




Faculty Details proforma for DU Web-site

Title	Professor	First Name	Bindhy Wasini	Last Name	Pandey	Photograph
Designation	Professor					
Address	Department of Geography, Delhi School of Economics University of Delhi Delhi-110007					
Phone No Office	91-11-27666491					
Residence Mobile	9560525260					
Email	bwpdsegeo@gmail.com bwpandey@geography.du.ac.in					
Web-Page	http://geography.du.ac.in/associate_professor.html					
Educational Qualifications						
Degree	Institution				Year	
Ph.D.	University of Delhi				2000	
M. Phil. / M. Tech.	University of Delhi				1992	
M. A.	University of Gorakhpur				1988	
Career Profile						
<p>Professor, Department of Geography, Delhi School of Economics, University of Delhi, Since June 30, 2016..</p> <p>Associate Professor, Department of Geography, Delhi School of Economics, University of Delhi, Since February 21, 2014.</p> <p>Associate Professor, Department of Geography, Shaheed Bhagat Singh Eve. College, University of Delhi. July 01, 2009 to February 20, 2014.</p> <p>Assistant Professor, Department of Geography, Shaheed Bhagat Singh Eve. College, University of Delhi. March 03, 1998 to June 30, 2009</p>						

Administrative Assignments
<ol style="list-style-type: none"> 1. Dean Works: University of Delhi since June 11, 2021. 2. Provost: International Students House, University of Delhi, Delhi-110007 since 21/9/2021. 3. Member of Governing Body as University Representative/VC Nominee: Laxmibai College, University of Delhi since 27/03/2022. 4. Member Managing Committee/ EC Nominee: D. S. Kothari Hostel, University of Delhi since 18/01/2022. 5. Member Governing Body/VC Nominee: College of Vocational Studies, University of Delhi since April 01, 2021. 6. Warden Jubilee Hall Hostel, University of Delhi from 01 February 2018 to 20/9/2021. 7. OSD Press, University of Delhi since 21 October 2020. 8. Faculty-in-Charge/ Convener of M. Phil. and Ph. D. for 2014-2015, 2018-2019, 2019-2020 and 2020-021, and for M. A. 2015-2016, Department of Geography, Delhi School of Economics, University of Delhi. 9. Superintendent of the Examinations M. A. Geography, Department of Geography, Delhi School of Economics, University of Delhi, May 2017, November-December 2017 , May 2018, May and December 2019. 10. Nodal Officer for Admissions in M. A., M. Phil and Ph. D. in Department of Geography, Delhi School of Economics, University of Delhi for the Academic years, 2015-16, 2016-2017, 2017-2018, 2019-2020 and 2020-2021. 11. Teacher-in-Charge for the Academic years, 2001-2002, and 2005-2006 and 2011-2012 at Department of Geography, Shaheed Bhagat Singh Eve. College, University of Delhi, New Delhi.
Areas of Interest / Specialization
Livelihood and Vulnerability Assessment in High Altitudes. Cryospheric Studies. Climate Change, Hazard-risk Assessment and Natural Resource Management.
Subjects Taught
Environmental Ecology Natural Resources Management Geography of Himalaya Hydrology and water Resource Management Research Methodology
Research Guidance
Research Supervision (Ph. D.) 04 Awarded, 01 submitted and 09 under Progress

(M. Phil. Supervision)

08 Awarded and **01** under Progress

(M. A. Dissertation Supervision)

Supervised **40 M. A. Dissertations** on Various topics of **Himalayan Geoecology**.

(Ph. D.)

