designation, institution
1.	Socio-Economic Condition of Farmers in Ward no.16 Kanina Panchayat Samiti	Krishan Kumar, Research Scholar, CUH	Pulkit, Research Scholar, CUH, Dr. Kheraj, Assistant Professor, CUH
2.	The impact of solar panels on the sustainable consumption of electricity in a cyber city (Gurugram)	Yogita Sharma, Research Scholar, (NET) Ext. lect. of Chemistry in H.L.G College, Tauru	-
3.	Jatropha Plantation in Semi - Arid (Barren) Zone of Haryana: A Geographical Analysis	Aman Deep Lamba, Research Scholar	-
4.	Factors Affecting Fruit Supply In The Market: The Case Study Of	Shahbaz Rashid, Research Scholar, Department Of Geography,	Dr Javeed Ahmad Rather (Sr. Assistant Professor),

	Kashmir Valley. J&K, India	University Of Kashmir, Srinagar, J&K	Fayaz Ahmad Lone (Research Scholar), Mohammad Shafi Bhat (Sr. Assistant Professor)
5.	Travel Behaviour Of Women To Markets In Some Rural Communities In Ayedaade Local Government Area of Osun State, Nigeria	Musilimu Adeyinka Adetunji, Federal University Lokoja, Faculty Of Arts And Social Sciences, Kogi State, Nigeria	-
6.	Climate variability and livelihoods: A Case Study of Dimapur District, Nagaland	Geeta Kumari, Research Scholar, Department of Geography, Jamia Millia Islamia	-
7.	Contribution of self-help groups in sustainable development	Jyoti Yadav, Research scholar, Dept. of Commerce CUH, Haryana, Mahendergarh.	Dr. Ravinder Kaur, Asst. Prof., Dept. of commerce, CUH Mahendergarh Haryana
8.	Spatio-Temporal shift agriculture workforce in Eastern Uttar Pradesh	Amit Kumar Chaurasia, Research Scholar, Discipline of Geography, IGNOU, New Delhi.	-

Day 2, Technical Session-XXII, Venue IV- Academic Block-4, CUH

Time: 02:00-03:15 pm, Date: 20.10.2019 (Sunday)

Subtheme XII- Population Resource Dynamics

1	Environmental vulnerabilities and the emerging issue of women trafficking: A case study in the Sundarban delta deltaic region of south -24 parganas, West Bengal	Priyanka Biswas, Dept, of Geography, & Environment Management Vidyasagar university, Mindnapore West Bangal	Dr. Nilanjana Das Chatterjee
2	Developmental debate Smart Cities or Smart Villages: A Critical Analysis	Tanisha Sharma, Department of Geography Central University of Haryana	Dr. Kheraj, TIC, Department of Geography Central University of Haryana
3	Multidimensional Poverty in Slums: A Spatial study of Varanasi city	Darshan Kumar Jha	V. K. Tripathi
4	Role of Anganwadi in Rural Development Under ICDS: A Study on Mahendergarh ICDS Block	Khushbu Kumari, Research Scholar, Central University of Haryana (Geography)	Dr. Kheraj (Assistant Professor and TIC) Central University of Haryana
5	Roll of Small Town in the Spatial Distribution of Population in Raebareli District, Uttar Pradesh: A Geographical Appraisal	Sajal Singh, Research Scholar, K.S. Saket P.G. College Ayodhya, Faizabad	
6	Population, Natural Resources and Search for Economic Sustenance in Birbhum District,	Monidip Mondal, Junior Research Fellow, Jawaharlal Nehru	Subhadeep Mondal, Junior Research Fellow, Jawaharlal Nehru

	West Bengal	University, New Delhi	University, New Delhi
7	Socio-Economic Causes Of Commuting Of Constructional Workers In Moradabd City: A	Nazish Naz Senior Research Fellow Department of Geography Aligarh Muslim University, Aligarh	
8	Correlation between literacy and sex ratio in Rajasthan: A geographical analysis	Neeraj yadav Research scholar Banasthali vidyapith	

Day 2, Technical Session-XXIII, Venue V- Academic Block-4, CUH

Time: 02:00-03:15 pm, Date: 20.10.2019 (Sunday)

