



Centre for the Study of Regional Development

School of Social Sciences
Jawaharlal Nehru University
New Delhi- 110067

Cordially invites you to

40th  **The Institute of Indian Geographers** Meet

&

**NATIONAL CONFERENCE ON
WATER, SUSTAINABILITY, LIVELIHOOD and CLIMATE CHANGE
March 14th -16th 2019**

Venue: Auditorium, School of Social Sciences I

Jawaharlal Nehru University, New Delhi

PROGRAMME

Inauguration: 10.00 am, 14th March 2019

Chair	:	Rajiv Siwach, NABARD (TBC)
Welcome	:	Sachidanand Sinha, Conference President and Chairperson, CSRD
About the Conference	:	Milap C Sharma, Convener
Secretary's Address	:	Ravindra Jaybhaye, General Secretary- IIG
Presidential Address	:	A. K. Bhagwati (IIG President)
Key note Address	:	H. Ramachandran
Vote of Thanks	:	Bikramaditya K Choudhary, Organizing Secretary

A B Mukerji Memorial Lecture by H. S. Sharma at 12.00 Noon, **14th March 2019**

Chair: K. K. Sharma, Director, Northern Regional Centre, ICSSR

Moonis Raza Memorial Lecture by M.H. Qureshi at 5.00 pm, **15th March 2019**

Chair: D. P. Tripathi, Member of Parliament

Valedictory Session: 2.30 pm, 16th March 2019

Valedictory Address	:	Amitabh Kundu, Distinguished Fellow, RIS
Remark from the Chair	:	K. R. Dikshit, Patron, IIG
Vote of Thanks	:	Bhaswati Das, CSRD, JNU

DAY ONE

Registration	8.30 a.m. to 10.00 a.m.
Inaugural Session	10.00 a.m. to 11.30a.m.
High Tea	11.30 a.m. to 12.00 p.m.
A.B. MUKHERJEE Memorial Lecture	12.00 p.m. to 1.00 p.m.

*****LUNCH 1.00 p.m.-2.00 p.m.*****				
Technical Sessions				
2.00 to 3.30p.m.	1	2	3	4
Theme	<i>Climate Change: Trends and Spatialities I</i>	<i>Frontiers of Human Geography I</i>	<i>Regional Development: Differentials, Linkages and Interaction</i>	<i>Livelihood: Spatialities, Patterns, Challenges and Sustainability</i>
Venue	Room no 202	Room no 203	Room no 205	Room no 211
Chair	Amit G Dhorde	H. N. Mishra	Atiya Habeeb Kidwai	S. B. Singh
Co-Chair	Rakesh Saini	Aparajita De	Preetirekha Das Patnaik	Elumalai Kannan
Rapporteur	Jayesh Mukherjee	Nian Paul	Uma Dey Sarkar	Shreya Saha
*****TEA BREAK 03.30 p.m.-4.00 p.m.*****				
4.00 to 5.30 p.m.	5	6	7	8
Theme	<i>Geo-Spatial Technology in Natural Resource Management</i>	<i>Ecology and Development: Practices, Assessment and Implications</i>	<i>Distribution and Conservation of Water</i>	<i>Urbanization, Land-Use Dynamics and Infrastructural Development</i>
Venue	Room no 202	Room no 203	Room no 205	Room no 211
Chair	Milap Punia	Debendra K. Nayak	B. S. Butola	Debolina Kundu
Co-Chair		Sanjeev Sharma	Diganta Das	Purva Yadav
Rapporteur	Suresh Das	Sonali Bhatia	Lakshya Yog	Priyanka Saha

DAY TWO

9.30 to 11.00 a.m.		9	10	11	12
Theme	<i>Young Geographers' Competition</i>	<i>Climate Change: Components, Implications and Mitigation</i>	<i>Livelihood and Sustainability</i>	<i>Development and Ecology I</i>	<i>Frontiers of Physical Geography I</i>
Venue	Cartography Lab	Room no 202	Room no 203	Room no 205	Room no 211
Chair		S. C. Rai	Gopa Samanta	Harjit Singh	S. R. Jog
Co-Chair		Padmini Pani	Farhana Khatoon	Indrani Roy Chowdhury	N. C. Jana
Rapporteur		Rebati Sinam	Soumi Chatterjee	Lozaan Khumbah	Elora Chakraborty
*****TEA BREAK 11.00 a.m.-11.30 a.m.*****					
11.30 a.m. to 1.00 p.m.	<i>Special Session</i>	13	14	15	
Theme	<i>Gender, Natural Resources and Agriculture</i>	<i>Regional Development</i>	<i>Geospatial Techniques</i>	<i>Agriculture</i>	
Venue	Committee Room	Room no 202	Room no 203	Room no 205	
Chair	Saraswati Raju	Ravi S. Singh	M. N. Kaul	M. S. Jaglan	
Co-Chair	Avinash Kishore	Bhawana Nigam	Madan Mohan	Amit Thorat	
Rapporteur	Nian Paul	Aishwarya Bhattacharya	Juhi Priyanka Horo	Raya Das	
*****LUNCH 1.00 p.m. -2.00 p.m.*****					

40th INDIAN GEOGRAPHERS MEET & INTERNATIONAL CONFERENCE ON WATER, SUSTAINABILITY, LIVELIHOOD and CLIMATE CHANGE, March 14-16, 2019

2.00 to 3.15 p.m.	16	17	18	19
Theme	<i>Disaster, Resilience and Vulnerability</i>	<i>Frontiers of Human Geography - II</i>	<i>Climate Change: Trends and Spatiality II</i>	<i>Development and Ecology II</i>
Venue	Room no 211	Room no 202	Room no 203	Room no 205
Chair	Bimal Kar	Sudesh Nangia	Guruprasad Chattopadhyay	Rajeshwari
Co-Chair	P. K. Ryngna	Kiran Bhairnagar	Vijay Barik	Sarina Kalia
Rapporteur	Akanchha Singh	Evy Mehzabeen	Varuni Pathak	Sonali Smriti Biswas