1. **Abhay Shankar Prasad:** Impact of Natural Hazards on Livelihood Security in Alaknanda River Basin Uttarakhand (**Awarded** on 08/12/2017).
2. **Himanshu Mishra:** Impact of Climate Change on the Livelihood of Transhumance Community in Chamba Himachal Pradesh (**Awarded**, 19/10/2020).
3. **Usha Kumari Anand :** Management of Municipal Solid Waste for Urban Sustainability in Meerut City (**Awarded** January /2020).
4. **Nikhil Roy:** Self-Organized Criticality in River Bank Failure: A Case Study of Brahmaputra River System Assam (**Awarded** 26/02/2022).
5. **Sant Prasad:** Urban Health Wellbeing and Innovation in Varanasi City (**Submitted** November 2021).
6. **Rajeev Kumar Ranjan:** Impact of Climate Change on Environmental Sustainability and Livelihood Security in Leh Region, Jammu and Kashmir (31/03/ 2015).
7. **Suman Saurabh:** Livelihood Vulnerability and Resilience to Natural Hazards in Rudraprayag District Uttarakhand (Registered 27/04/2018)
8. **Teja Ram Nitharwal:** Geographical Analysis of Effects of Indira Gandhi Canal Project on Dairy Occupation from 2000-2015 (Registered 27/04/2018)
9. **Ganesh Yadav:** Geographic Variations of Health Indicators and Income Status in the Selected EAG States of India (Registered 2019).
10. **Sambhawna Chaudhary:** Springshed Management for Sustainable Agriculture and Livelihood in Tehri Garhwal, Uttarakhand (Registered 20/01/2021).
11. **Roosen Kumar:** Assessment of Altitudinal Variations of Treeline and Its Impact on Livelihood of Transhumance and Local Community in Chamoli District: Garhwal Himalaya (Registered 20/01/2021).
12. **Shoryabh Srivastava:** Sustainable Adaptation Techniques for Livelihood Security Through Organic Farming in Garhwal Himalaya, Uttarakhand. (Registered 20/01/2021).
13. **Divya:** Impact of Climate Change on Livelihood and Adaptability of Local Community in Bhagirathi River Basin, Garhwal Himalayas, Uttarakhand.
14. **Jyoti:** Geographical Indications: Possibilities, Challenges, and Socio-Economic Impacts in Kinnaur, Himachal Pradesh.
15. **Arvind:** Traditional Indigenous Knowledge (TIK), Local Initiatives and Practices for Sustainable Livelihood in Garhwal Himalayas.

(M. Phil. Supervision)

1. **Prastha Rajoria:** Spatio-Temporal Analysis of Land Use Land Cover Change in Rewari District, Haryana (**Awarded 2017**).
2. **Harish Kumar:** Impact of Forest Ecosystem Services on Livelihood Security in Carbet National Park. (**Awarded 2018**).
3. **Sonam Bhaduria:** Geographical Assessment of Vulnerability in Slum areas of Gwalior Municipal Corporation: A Challenge for Smart City Development. (**Awarded 2018**).
4. **Nishit:** Impact Analysis of Climate Change on Urban Health: A Case Study of National capital Territory (NCT) of Delhi. (**Awarded in 2018**).
5. **Pushalal Ganesh:** Implications of Flood Disasters: A Case of Kishanganj District, Bihar. (**Awarded in 2020**).
6. **Soryabh Sriastava:** Sustainable Adaptation Technique for Livelihood Security through Organic Farming in Dewal Block, Uttarakhand (**Awarded June 2021**).
7. **Jyoti** Spatio – temporal changes in apple cultivation in last two decades (2000- 2020), Kinnaur district, Himachal Pradesh. (**Awarded February 2022**).
8. **Shashank Singh** Geographical Analysis of Ancient Water Conservation Techniques: A Case Study of Dewal Block, Uttarakhand (**Awarded March 2022**).
9. **Diksha Swarup Tripathi:** Subsistence Agricultural Practices and Livelihood Security in Dugadda Block, Pauri Garhwal, Uttarakhand. (Under Progress)

Supervised 40 M. A. Geography, Master Dissertation on Various Topics related to Himalayan Ecology, Vulnerability and Sustainable Development.

Publications Profile

(BOOKS :Authored and Edited)

1. **Water Science and Sustainability** Sustainable Development Goals Series (SDG 6) (Bindhy Wasini Pandey and Subash Anand eds.) Springer Nature Switzerland AG 2021. ISSN 2523-3084 ISSN 2523-3092 (electronic), Sustainable Development Goals Series, ISBN 978-3-030-57487-1 ISBN 978-3-030-57488-8 (eBook), <https://doi.org/10.1007/978-3-030-57488-8>
2. **Environmental Concerns and Sustainable Development in Himalaya** (Bindhy Wasini Pandey, V. S. Negi and Poonam Kumria eds.) Research India Press, New Delhi. 2017. ISBN 977-93-5171-104-9
3. **Water Resources: Potentiality, Vulnerability and Management: Indian Experiences.** (B. W. Pandey ed.) Research India Press, New Delhi. 2017. ISBN: 978-93-5171-0950
4. **Whither Sustainable Development: Studies in Planning and Management of Land and Water Resources** (V. S. Negi, B.W. Pandey and Poonam Kumria eds.) Research India Press, New Delhi. 2017. ISBN : 978-93-5171-096-7
5. **Dynamics of Land Use Change: Sustainability and Management** (B. W. Pandey ed.) Research India Press, New Delhi. 2014. Pp.316 ISBN: 978-93-5171-002-8
6. **In Search of Sustainability: Global Perspective on Marginality, Technology, Politics and Planning of Land Use.** (B. W. Pandey ed.) Research India Press, New Delhi. 2011. Pp. 312. ISBN: 978-81-89131-49-4
7. **Hazard Ecology: Approaches and Techniques** (B. W. Pandey ed.) Mittal Publication, New Delhi, 2010, Pp. 395. ISBN: 81-8324-105-0