Subtheme XIII- Conservation of Biodiversity in the Changing World

Subtheme XIV- Changing Alpine Ecosystem

Sr. No.	Title of the Paper	First Author's Name, Designation and Institution	Co-authors' Name, Designation, institution
1.	Effects of coastal settlement expansions on interdunal wetlands: A Geo-spatial analysis on Medinipur Coastal Plain, West Bengal, India	Dr. Debajit Datta, Assistant Professor, Department of Geography, Jadavpur University, Kolkata- 700032, West Bengal. India	Asit Kumar Roy Senior Research Fellow, Department of Geography, Jadavpur University, Kolkata- 700032, West Bengal, India,
2.	Conservation Of Biodiversity In Sultanpur Lake	Pooja, M.A. (F) Year (3 rd Semester) Student, Department of Geography, Govt. College For Girls, Sector- 14, Gurugram, Haryana India	Dr. Rajesh Kumari, Assistant Professor, Department of Geography, Govt. College For Girls, Sector-14, Gurugram, Haryana India,
3.	Karli Creek Management, Coastal Maharashtra (India); Is It Possible?	Yogesh Pisolkar, Symbiosis Centre For Management Studies – Pune, Department Of Symbiosis International (Deemed University), Viman Nagar, Pune 411014	Navendu Choudhary, Symbiosis Institute Of Geo-informatics, Department Of Symbiosis International (Deemed University), Model Colony, Pune
4.	Forest cover change detection and its driving factor analysis: Application of regression model to identify the conditional of forest land and prediction modelling in the dry deciduous	Dipankar Bera, Research Scholar, Geography Department, Vidyasagar University, Midnapore, West Bengal	Nilanjana Das Chatterjee (Associate professor), Sudip Bera (Research Scholar)

	forest of West Bengal		
5.	Conservation and management of the biodiversity in the changing world: A case study of Panna tiger reserve	Mahesh Kumar, Research Scholar, Department of Geography, Govt. T.R.S. College Rewa, Awadhesh Pratap Singh University Rewa (M.P.) India	-
6.	Landslide in Kerala 2019: A study based on Risk informed Land use planning for conservation of Western Ghats	Sajilesh k., Research Scholar, Sree Sankaracahrya University of Sanskrit, Kalady, Kerala	Sasikala P Sree Sankaracahrya University of Sanskrit, Kalady, Kerala
7.	Assessment of Soil Loss Estimation using the RUSEL Model: A Case Study of Jiadhhal Watershed, Northeast India	Mr. Binod Kumar Nath, Assam Survey and Settlement Training Centre, Lakhra, Guwahati	Dr. Dhanjit Deka Assistant Professor, B.Borooah College, Guwahati
8.	Territorial reorganization, Changing livelihood, and changing forest – community relationship: A case study of <i>Tendupatta</i> Filière in proposed Omkareshwar National Park Complex	Dr. Abhineety Goel, Assistant Professor, FLAME University	
9.	Land suitability analysis for the development of Horticulture in Veshav watershed, Jammu and Kashmir	Shazia Nabi, Research Scholar, Department of Geography & Regional Development, University of Kashmir, Srinagar	-
10.	Changing Occupation Pattern of East Jaintia Hill District after NGT ban on coal mining	Dr PK Rynngga, North Eastern Hill University, Shillong	-
11.	Assessment of Vulnerability of Tiger Corridor of Rajasthan, India: A case Study of Ranthambhore Tiger Corridor	Bhanwar Vishvendra Raj Singh Assistant Professor Department of Geography Mohanlal Sukhadia University, Udaipur	

Tea Break: Time: 03:15-03:30 pm

Day 2, Technical Session-XXIV, Venue I- Academic Block-4, CUH

Time: 3:30-5:00 pm, Date: 20.10.2019 (Sunday)