*****TEA BREAK 3.15-3.30 p.m.*****

3.30 to 4.45 p.m.	20	21	22
Theme	<i>Water, Sanitation and Health</i>	<i>Drinking Water and Sanitation</i>	<i>Tourism and Regional Development</i>
Venue	Room no 202	Room no 202	Room no 203
Chair	Dinesh abrol	Sohail Hashmi	Bhupinder Zutshi
Co-Chair	Tanushree Paul	Avinash M Kandekar	R K Abhay
Rapporteur	Dinabandhu Mondal	Uma Dey Sarkar	Poonam Arya

*****TEA BREAK 4.30 p.m. to 5.00 p.m.*****

Moonis Raza Memorial Lecture: 5.00 p.m. to 6.00 p.m.
IIG GBM: 6.00 p.m. to 7.00 p.m. (SSS Auditorium)

*****DINNER 7 p.m. onwards*****

DAY THREE

9.30 to 11.00 a.m.	23	24	25	26
Theme	<i>Frontiers of Physical Geography II</i>	<i>Urban Development Issues</i>	<i>Waterscapes across Geographies</i>	<i>Demographic Dynamics</i>
Venue	Room no 202	Room no 203	Room no 205	Room no 211
Chair	Sunil De	Amaresh Dubey	Anandita Dutta	Nina Singh
Co-Chair	Bindu Dwivedi	B. W. Pandey	Anindita Sarkar	Bhaswati Das
Rapporteur	Varuni Pathak	Evy Mehzabeen	Raina Ghosh	Madhusree Jana

*****TEA BREAK 11.00 a.m.-11:30 a.m.*****

11.30 to 1.00 p.m.	27	28	29	30
Theme	<i>Cryosphere: Disaster and Resilience</i>	<i>Geographical Vulnerabilities and Health</i>	<i>Distribution and Conservation of Water</i>	<i>Land Acquisition/ Land Conflict</i>
Venue	Room no 202	Room no 203	Room no 205	Room no 211
Chair	M. N. Kaul	Murlidhar Vemuri	Surya kant	Dipendra N. Das
Co-Chair	Omvir Singh	Hemlata Patel	Goli Srinivas	L T Sasang Guite
Rapporteur	Kirti Sharma	Ankita Chakraborty	Sonali Yadav	Shreya Saha

*****LUNCH 1.00-2.00 p.m.*****

Valedictory Session 2.30 p.m. to 4.00 p.m.

*****HIGH TEA 4.00 p.m. onwards*****

Inaugural Session

10.00a.m.-11.30a.m

Chair	:	Rajiv Siwach, NABARD (TBC)
Session Coordinator	:	Seema Bathla
Welcome	:	Sachidanand Sinha, Conference President and Chairperson, CSRD
About the Conference	:	Milap C Sharma, Convener
Secretary's Address	:	Ravindra Jaybhaye, General Secretary- IIG
Presidential Address	:	A. K. Bhagwati (IIG President)
Key note Address	:	H. Ramachandran
Vote of Thanks	:	Bikramaditya K Choudhary, Organizing Secretary

High Tea

11.30a.m.-12.00p.m.

A.B.MUKHERJEE Memorial Lecture

12.00 p.m.-1.00p.m

A B Mukerji Memorial Lecture by H. S. Sharma at 12.00 Noon, **14th March 2019**

Chair: K. K. Sharma, Director, Northern Regional Centre, ICSSR

Lunch

1.00 p.m.-2.00p.m.

Day 1: Technical Sessions (parallel) 2-00 to 3.30 p.m.

Theme:	Climate Change: Trends and Spatialities I
Venue 1:	Room no 202
Chair of the Session:	Amit G. Dhorde
Co-Chair of the Session:	Rakesh Saini
Rapporteur for the Session:	Jayesh Mukherjee

S. N	Author/s	Title of Paper
1.	Agnisha Chakraborty, N.K. Baghmar	An Assessment of climatic Shifts in Chattisgarh Plain
2.	Arathy, S. Kumar, Visakh, V. and Abby Varghese	Spatio-Temporal and Climatic Analysis of Akkulam-Veli Lake, Trivandrum, Kerala
3.	Shekhar Kumar and K. Nageshwar Rao	Rainfall Trend Analysis over Beas River Basin of Western Himalayas
4.	M.S. Korade, A.G. Dhorde	Temperature extremes over Southern India (1969-2006)
5.	Manpreet and Omvir Singh	Pattern of Meteorological Drought over India: 1871-2016
6.	Jitender Singh and Omvir Singh	Analysis of Rainfall and Rainy Days: Trends over the Banganga Basin of Rajasthan
7.	Divya Saini and Omvir Singh and Ajit Singh	Assessment of Meteorological Droughts over Rajasthan: 1961-2017

Theme:	Frontiers of Human Geography I
Venue:	Room no 203
Chair of the Session:	H.N. Mishra
Co-Chair of the Session:	Aparajita De
Rapporteur for the Session:	Nian Paul

S. N	Author/s	Title of Paper
1.	Anindita Datta	Of Ontological Circumcisions, 'Classic Patriarchies' and Writing Feminist Geographies from India
2.	Gopa Samanta	Interrogating Recent Discourses on Critical Urban Theories through the Lens of Small Ordinary Cities in Global South
3.	Kiran Bhairannavar	Unfurling Agenda for Geographical research on Sexualities in India: Some

		reflections and future directions
4.	Md. Imran Rizvi	Development of Geography as an independent discipline in India, its current status , challenges and prospects
5.	Purva Yadav	Spatial Interaction model and its application in the Indian context
6.	Dhanush D. M and K. Mani	Transport Planning for Existing Road Network and Proposed Monorail System in Thiruvanthapuram City, Kerala

Theme: **Regional Development: Differentials, Linkages and Interaction**
Venue: Room no 205
Chair of the Session: Atiya Habeeb Kidwai
Co-Chair of the Session: Preetirekha Das Patnayak
Rapporteur for the Session: Uma Dey Sarkar