8. **Natural Resource Management.** (B. W. Pandey ed.) Mittal Publication, New Delhi. 2005. Pp 465. ISBN: 81-7099-986-3
9. **Geoenvironmental Hazards in Himalaya: Assessment and Mapping.** (B. W. Pandey) Mittal Publication, New Delhi, 2002. Pp. 460. ISBN: 81-7099-864-6

Research Papers (Journals)

1. Vaneeta Chandna, B. W. Pandey, Om Jee Ranjan and Jyoti (2022) Status of Reproductive Health of Women in Himalaya: A Case Study of Selective Villages of, Uttarakhand, India. **Journal of the Anthropological Survey of India** 1–17 © 2022 Anthropological Survey of India Reprints and permissions: in.sagepub.com/journals-permissions-india DOI: 10.1177/2277436X221092087 journals.sagepub.com/home/ans
2. Jitender Rathore, Roosen Kumar, Sonik Bora, Rikta Pal, Bindhy Wasini Pandey and Veer Singh (2022) Determining Land Use Land Cover Change and its Effects on Land Surface Temperature in Nainital District. **International Journal of Ecology and Environmental Sciences.** 48, 51-57. IISN: 2320 5199
3. B. W. Pandey, Yuvraj Singh, Roosen Kumar, Pushalal Ganesh, Riktapal and Madhusudan Ghosh (2021) Anthropogeographic Analysis of Covid-19 among the EAG States and top Covid 19 Affected States of India. **THE EASTERN ANTHROPOLOGIST** 74: 2 (2021)
4. Bindhy wasini Pandey, Yuvraj Singh, Usha Rani, Roosen, Archana Singh and Rikta Pal (2021) Geographical Analysis of the First Wave of Covid-19 with reference to Highland and Lowland Regions of India. DOI : 10.48008/ngji.1776, **National Geographical Journal of India (NGJI)**, An International Peer-Reviewed Journal, NGSi-BHU, ISSN: 0027-9374/2021/1776, Vol. 67, No. 3, September 2021
5. Ganesh Yadav . R. B. Singh . Subhash Anand . B. W. Pandey . Ashutosh Mohanty . Sushree Sangita Dash (2021) Ecological model analysis of respiratory health risk factors by ambient air pollution in Lucknow, the capital City of Uttar Pradesh, India. *GeoJournal* [https://doi.org/10.1007/s10708-021-10490-7\(0\)](https://doi.org/10.1007/s10708-021-10490-7(0))
6. Prasad, Sant; Singh, R.B. and Pandey, B.W. (2021) Spatio-Temporal Analysis of Land Use and Land Cover in Delhi-NCR Using Satellite Data, **Journal of Global Resources, Vol. 07 (02) DOI: 10.46587/JGR.2021.v07i02.003 Pp. 23-31.**
7. Mishra Martand Mani, Sahu Netrananda, Pandey B.W. and Singh R.B. (2021) Assessing Human Health Vulnerabilities in the Blocks of Kalahandi district of Odisha, India. **Disaster Advances ; <https://worldresearchersassociations.com/disascurrence.aspx> Vol. 14 (4)**
8. Prasad, Sant; Singh, R.B. and Pandey, B.W. (2021) Spatio-Temporal Analysis of Land Use and Land Cover in Delhi-NCR Using Satellite Data, **Journal of Global Resources, Vol. 07 (02) DOI: 10.46587/JGR.2021.v07i02.003 Pp. 23-31.**
9. Nishit, B.W. Pandey , Subhash Anand and HarishKumar (2021) Demographic Transformation, Landuse Change and its Environmental Implications in Kotla - Mubarakpur, New Delhi. **Indian Journal of Spatial Science, EISSN: 2249 – 4316, ISSN: 2249 – 3921, Spring Issue 2021, (1) Pp. 29-38.**
10. Shoryabh Srivastava, Rachana Rani Sharma, Bindhy Wasini Pandey, V.S. Negi and Jagbi Singh (2020) Prospect Of Wood Ash In Land And Soil Reclamation For Livelihood Security In Dewal Block, Uttarakhand. **The Indian Geographical Journal** Volume 95 (2) June - 2020

ISSN 0019-4824.Pp. 241-254.