Subtheme XV- Livelihood Options in Changing Climate in the Himalayas

Sr. No.	Title of the Paper	First Author's Name, Designation and Institution	Co-authors' Name, Designation, institution
1.	Women as Environmental Managers For Sustainable Development in Himalayas: A Case Study of Upper Kullu Valley	Dr. Monica Ahlawat, Assistant Prof., Department of Geography, Dr. Bhim Rao Ambedkar College, University of Delhi, Delhi	-
2.	An Analysis of Extreme Rainfall Events over North-West Himalayan Region: Recent Decades Vs. Future Warming Scenarios	Santosh Vishwakarma, Marine and Atmospheric Sciences Department, Indian Institute of Remote Sensing, Indian Space Research Organisation, Dehradun, India	Charu Singh, Sanjeev Kr. Singh, Marine and Atmospheric Sciences Department, Indian Institute of Remote Sensing, Indian Space Research Organisation, Dehradun, India
3.	Ecological Challenges and Vulnerability & Adaptation Assessment for Exploring the Adaptation-Development Nexus: in Himalayan Ecosystem (Third Pole of World), Uttarakhand	Shweta Rani, Dyal Singh College, University of Delhi, Delhi	Abhay Shankar Prasad
4.	When Village Environment Becomes the USP: Rural Tourism and Sustainable Livelihood in Darjeeling Himalaya	Maitreyee Choudhury, Professor, University of North Bengal, Siliguri, Dist. Darjeeling, West Bengal	
5.	Evaluation of Potential Ecotourism Sites by using MCDA and GIS in Garhwal Himalayan Region	Shairy Chaudhary, Research Scholar, H.N.B. Garhwal University, (A Central University), Srinagar Garhwal Uttarakhand	M. S. Negi Associate Professor
6.	Apple Cultivation: A livelihood option for the people in Village Nani Himachal Pradesh	Amit Kumar, Panjab University, Chandigarh	Seema Kurukshetra University, Kurukshetra, eemaverma5636@gmail.com
7.	Carrying Capacity Assessment for a High Altitude Tourist Destination: A Case Study of Nako Village, Kinnaur	Ravinder Jangra Assistant Professor <i>Kurukshetra University Kurukshetra</i>	

8.	Trends in Healthcare Infrastructure of Himachal Pradesh: A Block Level Analysis	Puran Chand PhD Research Scholar Department of Geography, HP University Summer Hill	
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Day 2, Technical Session-XXV, Venue II- Academic Block-4, CUH

Time: 3:30-5:00 pm, Date: 20.10.2019 (Sunday)

Subtheme XVI- Distributive Justice: A prerequisite to sustainable development

Sr. No.	Title of the Paper	First Author's Name, Designation and Institution	Co-authors' Name, Designation, institution
1.	Extraction of Resin and Health of Chir Pine Forest in Nahan Forest Division of Himachal Pradesh	Saranjeet Singh, Research Scholar, Dept. of Geography Panjab University Chandigarh	Dr. Shyamal Sarkar, Assistant Professor, PU
2.	Socio-Economic condition of Castor and Non-Castor Farmers in Mahendergarh District	Anju, Research Scholar, CUH, Mahendergarh	Praveen Kumari Research Scholar CUH, Mahendergarh, Dr. Kheraj Assistant Professor, CUH
3.	Understanding Level of Active Ageing through Active Ageing Index: A Comparative Study of Maharashtra and Rajasthan state of India	Namrata Kumari, Ph. D., JNU, New Delhi	
4.	Growth of Marble Industry and Dynamics of Land Use Land Cover Change in Rajsamand Tehsil: An Analysis using Geospatial Techniques	Rajesh Kumar Yadav, Research Scholar, MLS University, Udaipur	Dr. Seema Jalan Professor, Department of Geography MLS University, Udaipur. E-mail: seemajalanl@gmail.com
5.	Impact Of MNREGA On Women Empowerment: A Special Reference To Mahendragarh District (Haryana)	Aman Deep Lamba, Research Scholar -	-
6.	An Analysis Of Trips To Fetch Firewood For Domestic Cooking And Its Environmental Impacts In Ayedaade Local Government Area Of Osun State	M. A. Adetunji, Federal University Lokoja, Faculty Of Arts And Social Sciences, Koji State, Nigeria	
7.	Right to the Smart City: Epistemic Space to Distributive Justice and Spatial Justice in the Contemporary Urban Revolution	Anupreet Singh Tiwana, Assistant Professor & Head, Dept. of Geography, Mata Gujri College (Autonomous) Punjabi University Fatehgarh Sahib, Punjab, India	-
8.	Mapping the Freight Landscape:	Aisharya Bhattacharjee, M.Phil	-