S. N	Author	Title of Paper
1.	Aisharya Bhattacharya	Port development and Connectivity: A Case Study of Hinterland Connectivity and Land Use Dynamics Associated with Development of Ennore Port
2.	Amarjeet, Vijay Kumar baraik and Mahendra Singh Nathawat	Development Differentials in the villages of UP and MP of Bundelkhand region
3.	Bindu Dwivedi, Nadia Tema Bruce and Jeremiah Gyasi Boahen	Amenities within premises in rural Punjab: A Myth or Reality
4.	Chandan Yadav	Regional Inequalities in socio-economic development in central Uttar Pradesh
5.	Sadaf Malik	Patterns of regional development in Rural-urban Fringe of Faizabad City
6.	Renu Sharma	A systematic geographical approach to poverty eradication in Jammu and Kashmir, India

Theme: **Livelihood: Spatialities, Patterns, Challenges and Sustainability**
Venue 1: Room no 211
Chair of the Session: S.B. Singh
Co-Chair of the Session: Elumalai Kannan
Rapporteur for the Session: Shreya Saha

S. N	Author	Title of Paper
1.	Deepika Vashishtha	Rural Livelihood Sustainability and Well Being in Aligarh District of Uttar Pradesh: A Geographical Analysis
2.	Farhana Khatoon	Recent trends and Patterns of Muslim Employment in Urban India: Analysis of NSS Data
3.	Ishani Ghatak and Soumendu Chattopadhyay	Urban Street vending Practices: an investigation of ethnic food safety
4.	Mohini Jadon and Durgesh Kurmi	Rural Livelihood Structure in Southern Bundelkhand region (MP): an empirical study
5.	Parash Kumar Rajak, Pushpanjali Gogoi and Arpita Hazarika	Pattern and Practices of Living and Livelihood: a study of tribal habitat in Jorhat District
6.	Parkhe G.G.	Sustainability and Rural Development through Entrepreneurship
7.	Himanshi Yadav and Rajeshwari	Pattern and Trends of Workforce Participation in India: 1977-78 to 2011-12

Day 1: Technical Sessions (parallel) 4-00 to 5.30 p.m.

Theme: **Geo-Spatial Technology in Natural Resource Management**
Venue 1: Room no 202
Chair of the Session: M.S. Nathawat
Co-Chair of the Session: Milap Punia
Rapporteur for the Session: Suresh Das

S. N	Author	Title of Paper
1.	Anand Gopagani	Ground Water Depletion using GIS: A Study of Metropolitan Hyderabad
2.	Ashwani Kumar Agnihotri, Shivam, Anurag Ohri, Akhilesh Kumar Mishra and Sachin Mishra	Mapping of urban Surface Water Bodies changes from 1965 to 2018 using planet scope and Corona data: A case study of Varanasi City, India
3.	Atul Kumar, Shairy Chaudhary, M.S.Negi and Mithilesh Kumar	Assessment of Land Suitability Classification for Agriculture using AHP-MCDA and Geospatial Techniques in Rudraprayag District(Garhwal Himalaya)
4.	Senjuti Nandy	Predictive Vegetation mapping using Remote Sensing and GIS techniques: A Study in Upper Pindar Basin, Uttarakhand
5.	N Sridhar and Vijaya Bhole	Spatio-temporal Analysis of Water Resources in greater Hyderabad Using remote Sensing
6.	Prakash Mistri and Somasis Sengupta	Qualitative Land Suitability Assessment for Agriculture in Kaliachak-III Block, West Bengal: A GIS-based Multi-criterion Approach
7.	Rajpriya and V.K. Rai	Land use change impacts on Evapotranspiration and Groundwater Recharge using Geospatial Approach

Theme: **Ecology and Development: Practices, Assessment and Implications**
Venue: Room No 203
Chair of the Session: Debendra K Nayak
Co-Chair of the Session: Sanjeev Sharma
Rapporteur for the Session: Sonali Bhatia

S.N	Name of the Author	Title of the Paper
1.	Ahammad P	An Evaluation of Strategies for the Conservation of Ecological Sensitive areas of Western ghats: A case study of Wayanad District, Kerala
2.	Aiswarya Philip, Haritha Y.A. and Jayalekshmi V.K.	Assessment of wetland depletion due to changing urban landscape in the city of Thiruvananthapuram, kerala
3.	Ishita Afreen Ahmad, Atiqur Rahman	Religious Beliefs, practices of the Bodo Tribes of Assam and their impact on Sustainable Development
4.	K.Vittal Goud and Anand Gopagani	Urban Environmental Problems: A study of Noise Pollution in Hyderabad
5.	Shokat Chowdhary	Urbanization, Waste Management and Environmental Sustainability in Kashmir Valley: A Case Study of Srinagar City
6.	Talwinder Singh Maan	Growth of an urban centre and its ecological Implications: a case study of Rupnagar City 1971-2011

Theme: **Distribution and Conservation of Water**
Venue : Room no 205
Chair of the Session: Dinesh Abrol
Co-Chair of the Session: Diganta Das
Rapporteur for the Session: Lakshya Yog

S.N	Name of the Author	Title of the Paper
1.	A.B. Patil, Dr. Smt. Sunanda and Kittali	Assessment of Water Quality status of Krishna River Basin of Karnataka
2.	Neenu S. Kumar	Revival of Kanjirakode Kayal, Kerala: A Geographic Approach
3.	Debita Kempriai and B.C Kalita	Contribution of "Daikhows" towards Water Sustainability

4.	Gatkuul Bhaskarishwar and Bhore Jayasri Bhimrao	Sustainable Water Development of Indapur Tehsil
5.	Haritha Y.A. and Manoj G and Mani K.	An Analysis of Groundwater Quality in Kallada River Basin, Kerala, india
6.	Mukesh Verma	Sustainable Development with rain Water Harvesting (RWH)
7.	Rakesh Kumar Abhay	Traditional Methods of Water Management and their significance for future sustainability of India

Theme: Urbanization, Land-Use Dynamics and Infrastructural Development

Venue: Room no 211
 Chair of the Session: Debolina Kundu
 Co-Chair of the Session: Purva Yadav
 Rapporteur for the Session: Priyanka Saha