11. Ganesh Y*, Singh RB, Pandey BW, Aakriti G. (2020) Developing Composite Urban Respiratory Health Index for Lucknow Municipal Corporation. **Environ Anal Eco stud.** **7(4).** EAES. 000667. 2020. DOI: 10.31031/EAES.2020.07.000667
12. Bindhy Wasini Pandey, Pushalal Ganesh, Rajan Maurya, Usha K. Pathak, Roosen Kumar, Madhusudan Ghosh and Yuvraj Singh (2020) Spatial Distribution of outbreak of Locust Swarms: A Geographical Analysis of Vulnerability and Preventions in India **Sustainability, Agri, Food and Environmental Research**, (ISSN: 0719-3726), 8(X), 2020 <http://dx.doi.org/10.7770/safer-V0N0-art2262>
13. Richard Johnson, J. C Kuniyal, Kesar Chand, Alan Diduck, Esther Edward, James Gardner, Bindhy Wasini Pandey, Dev Dutt Sharma and Pushpam Singh (2020) .Accelerating Change: Engaging Local Communities in Disaster Risk Reduction in The Indian Himalayan Region. Science Policy Brief. <https://doi.org/10.17870/bathspa.c.5036990.v1> and UNDRR Prevention https://www.preventionweb.net/publications/view/72456?&a=email&utm_source=pw_email
14. Om Jee Ranjan, Subhash Anand, B. W. Pandey and Poonam Kumria (2020) Spatial Analysis of Physio-Climatic Changes and its Impact on Human Adaptation in Tawang Valley: A Case Study of Monpa Tribe, Eastern Himalaya. **THE EASTERN ANTHROPOLOGIST** 73: 1. ISSN: 0012-8686. Pp. 125-138.
15. Usha Rani, B.W. Pandey and S. Anand (2020) Research Frontiers in Urban Solid Waste Management. **The Horizon** - A Journal of Social Sciences No.-2/2020, Volume-XI, July 2020, pp. 1-10 ISSN-0975-5535 (Peer Reviewed).
16. Rajan Maurya, V. S. Negi and B. W. Pandey (2020) Spatio-Temporal Analysis of Land Use/Land Cover Change Through Overlay Technique in Kinnaur District of Western Himalaya. **Sustainability, Agri, Food and Environmental Research (SAFER)** (ISSN: 0719-3726), 8(X), <http://dx.doi.org/10.7770/safer-V0N0-art2161>
17. Ganesh YADAV, R.B. SINGH, Subhash ANAND and B.W. PANDEY (2020) Growth Engines of Delhi-NCR: The Changing Nature and Pattern of Industrial Complexes. Journal of Urban and Regional Studies on Contemporary India 7(1): 11–23 (2020) **The Center for Contemporary India Studies, Hiroshima University, Japan.**
18. Nikhil Roy, Bindhy Wasini Pandey, Usha Rani, (2020). Protecting the vanishing geo-cultural heritage of India: Case study of Majuli Island in Assam. **Elsevier International Journal of Geoheritage and Parks**. PII: S2577-4441(20)30013-7 DOI: ISSN: 2577-4441, e-ISSN: 2577-445X
19. Usha Rani and B. W. Pandey (2020). Studying the Municipal Solid Waste Management System in Meerut City, Uttar Pradesh. **Journal of Global Resources** Volume 6 (01) August 2019-January 2020 Page 58-63. UGC–CARE Listed Journal in Group D ISSN: 2395-3160 (Print), 2455-2445 (Online)
20. Arora, Mamta, Bandooni, S. K. and Pandey, B. W. (2019) Urban Agricultural Land Use Planning for Delhi-Central National Capital Region (CNCR). **Transactions**, Journal of the Institute of Indian Geographers. Volume 41, No. 02, July 2019. Pp.257-270.
21. Mishra, Himanshu and Pandey, B. W. (2019) Navigating the Impacts of Social and Environmental Changes to Traditional Lifestyle: A Case Study of Gaddi Transhumance of Chamba District in Himachal Pradesh. **The Oriental Anthropologist**. DOI: 10.1177/0972558X19862391. Volume. 19 (2) ISSN: 0972558X. Pp.326-337.
22. Kumar Harish, Pandey, B.W., Anand Subhash 2019. Analyzing the Impacts of forest