A Move Towards the Green Paradigm	Research Scholar, Jawaharlal Nehru University, New Delhi	
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Day 2, Technical Session-XXVI, Venue III- Academic Block-4, CUH

Time: 3:30-5:00 pm, Date: 20.10.2019 (Sunday)

Subtheme XVI- Distributive Justice: A prerequisite to sustainable development

1	Reading spatial inequality of Household Quality of Living in West Bengal: A geospatial approach	Sandip Mondal, Ph. D. Research Scholar, JNU, New Delhi	-
2	Correlates of Literacy, Work Participation and Fertility of Female Population in West Bengal	Rajani Khatun, Senior Research Fellow, Aliah University, Kolkata, India	Dr. Md. Mustaqim Assistant Professor & HoD), Uttam Kumar Roy (Senior Research Fellow), Aliah University, Kolkata
3	Socio Economic Impact on Agricultural Land Use Pattern	Mohammad Hashim, Research Scholar, IAS, Banaras Hindu University	A.K.Singh IAS, Banaras Hindu University
4	ASSESSMENT OF LIVELIHOOD SITUATION AND CAPITALS TOWARDS OBTAINING EQUILIBRIUM	Nitu Goswami Research Scholar <u>Indian Institute of Public Administration, New Delhi search Scholar</u>	
5	Livelihood Practices and Vulnerability: An Inter-district Analysis of Himachal Pradesh	Uma Shankar Singh Research Scholar <i>Department of Geography, Indira Gandhi National Open University, New Delhi</i>	
6	Green Marketing Opportunities and Challenges: A Prerequisite for sustainable development	Shivani Yadav Research Scholar Department of Commerce, Central University of Haryana	
7	Literacy Differentials among Scheduled Caste and Non-Schedule Castes in Haryana, India: A District Wise Study	Dr.Sandeep Yadav Assistant Professor Department of Geography KLP college, Rewari	

Day 2, Technical Session-XXVII, Venue IV- Academic Block-4, CUH

Time: 3:30-5:00 pm, Date: 20.10.2019 (Sunday)

Subtheme XVII- Agricultural Productivity and Climate Change

Sr. No.	Title of the Paper	First Author's Name, Designation and Institution	Co-authors' Name, Designation, institution
1.	Unfolding the Role of Land Degradation in Threatening Food Security in India	Dr. Ratan Priya, Research Scholar, Jawaharlal Nehru University, New Delhi	Dr. Padmini Pani, Associate Professor
2.	Optical characteristics thermal use efficiency, yield and yield attributes of Bt cotton under different plant spacing and fertilizer levels	Amit Singh, Dept. of Agricultural Meteorology CCS Haryana Agricultural University, Hisar	M.L. Khichar, Ram Niwas and Divesh Choudhary Dept. of Agricultural Meteorology CCS Haryana Agricultural University, Hisar
3.	A Comparative Study of Land Surface Temperature for Tiruchirappalli city	Prakash K., Research Scholar, Department of Geography, School of Earth Science, Bharathidasan University, Tiruchipalli	Jegankumar, R., Associate Professor and Head, Department of Geography, Schools of Earth Sciences, Bharathidasan University, Tiruchirappalli.
4.	Statistical Modelling for Prediction of Sugarcane Yield in Ambala and Karnal Districts of Haryana	Ajay Kumar, Department Of Mathematics And Statistics, College Of Basic Sciences And Humanities, CCS Haryana Agricultural University, Hisar- 125004	Deepankar, P.K. Muhammed Jaslam, Department Of Mathematics And Statistics, College Of Basic Sciences And Humanities, CCS Haryana Agricultural University, Hisar- 125004
5.	Kitchen Garden Farming for improved Livelihood: A Case Study of Gadaba Tribes of Odisha	Arup Kumar Mishra, UGC-Senior Research Fellow, Department of Applied Geography, Ravenshaw University, Odisha	-
6.	Association between global and local climatic factors in Kalahandi district of Odisha	Martand Mani Mishra, Doctoral Research Fellow, Delhi school of Economics, DU	
7.	Spatio-temporal variations in temperature and yield of <i>Rabi</i> crops in Haryana, India	Shubham Verma, Haryana Space Application Centre, CCS HAU, Hisar	Surender Kumar, Anurag, Divesh Choudhary, Sonu Kumar, Ram Niwas, Bansal SK, Maharshi Dayanand University, Rohtak
8.	Significance of Organic Farming in Sustainability of the Soil Temperature, Moisture Retentivity and Soil Fertility in Deoria District: A Case Study	Dr. Sushant Das, Assistant Teacher, Little Flower School, Rapti Nagar Phase IV, Gorakhpur	-