S.N	Author	Title of the Paper
1.	Mamta Arora, S.K. Bandooni and B.W.Pandey	Urban Agricultural Land Use Planning for Delhi-Central National Capital Region (CNCR)
2.	Akshay Kapoor	Locational Analysis of Software Industry in India and its Support Firms
3.	Anand Lal	Rapid Urbanization, Uncontrolled Industrialization and Water Crisis
4.	Anupriya R.S., Achu A.L and Rubeena T.A.	Impacts of urbanization and Land Use Dynamics: A case of Kazhakuttam Outgrowth of Thiruvananthapuram City, kerala
5.	Arvind Yadav, Milap Punia	“Village in the City” or “City in the Village”: Understanding the Gentrification Stage Model of urban Villages
6.	Bimal Lakhar and Rituraj Neog	A Study on temporal Dynamics of traffic Volum and Congestion over Dibrugarh city during pre and post functioning of Bogibeel Bridge
7.	Biswajit Ganai	Distribution of High-Rise Building and its Relationship with Increase in population of Burdwan Municipality, Bengal

Day 2: Young Geographer’s Competition (9.30 onwards)

Panel of judges

Venue : Cartography Hall

S.N	Author	Title of Paper
1.	Subhankar Das	Risk assessment of drowning incidents at the Aksa Beach, Malad, Mumbai
2.	Tisha Dey	Geospatial Study of Human-Elephant Conflict in North
3.	Shinjini Bhattacharjee	Pushing the Disciplinary Boundaries: Contextualizing Gendered Soundscapes of Resistance within the Tapestry of Indian Cultural Geography
4.	Uma Dey Sarkar	Hybrid Organizations and Deepening Neoliberalization: Understanding Changes and Continuities in Delhi Waterscape
5.	Labani Saha	Identification And Assessment Of Selected Local Climate Zones of Pune City Using ENVI-MET
6.	Pankaj Bhardwaj	Bay of Bengal Tropical Cyclone Activity in relation to Madden-Julian Oscillation
7.	Jaydip De	Online Social Media in Urban Governance: A Comparative Study
8.	Asif Musthafa M.	Heritage Mapping Using Lidar Technology for Archaeological Information System of Koyikkal Palace, Thiruvanthapuram District, Kerela
9.	Binay Krishna Pal	Transformation of Urban Public Space and Everyday Contestations: A Study from Kolkata
10.	ArindamSarkar	Soil geomorphology of Garpanchakot hill area and its influence on land use and land cover
11.	Arnab Singha	Analysis Of Transportation Development In Newtown-Rajarhat
12.	Gaurav Kumar	Wetland for sustainable future: How can the local people contribute?
13.	Anita Jaiswal	Variation in wave energy along the coast between Aksa beach to Madh beach, Malad, Mumbai
14.	Shreya Saha	New “Engines” of Development and its Impact on the Local lives and Livelihood in Manipur
15.	Priyadersini B.	Sustainability in Water Distribution and Utilisation: A Gender perspective
16.	Pritika Pariyar	The emerging water market: A study on private vendors and their role in water supply in the towns of Darjeeling Hill

Day 2: Technical Sessions 1 (parallel) 9-30 to 11.00 a.m.

Theme: **Climate Change: Components, Implications and Mitigation**
Venue : Room no 202
Chair of the Session: S.C. Rai
Co-Chair of the Session: Padmini Pani
Rapporteur for the Session: Rebati Sinam

S. N	Author	Title of Paper
1.	Reena Tamrakar	Climatic Change and Its Impacts on Agriculture in Chhattisgarh State: A Geographical Study
2.	Satabdi Roy	Changing Components of Climate System and its Impact on Soil Fertility in Bankura District
3.	Shantosh Paswan	Climate Change and Global Warming: Its Impact On Gaya District Environment
4.	N. Sridhar Venugopal Rao	Climate Change and Urban Poor - A Case Study of Greater Hyderabad
5.	Sohel Firdos	Socio-economic Implications of Climate Change for Tea Producing areas in India
6.	Sufia Rehman	Is Centurial Meteorological Data truly depicting Climatic Variability in Indian Sundarban Biosphere Reserve? Reaffirmation from Local Communities
7.	Indraj, Ajay Kumar	Impact of Climate Change on the Ground Water Depletion in South Western Haryana: A Case Study of Mahendergarh District

Theme: **Livelihood and Sustainability**
Venue: Room no 203
Chair of the Session: Gopa Samanta
Co-Chair of the Session: Farhana Khatoon
Rapporteur for the Session: Soumi Chatterjee

S. N	Author	Title of Paper
1.	Preciouswell Nongsiej Baiairoihun war Shymbin	Impact of river sand mining on the waterscape and livelihood: A Case Study of Kynshi River and Umtyngar River, Meghalaya
2.	Sandip Satpati	Livelihood Strategy and Security among Scheduled tribe Population in Rarh region in West Bengal
3.	Shahid Jamal, Anjan Sen	Craft: A Source of Livelihood
4.	Sumant Sovani	Spatial Analysis of Sidewalks and Students' Livelihood in Mumbai Metropolitan Region (MMR)
5.	Tenzen Namkha and Shahid Jamal	Climate Change and Livelihood issue: A Case Study of Macchail Tehsil of Kishtwar
6.	Tulika Guha	The Impact of Climate Change on Livelihoods in some selected blocks of Purulia
7.	Sarmistha Singh	Regional Analysis of Informal Employment in Odisha and Livelihood Issues

Theme: **Development and Ecology I**
Venue : Room no 205
Chair of the Session: Harjit Singh
Co-Chair of the Session: Indrani Roy Chowdhary
Rapporteur for the Session: Lozaan Khumbah

S.N	Author	Title of Paper
1.	Prativa Karmakar	Ecological resilience of wetlands: a case study of wetlands from Kolkata
2.	Ravindra G. Jaybhaye, Balasaheb B. Bodhke and Pallavi S. Kand	Forest Fragmentation Mapping and Analysis of Malshej Ghat Area of Western Ghat in Maharashtra
3.	Kirpa Ram and Vijay Kumar Baraik	To Belief Systems, traditional environmental wisdom and environmental perception among Bishnoi Community