9.	Sustainable agriculture development in Bihar: Problems and prospects	Deep Narayan Kumar, Assistant Professor, R.B. College, Dalsinghsarai, Samastipur	-
10.	The Depletion, Remedial Measures And Conservation Of Soil Between Ganga And Yamuna Rivers Of Siwalik Range Of Uttarakhand	Pooja Sharma, Assistant Professor, J.V. Jain College Saharanpur	
11.	Climate Variability in Haryana	Pawan Kumar Assistant Professor Government Post Graduate College, Ambala Cantt	
12.	North India Tea Industry at Crossroads of Sustainability: A Case of Assam and West Bengal Plantation Labourers	Kumar Avinash Research Scholar Centre for Studies in Economics and Planning, Central University of Gujarat, Gandhinagar	

Dinner: Time: 07:30- 09:00 pm

Day 3, Technical Session-XXVIII, Venue I- Academic Block-4, CUH

Time: 10:00-11:15 am, Date: 21.10.2019 (Monday)

Subtheme XVIII- Drought Management in the Arid Ecosystems

Sr. No.	Title of the Paper	First Author's Name, Designation and Institution	Co-authors' Name, Designation, institution
1.	Evaluation of Desertification Hazards in Western Rajasthan: Challenges and Remedial Measures	Kalpana Choudhary, Assistant Professor, Government College, Anupgarh, Sri Ganganagar	-
2.	A Spatio-temporal analysis of Drought in Marathwada Region, India	Sagar Khetwani, Research Scholar, Dept. of Geography, Delhi School of Economics, University of Delhi	Prof. R.B. Singh, Dept. of Geography, Delhi School of Economics, University of Delhi
3.	Impact of irrigation through Indira Gandhi Canal Project on the production and land	Khetpal Jangid, Research Scholar, Department of Geography, University of Rajasthan, Jaipur	-

	utilization for major crops in desert district of Jaisalmer		
4.	Environmental Analysis of Hyper Arid Land in Western Rajasthan	Dr. Sahila Salahuddin, Independent Researcher	-
5.	Assessment of Meteorological Droughts and Their Impact on Hydrological Regime of Godawari River Basin.	Saloni Deshpande, Indian Institute of Remote Sensing, Department of Natural Hazards and Disaster Risk Management, Dehradun	Bhaskar Nikam, Vaibhav Garg, Manaruch Mahapatra, Indian Institute of Remote Sensing, Department of Natural Hazards and Disaster Risk Management, Dehradun
6.	atropa Plantation in Semi - Arid (Barren) Zone of Haryana: A Geographical Analysis	Aman Deep Lamba, Research Scholar	-
7.	Assessment of agricultural drought and implication of vegetation stress in Namakkal District through Vegetation Condition Index(VCI)	Thilagaraj P., M. Sc. Geography, Bharathidasan University, Tiruchirappalli, Tamil Nadu	S. Abdul Rahman(Guest Faculty) , Masilamani P (Assistant Professor)

Day 3, Technical Session-XXIX, Venue II- Academic Block-4, CUH

Time: 10:00-11:15 am, Date: 21.10.2019 (Monday)