4.	Shyamal Dutta	Assessing Anthropogenic disturbances on Forest Health based on Forest Fragmentation in South-Western West Bengal, India
5	Amandeep Singh and L. T. Sasang Guite	Mapping of Rural Health and Healthcare facilities in Bathinda District, Punjab
6	Manasi Chattaraj and Sourav Chattaraj	Depicting Patterns of Water-borne Morbidity in Tribes Through Microbial load assessment of Drinking Water: A case study of Jangalmahal of Bankura District

Theme: **Frontiers of Physical Geography**
Venue: Room no 211
Chair of the Session: S.R. Jog
Co-Chair of the Session: N. C. Jana
Rapporteur for the Session: Elora Chakraborty

S.N	Name of the Author	Title of Paper
1.	Aadil Manzoor Nanda, Zahoorul Hassan, Pervez Ahmed and T.A. Kanth	Landslide Susceptibility Assessment using Analytic Hierarchy Process and Frequency Ratio methods along NH 1D from Sonamarg to Kargil, J&K, India
2.	Ajit Singh and Omvir Singh	Streamflow Characteristics of Song Basin in Doon Valley of Uttarakhand
3.	Amritee Bora, Prof. B.S. Mipun	Assessment of Channel width of Lower Subansiri River, Assam: A Geospatial Analysis
4.	Avinash M. Kandekar	Geochemical mobility of ions in groundwater from the tropical western coast of Maharashtra, India
5.	B. W. Pandey	Himalayan Geosystem: Features, Challenges and Initiatives an Overview
6.	Deepak Kumar, Omvir Singh, Tejpal Sharma	Trends and Variability of Snow Cover over Parvati Basin of Himachal Pradesh during 2001-2017
7.	Deepali Gadkari, Dilip Panchamia	Crustal Stress Assessment of the West Coast of South America

TEA BREAK: 11.00 to 11.30 a.m.

Special Session on Gender and Agriculture (11.30 to 1.00 PM)

Special Session: **Gender, Natural Resources and Agriculture**
Venue: Committee Room (1st Floor)
Chair of the Session: Saraswati Raju
Co-Chair: Avinash Kishore
Rapporteur: Nian Paul

S.N	Name of the Author	Title of the Paper
1.	Sucharita Sen, Sreenita Mondal, Soumi Chatterjee, A. Daniel Raj and Suchita Jain	Time-space Geometries of the Gendered Fields of Eastern Gangetic Plains
2.	Tanushree Paul	Exploring Women's Participation in the Waterscapes: A Review of the Government Policies and Programmes in India
3.	Padmaja Mondal	Gendered Access to Agricultural Land across the Social Groups in rural West Bengal
4.	Hemant Kumar	Addressing the Missing Link between Gender and Work: A Regional Perspective from Gujarat, India

Theme: **Regional Development**
Venue 1: Room no 202
Chair of the Session: Ravi S Singh
Co-Chair of the Session: Bhawana Nigam
Rapporteur for the Session: Aishwarya Bhattacharya

S.N	Author/s	Title of Paper
1.	Sajal Singh	Spatial Analysis of Rural Settlements in Raebareilly District, Uttar Pradesh:

		A Geographical Appraisal
2.	Shivangi Pandey	Spatial Structure of the Indian Textile Industry
3.	Siba Shankar Sahu	Social Dimensions of Development and Disparity in Odisha: A cross-sectional analysis
4.	Sibabrata Das	Envisioning Balanced regional Development in Odisha: Roles of Locally Suitable Strategies and Women in Local Government System
5.	Sumana Roy	Contemporary Economic Profile of West Bengal in the Context of Sectoral Employment and Contribution to State Domestic Product
6.	Aboo Ishaque P.K.	Significance of Housing and Household Facilities in Explaining Quality Of Life in Urban Areas: A Case Study of Calicut City

Theme: Geospatial Techniques

Venue: Room no 203

Chair of the Session: M. N. Kaul

Co-Chair of the Session: Madan Mohan

Rapporteur for the Session: Juhi Priyanka Horo

S.N	Author/s	Title of Paper
1.	Sajilesh K.	Comparative Analysis of Urban Development using Geographical Information System and Remote Sensing: A Study in Kerela
2.	Sandipta Das, Dasharatha P Angadi	Nature of Urban Growth and its effect on Land Surface Temperature Increases from Landsat Observation - A micro level case study on Barrackpore Sub Division, North 24 Parganas, West Bengal
3.	MahvishAnjum	Spatial Analysis of Healthcare Facilities using GIS Techniques in Ambedkarnagar District, India
4.	Shahfahad, AtiqurRehman, Mohammad Firoz Khan	Responses of Vegetation Cover and Built up Surface to Land Surface Temperature (LST) over Coastal Cities
5.	Sunil Kumar, SumanChauhan	A Geospatial approach to land transformation change using Landsat satellite imagery: A case study in BangluruTaluka, Karnataka
6.	Sukanta Kumar Saha, TathagataGhosh, RoleeKanchan	Application of Geospatial Technique in Identification of Cropping Pattern in Anand District of Gujarat

Theme: Agriculture

Venue 1: Room no 205

Chair of the Session: M.S. Jaglan

Co-Chair of the Session: Amit Thorat

Rapporteur for the Session: Raya Das

S.N	Author	Title of Paper
1.	Akhil S. Raj, Jayalekshemi V.K, Prasad Rajendran	Land Evaluation for Agricultural Suitability: A Proposal Model for Achancoil River Basin with special reference to Onattukara Agro-Ecological Zone, Kerela, India
2.	Kirti Sharma	Farmers' Vulnerability to Agrarian Distress in Undivided Andhra Pradesh – A Regional Analysis
3.	Rabi Narayan Behera and Debendra Kumar Nayak	Mapping the Agricultural Landlessness in Meghalaya: Issues of Survival, Sustainability
4.	Sarda Prasad	Food Security and its Component in Indian Scenario
5.	Shamsher Singh, M.S Jaglan	Dynamics and Spatial Pattern of Vegetable Cultivation in Haryana
6.	Surendra Rose and Sarina Kalia	An assessment of agriculture land-use change and its implications on socio-economic ecosystem in Jaipur District, Rajasthan

LUNCH: 1.00 to 2.00 p.m.