Subtheme XIX- Water Crisis Management and SDGs

Sr. No.	Title of the Paper	First Author's Name, Designation and Institution	Co-authors' Name, Designation, institution
1.	Climate Change and Vulnerability of Water Resources: A Review of Ladakh	Shahid Jamal, Dept. of Geography, School of Economics, University of Delhi	Dr. Anjan Sen Dept. of Geography, Delhi School of Economics University of Delhi
2.	A Multi- model approach for controls of runoff parameters and analysing water balance dynamics in the Bisalpur reservoir	Swati Katiyar, Research Scholar, Birla Institute of Scientific, Jaipur, Rajasthan-302001	Dr. M.P. Punia, Kaushal Panwar
3.	Groundwater Quality and it's suitability for drinking and irrigation, A Case Study of Kattar micro-watershed, Tamil Nadu	J. Killivalavan, M. Sc. Geography, Bharathidasan University, Tiruchirappalli, Tamil Nadu	R. Jegankumar (Associate Professor), S. Abdul Rahman (Guest Faculty)
4.	Sustainability of Water Resource: An Impact of Urban Sprawl on Minor Water Bodies of Srinagar City.	Bilquis Shah, Department of Geography and Regional Development, University of Kashmir, Srinagar, Jammu and Kashmir, India	Mohammad Sultan Bhat, Farzana Ahad, Hilal Ahmed Sheikh, Department of Geography and Regional Development, University of Kashmir, Srinagar, Jammu and Kashmir, India
5.	Awareness, Perception and Willingness to pay	Ajeet Kumar, Ex. Student, M.Sc. Geography, Deptt. of Geography,	

	oward safe drinking water in rural areas of Mohindergarh	CUH	
6.	Morphometric Analysis for Identification of Groundwater Recharge Zones in Kodavanar Watershed, Tamil Nadu	Prawin B., Integrated M. Sc. Geography, Bharathidasan University, Tiruchirappalli, Tamil Nadu	Masilamani P (Assistant Professor), S. Abdul Rahman (Guest Faculty)
7.	Long term impacts of coastal dynamics and its impact on the coastal Taluks of Tiruvallur District, Tamil Nadu	Chandrasekar V., Research Scholar, Department of Geography, Presidency College, Chennai	Shaik Mahamad (Assistant Professor), Dept of Geography, Presidency College, Chennai
8.	Recent eutrophication sprawl in Wular lake J&K, India – Geospatial analysis	Sajad Ahmed Mir, University of Kashmir	Durdanah Mattoo Ph.D. Scholar, Dept of Geography and Regional Development, M Sultan Bhat
9.	Relevance of Jal Shakti Abhiyan and its Impacts (A Special Reference to Haryana State)	Dr Harnam Singh, Assistant Professor, Govt. College for Women, Nangal Choudhary, Haryana	-

Day 3, Technical Session-XXX, Venue III- Academic Block-4, CUH

Time: 10:00-11:15 am, Date: 21.10.2019 (Monday)

Subtheme XIX- Water Crisis Management and SDGs

1	Dynamic Urban Expansion and its impact Under Ground Water Table in Narnaul City, Haryana	Satyender Kumar, Research Scholar, Janardan Rai Nagar, Rajasthan Vidyapeeth University, Udaipur, Rajasthan	Dr. L.R. Patel Professor, Janardan Rai Nagar Rajasthan Vidyapeeth University, Udaipur, Rajasthan
2	River Valley Degradation or Transformation of River Brahmaputra and its Impact on Environment and Strategies toward Conservation	Tushar Das, P.G. Student, Rabindra Bharati University, Kolkata	
3	Water Distribution, Availability and its Utilization in Rural Agricultural Panchayath: A Gender Perspective	Priyadersini B., Research Scholar, Sree Sankracharya University of Sanskrit Kalady, Ernakulam, Kerala	-
4	Analysis of Ground water Quality for Irrigation Purpose in the Bist-Doab Region of Punjab, India	Anant Gautam, Research Student, Delhi School of Economics, University of Delhi, New Delhi	S.C. Rai and S.P. Rai, Delhi School of Economics, University of Delhi, New Delhi
5	Water Supply Statistics in Rohtak City	Prathibha Extension Lecturer Pt. NRS Govt. PG College, Rohtak	