Day 2: Technical Sessions (parallel) 2-00 to 3.15 p.m.

Theme: Disaster, Resilience and Vulnerability
Venue: Room no 211
Chair of the Session: B.S. Butola
Co-Chair of the Session: P K Ryngna
Rapporteur for the Session: Akanchha Singh

S.N	Author	Title of Paper
1.	Hiranmay Rishi, Narayan Barman, Subrata Purkayastha	Coping With Floods In Diara - A Case Study On Manikchak
2.	Hemlata Patel	On the use of Standardized Precipitation Index for drought intensity assessment in Maharashtra
3.	Indira Das, Sujit Deka	Impact of sand Deposition and their Management in Southern part of Kamrup district, Assam
4.	D. Panda, P. G., M. Devi	Analysis of heavy rainfall and flood due to Tropical cyclone Titli in Odisha
5.	Deepak, Anju Gupta	Earthquakes in India and their Impact (1979 - 2018)
6.	Noopur Mishra	Assessment of Community Resilience to Flood Hazard in Eastern Uttar Pradesh

Theme: Frontiers of Human Geography - II
Venue : Room no 202
Chair of the Session: Sudesh Nangia
Co-Chair of the Session: Kiran Bhairannavar
Rapporteur for the Session: Evy Mehzabeen

S.N	Author	Title of Paper
1.	Aparajita De	Digital Spatiality: The Mapping and Reimagining of Colonial Calcutta in new Media
2.	Ritvick Chauhan and Vijay Kumar Baraik	Crime Hotspot Mapping and Predictive Analysis: a case study of Shimla City
3.	Vivek Tripathi	Mediatized Crimescapes of Delhi: A Space-Class Analysis
4.	Asha Bauri	Women in Urban Local Politics: A Study on Paschim Barddhaman, West Bengal
5.	Kriti Kanaujia	Violating urbanscapes: A case study of urban villages of Delhi

Theme: Climate Change: Trends and Spatialities II
Venue: Room no 203
Chair of the Session: Guruprasad Chattopadhyay
Co-Chair of the Session: Vijay Baraik
Rapporteur for the Session: Varuni Pathak

S.N	Author	Title of Paper
1.	M.S.Korade, A.G.Dhorde	Temperature extremes over Southern India (1969-2006)
2.	Poushali Roy	Long-term Rainfall Trend and Meteorological Drought Variability Analysis in the Barakar Valley, India
3.	Pratiksha Namdev, Meenakshi Saini and Raj Kishore Parida	Long term rainfall variability over Madhya Pradesh from 1871 to 2016
4.	Ashok Kumar Lonavath, Karunakar Virugu, Krishna Naik, Sanjay Naik	Climate Change and Drought Vulnerability in Telangana State, India
5.	Jitender Singh and Omvir Singh	Analysis of Rainfall and Rainy Days: Trends over the Banganga Basin of Rajasthan

Theme: Development and Ecology
Venue : Room no 205

Chair of the Session: Rajeshwari
 Co-Chair of the Session: Sarina Kalia
 Rapporteur for the Session: Sonali Smriti Biswas

S.N	Author	Title of Paper
1.	Sonali Yadav	Conservation Induced Displacement in South Asia: A case study of Kanha National Park in Madhya Pradesh
2.	Swatilekha Sen and Sanat Kumar Guchait	Biophilic city: Deconstruction of City Sape, City Space and City Life
3.	Prasad Rajendran and K.Mani	Impact of Urbanization on Natural Wetlands of Thiruvananthapuram, Kerala
4.	Ch. Bixapathi and A.C.Omkar	Impacts of Special Economic Zones on Environment: A Case study of Telangana
5.	Nisha, Milap Punia	Loss of Ecosystem Services and Socio-economic Vulnerability: a case study of Bishada, a peri urban village in the National Capital Region

Day 2: Technical Sessions (parallel) 3.30 to 4.45 p.m.

Theme: Water, Sanitation and Health
Venue: Room no 202
Chair of the Session: Ritupriya Mehrotra
Co-Chair of the Session: Tanushree Paul
Rapporteur for the Session: Dinabandhu Mondal

S.N	Author	Title of Paper
1.	Anindita Sarkar	Statistics versus Reality: Everyday Struggle to Access Water in the Slums of Delhi
2.	Debjani Sarkar Ghose	Drinking Water, Sanitation and Vulnerability of Diseases: A Case Study of Patna M.C., Bihar
3.	Sakreen Hasan	Growing Water Crisis in Agra City
4.	Greeshma Justin John	Culture in the Time of Cholera: Aspects of Sanitary Reforms in Colonial Malayali Society
5.	Kiran Mann, Suman Chauhan	Safe Drinking Water: A Challenge For India
6.	Soyhunlo Sebu	Towards total Sanitation: A case Study of Tesophenyu village, Kohima, Nagaland

Theme: Drinking Water and Sanitation
Venue: Room No 203
Chair of the Session: Sohail Hashmi
Co-Chair of the Session: Avinash M. Kandeekar
Rapporteur for the Session: Uma Dey Sarkar

S.N	Author/s	Title of the Paper
1.	Swati Thakur	Application of Water Poverty Index (WPI) to target the water poor: A case study of Mahendragarh District, Haryana
2.	Sunil Patil, Chitra Sejwar	Transformation in Drinking water facility in Jalgaon District, Maharashtra
3.	P.K. Ryngnga	Spatio-Temporal Variability in Domestic Water Demand and Supply in Shillong Urban Agglomeration
4.	Mirza Razi Imam Baig & Atiqur Rahman	Status of Water Supply, Sanitation and Hygiene Practices among the Tea Garden Population of Jalpaiguri Dist: A case study of Binnaguri Tea Estate
5.	Rashmi Rani Anand, Kavita Arora	An Assessment of Drinking Water, Sanitation and Health: A Case Study of Chirag Delhi
6.	Amandeep Kaur, Gaurav Kumar	Determinants of Water Supply in Slums of Ludhiana Metropolis, India
7.	Avishek Bhunia, Pritirekha Das Pattanayak	Disparity in Sanitation Facility: A Case Study of Paschim Medinipur District, West Bengal

Theme: Tourism and Regional Development
Venue: Room no 204
Chair of the Session: Bhupinder Zutshi
Co-Chair of the Session: Rakesh K. Abhay
Rapporteur for the Session: Poonam Arya

S.N	Author	Title of Paper
1.	Vilas P Ugale	A Geographical Study of Adventure Tourism of Nashik region, Maharashtra
2.	Annesha Borah and P.K.Ryngga	Tea Plantation and tourism development in Brahmaputra valley: an appraisal study in Assam
3.	Kiran Kumari	Tourism and Regional Development of Arunachal Pradesh
4.	Indrayudh Paul, PiyalBasu Roy and Nazrul Islam	Pro-poor Tourism: Challenges and Potential in Buxa-jayanti Area, Alipurduar, West Bengal, India
5.	Joveria and Mumtaj Ahmad	Homestay Tourism and community response: a case study of Bagori Village, Uttarkashi, Uttarakhand

MOONIS RAZA Memorial Lecture 5.00 p.m.- 6.00 p.m

Moonis Raza Memorial Lecture by M.H. Qureshi at 5.00 pm, **15th March 2019**

Chair: D. P. Tripathi, Member of Parliament

General Body Meeting of IIG 6.00 pm to 7.00 Pm

Dinner 7.00 PM onwards

Day 3: Technical Sessions (parallel) 9.30 to 11.00 a.m.

Theme: Frontiers of Physical Geography
Venue: Room no 202
Chair of the Session: Sunil De
Co-Chair of the Session: Bimal Kar
Rapporteur for the Session: Varuni Pathak

S.N	Author	Title of the Paper
1.	Kavya Prathapan	The Sinking Island In Kerala. A Study To Find Out The Major Reasons Behind The Sinking Of Isles Of
2.	Pragati Singh	Morphometry and Land Cover based multi-criteria for soil erosion susceptibility assessment of the Bihar River Basin
3.	Sandeep Kumar Yadav	Morpho-tectonic control on drainage network of Upper Tons Basin, Central Northern Peninsular India
4.	Sunil Kumar De, Shreya Bandyopadhyay	Impact of human activities on the changing morphology of the Haora River, Tripura, India
5.	Uzma Parveen, Dr. S. Sreekish	Sub-surface sediments as a tool for interpretation of past climate: A case study of Coastal Odisha, India
6.	Varuni Pathak, Avijit Mahala	Role of Geomorphology to Assess Hazard Potentiality in Sissu Watershed of Himachal Himalaya
7.	Sayantan Das, Nabendu Sekhar Kar, Sunando Bandyopadhyay	Anthropogeomorphology of the Hugli Basin: Observations From The Tidal Bhagirathi-Hugli Course

Theme: Urban Development Issues
Venue: Room No 203
Chair of the Session: Amaresh Dubey
Co-Chair of the Session: B.W.Pandey
Rapporteur for the Session: Evy Mehzabeen

S. N.	Author/s	Title of the Paper
1.	Poonam Arya	Land Use and Land Cover Changes: A Case Study Of Udaipur City, Rajasthan

2.	Rana Paul	How justified slum eviction is: A case of Delhi Resettlement colony
3.	Sayantani Sarkar	Methodological approach to identify potential areas for affordable housing:
4.	Zeba Khanam Mariya	Traffic Congestion and Road Safety: A spatial analysis of Bulandshahr City
5.	Sasmita Rout	Neighborhoods and the City: Need for Organizational Restructuring in Planning Bhubaneswar, India
6.	Ninu Lawrance, Meera Nair M.S, Abby Varghese	Analysis of Urban Sprawl with Land Use Land Cover Changes and Understanding its Determinants through Econometric Regression, A Study of City Of Guwahati,
7.	Rohit Kumar, Puneet Yadav	Voting Behaviour of Assembly Constituencies of Uttar Pradesh: A Geographical Analysis

Theme: Waterscapes across Geographies

Venue: Room No 205
 Chair of the Session: Anindita Datta
 Co-Chair of the Session: Anindita Sarkar
 Rapporteur for the Session: Raina Ghosh

S.N	Name of the Author	Title of Paper
1.	Bhawna Nigam	Water Resource and Its Potential Utilization and Development in Bihar, A Case Study of Patna District.
2.	Heena Singh	Water Supply and Demand in Hazaribagh City, Jharkhand
3.	Deeksha Mishra, B.N Singh	Analysis of Groundwater Resource Endowment for assessing Regional Disparities in Trans-Yamuna upland region of Prayagraj district based on Hydro-Geomorphological Parameters
4.	Rahul M. Lad, Ravindra G. Jaybhaye	Nature of India's trans-boundary relationship with downstream riparian countries: Hydro- hegemony or altruism?
5.	Monica Rosalyn, Divya Rajeshwari, Balasubramani K.	Groundwater Depletion: A case study of Coimbatore City, India
6.	Shristi Sharma	Urban Water Systems

Theme: Demographic Dynamics

Venue: Room no 211
 Chair of the Session: Nina Singh
 Co-Chair of the Session: Bhaswati Das
 Rapporteur for the Session: Madhusree Jana

S.N	Name of the Author	Title of the Paper
1.	Sarga, T.K.	Emerging Labour Markets and Migrants' Struggle: An Empirical Analysis of Informal Construction Sector
2.	Labanya Das, Ashok Kumar Bora	Population Resource and Settlement System in Rural Landscape of Nonoj Watershed, Assam
3.	Pintu Paul	Effects of education and poverty on the prevalence of girl child marriage in India: A district-level analysis
4.	Preeti, Rajeshwari	Violence against Women in Haryana: Triggers and Consequences
5.	Ankita, M S Jaglan	Demographic Characteristics of Rural Ahirwal Region in Haryana: A Household Level Analysis
6.	Biswornjan Behuria, D.K Nayak	Occupational Change and Skill Development among Seasonal Out-migrants of Western Odisha
7.	Jhuma Halder	Schooling-Learning Gap: A Contemporary Challenge of Indian Education System
8.	Vishal Singh	Primary Education in India: A Geographical Analysis

TEA BREAK: 11.00 a.m.-11.30 a.m.