		(Haryana)	
6	Traditional vs. Modern Methods of Water Conservation and Harvesting in India: Comparative Analysis	Dr. Vishwa Raj Sharma Department of Geography, Shaheed Bhagat Singh College, University of Delhi	
7	Assessment Of Water Quality For Drinking And Irrigation Purpose: Jhajjar District (Haryana)	M/s Jyoti Assistant Professor GCW, Gurawara, Rewari	
8	Assessment of Water scarcity in Bundelkhand region of Uttar Pradesh using WPI	Ghanshyam Singh Yadav Research Scholar Discipline of Geography, School of Sciences, IGNOU, New Delhi	

Day 3, Technical Session-XXXI, Venue IV- Academic Block-4, CUH

Time: 10:00-11:15 am, Date: 21.10.2019 (Monday)

Subthemes XX- Diversified

Sr. No.	Title of the Paper	First Author's Name, Designation and Institution	Co-authors' Name, Designation, institution
1.	Residue Burning of Rice-Wheat Crops: A Case Study of Kurukshetra District, Haryana	Ms. Sonia Jangra, JVMGRR College, Charkhi Dadri, Haryana	MS. SONU JVMGRR College, Charkhi Dadri, Haryana
2.	Soil Sample Analysis for Its Physiochemical Parameters from Tehsil Litter, Pulwama	M. Imran Ganaie, Research Scholar, Department of Geography, University of Kashmir, Srinagar, India	Aisha Dev, Professor, Department of Geography, University of Kashmir, Srinagar, India Mehraj A. Teeli, Mushtaq A. Kumar, Ishtiaq A. Mayer, <i>Research Scholars</i>
3.	A comparative study of texture, organic matter content and mineralogy of industrial and agricultural soil of Bawal region of Haryana	Sanchit Kumar, M.Sc. Student, Indian Institute of Technology (ISM), Dhanbad – 826004 Jharkhand, India	Manoj Kumar, Asst. Prof. Central University of Haryana
4.	River as a lifeline of <i>Kumars</i> (potters) in Salmora, Majuli	Juri Baruah, Ph.D. Research Scholar, Tata Institute of Social Sciences, Guwahati campus	-

5.	The Girl Child Labour: Trapped in a Vicious Cycle A Case of Kolkata City	Shrutartha Dasgupta, Research Scholar, University of Burdwan, Bardhaman, WB	-
6.	Air pollution Tolerance Index: A Comparative Study of Industrial And Road Side Plants	Sanny Rathore, M.Sc. Student, Central University of Haryana, Mahendergarh	Mona Sharma, Asst. Prof., GJU, Hisar
7.	Clean Energy Transition: Geopolitics of Renewable Energy for India and China	Deepak Bagri Jawaharlal Nehru University, Delhi	
8.	Grim Status of Forest Resource and its Mitigation measures in Sikar District, Rajasthan	Dr. Subhash Chandra Yadav, Assistant Professor Department of Geography, Govt. College, Patan, Sikar (Raj.)	
9.	Crime Against Women Special Study On Domestic Violence In Rewari City	Poonam Shekhawat Student Central University of Haryana, Mahendergarh	Sunita Yadav(Student), Dr. Kheraj (Assistant Professor) Central University of Haryana, Mahendergarh
10.	Space: Concept And Its Use	Neha Yadav Student Central University of Haryana, Mahendergarh	Dr. Kheraj (Assistant Professor) Central University of Haryana, Mahendergarh
11.	True Development Comes By Our Virtue -- A Case Study In The Perspective Of Jehanabad District, Bihar	Dr. Kaushalendra Kumar Singh Ex. Research Scholar Department Of Geography, M.U. (Bodh Gaya)	

Tea Break: Time: 11:15-11:30 am

Day 3, VALEDICTORY FUNCTION

Time: 11:30-01.00 PM

Date: 21.10.2019 (Monday)

Venue: Seminar Hall, Academic Block-4th, Central University of Haryana

Lunch: Time: 01:00-02:00 pm