Day 3: Technical Sessions (parallel) 11.30 am to 1.00 pm

Theme: **Cryosphere: Disaster and Resilience**

Venue: Room no 202

Chair of the Session: M N Kaul

Co-Chair of the Session: Omvir Singh

Rapporteur for the Session: Kirti Sharma

S.No	Name of the Author	Title of the Paper
1.	Guruprasad Chattopadhyay	Present Scenario of Glacier Retreat in the Himalaya under the Global Climate Change
2.	Milap Chand Sharma, Elora Chakraborty, Ishita Manna, Soumik Das	Karakoram Glacial Surge: An Alternative Hypothesis
3.	Rakesh Saini, Milap Chand Sharma	Glacio-archaeological Evidence of Permanent Settlements within A Glacier End Moraine Complex During 980-1840 AD: The Miyar Basin, Lahaul Himalaya, India
4.	Vanya Bajpai, Rolee Kanchan, I. M Bahuguna	An Elevation wise Comparative Glacial Study of East and West Bhutan
5.	Milap Sharma, S. Sreekesh, Sucharita Sen, Vijender Pandey, Sanjay Deswal, Rakesh Saini, Satya Prakash, Abira Dutta Roy, Syed Umer Latief, Pawan Kumar, Ishita	Cryosphere, Climate and Society in the NW Himalaya, India
6.	Sumantra Sarathi Biswas, PadminiPani	Impacts of Dams and Bridges on Flow Regime, Channel Bed Configuration and Sediment Grain Size: A Study of Barakar River, India
7.	Pooja Sharma, Vishwa Banhu Singh Chandel and Simrit Kahlon	Landslide Hotspot Analysis in the Upper Ravi River catchment Using geospatial Technologies, Chamba, Himachal Pradesh

Theme: **Geographical Vulnerabilities and Health**

Venue: Room no 203

Chair of the Session: Murlidhar Vemuri

Co-Chair of the Session: Hemlata Patel

Rapporteur for the Session: Ankita Chakraborty

S.N	Name of the Author	Title of the Paper
1.	Navneet Kaur, Mohd Safikul Islam, Prof. Mohd. Ishtiyaque	Socio-economic vulnerability assessment of female children to malnutrition: A case study of Okhla, South Delhi (India)
2.	Rakesh Sharma	Bakarwal Pastoralists Resilience to Venomous Bites and Stings
3.	Sonali Smriti Biswas	Mortality among Children below five years in India: role of immunization
4.	Madhubani Sen	Balancing Childcare and Work: Women in Garment Factories in Delhi
5.	Tapan Pramanick, Narayan Chandra Jana	Spatial Variation of Tuberculosis in Malda District, West Bengal: A Study in Medical Geography
6.	Nabarun Jana	Urbanization And Its Connect with Maternal and Child Health in India: A District Level Study of West Bengal
7.	Sibani Basumatary, Bimal K. Kar	Health Awareness and Sanitation Condition: A Case Study of Bodoland Territorial Areas District (BTAD), Assam

Theme: **Distribution and Conservation of Water**

Venue: Room No 205

Chair of the Session: Suryakant

Co-Chair of the Session: Goli Srinivas

Rapporteur for the Session: Sonali Yadav

S.N	Author/s	Title of the Paper
1.	Sailajananda Saikia, Himadri Changmai	Understanding the Realities on Hydropower Development in Arunachal Pradesh: A Study
2.	Satpal Kumar, M.S. Jaglan	Level of Irrigation Development in Northwestern Haryana
3.	Jagseer Singh	Sustainability of Water Management in Malwa Region of Punjab:

		Health Issues and Prospects
4.	Jitender Kumar, M.S Jaglan	Accessibility of Groundwater Resources for Irrigation across Different Regimes of Groundwater Availability in Haryana
5.	Kaushik Ghosh	An investigation into the Political, Climatic and Human Induced Issues and imperatives behind the Sustainable Water Sharing between India and Bangladesh over Trans-Boundary river Tista
6.	Sonali Bhatia	Socio-Political Ecology Of Waterscapes: A Case Study Of Water Accessibility In District Sonbhadra, Uttar Pradesh

Theme: Land acquisition/ Land conflict

Venue: Room no 211
 Chair of the Session: Dipendra N Das
 Co-Chair of the Session: L.T.Sasang Guite
 Rapporteur for the Session: Shreya Saha

S.N	Name of the Author	Title of the Paper
1.	Neetesh Kumar and Ramesh Kumar Patel	Land Use/Land Cover Mapping using Satellite Imagery: A temporal analysis of Jhansi District (Uttar Pradesh)
2.	Suman Gaur, Anushree Nagpal	Displacement: Derailed Life of Lamdarha Village (Chhattisgarh)
3.	Joy Karmakar	Displacement, Contestation and Resettlement: Case of Canal Bank Improvement in Kolkata
4.	Anupreet Singh Tiwana	Production of Space, Land Acquisition And Livelihood Issues In Private City In Making: Utopian Vision And Dystopian Reality
5.	Bulton Roy	What happens to Kawakhali? Between Development and Conflict
6.	Preciouswell Nongsiej	Road construction land acquisition and its impact on agriculture and livelihood: a case study of Umsning bypass, RiBhoi District, Meghalaya

LUNCH

1.00-2.00 p.m.

Valedictory Session

2.00-3.00 p.m.

Valedictory Address : Amitabh Kundu , Distinguished Fellow, RIS
 Remark from the Chair : K. R. Dikshit, Patron, IIG
 Vote of Thanks : Bhaswati Das, CSRD, JNU

High Tea

3.00 p.m. onwards