- Ecosystem Services on Livelihood Security and Sustainability: A Case Study of Jim Corbett National Park in Uttarakhand. **ELSEVIER International Journal of Geoheritage and Parks** 7 (2019) 45–55. <https://doi.org.10.1016/j.ijgeop.2019.05.003>. ISSN: 2577-4441
23. Pandey B.W., Prasad A.S. 2018. Slope vulnerability, mass wasting and hydrological hazards in Himalaya: a case study of Alaknanda Basin, Uttarakhand. *Terræ Didactica*, **14**(4):395-404. ISSN 1679-2300.
 24. Mishra, Himanshu and Pandey, B. W. (2017) Spatio-Temporal Analysis of Land Use Land Cover Change in Chamba District, Himachal Pradesh. **Eastern Geographer**: Vol. XXIII, No. 01, January 2017, Pp. 175-180. ISBN: 0973-7642.
 25. Impact Assessment of Natural Hazard on Livelihood Security, Biodiversity and Sustainable Development in Alaknanda river basin Uttarakhand (Abhay Shankar Prasad and Bindhy Wasini Pandey). **The Deccan Geographer**. Vol.55, No. 1&2, June and December 2017. Pp. 132-146.
 26. Pre-natal Health Status of Marginal Peasant Women in Lachigad Watershed, Uttarakhand. (B. W. Pandey, V. S. Negi, Vaneeta Chandna and Gayatri Meena). **The Eastern Anthropologist**. Vol. 70 No.3-4. July-December 2017. ISSN: 0012-8686. Pp. 327-343.
 27. Horticulture Development in Himalaya: A Case Study of Lachhi gad Watershed, Uttarakhand. (B. W. Pandey, Rinku Kumari, Usha Rani and O. J. Ranjan) **The Horizon**. No. 2/2017, Volume- VIII July 2017. ISSN-0975-5535. Pp. 153-163.
 28. Forestry and mass-wasting hazard in South British Columbia, Canada (B. W. Pandey, Abhay Shankar Prasad and Himanshu Mishra). **Hill Geographer** XXXII:1, 2016. ISSN: 0970-5023 Pp.13-26
 29. Mountain hazard susceptibility and livelihood security in the upper catchment area of the river Beas, Kullu Valley, Himachal Pradesh, India (Abhay S. Prasad, Bindhy W. Pandey, Walter Leimgruber and Ripu M. Kunwar) In **Springer Journal Geoenvironmental Disasters** (29/02/2016) 3:3 DOI 10.1186/s40677-016-0037-x. Pp. 01-17. ISSN: 2197-8670
 30. Community Based Disaster Management and Livelihood Sustainability in Gaula River Catchment: Kumaun Himalaya. (B. W. Pandey, Atithi Pant and V.S. Negi). **International Journal of Business and Applied Social Science** Vol.2, No.2, February, 2016. ISSN 2469-6501 (Online). Pp. 69-80. DOI : 10.33642
 31. Concept and Practices in Disaster Management (Nikhil Roy and Bindhy Wasini Pandey). In **World Focus**. A Premier Indo-centric Foreign Affairs Journal, Special Issue on Disaster Management and Mitigation. May, 2016. ISSN 2230-8458. Volume XXXVII Number 05, May 2016. Pp. 127-129.
 32. Climate Change and Weather Cycle Anomaly (B. W. Pandey) **NAM TODAY an International Journal for the New Age Mind**. Special Issue on Climate Disasters and Livelihood Security: Contribution towards Sendai Framework for Disasters Risk Reduction 2015-2023. ISSN 2347-3193 Vol. LV. No. 2 February 2016. Pp 20-21.
 33. Anthropogeography of High Altitude Transhumance Region of Western Himalaya (B. W. Pandey) **The Eastern Anthropologists**. Vol.68. No. 4 October –December 2015. ISSN: 0012-8686. (Ethnographic and Folk Culture Society Lucknow, India). Pp. 527-545.
 34. Adaptation Strategies for Flood risk Mitigation in Lower Brahmaputra River Basin, Assam through Integrated River Basin Management. (R. B. Singh, B. W. Pandey and Abhay Shankar Prasad). **Transactions, Institute of Indian Geographers (IIG)**. Vol.36. No. 2, 2014. Pp. 159-170. ISSN 0970-9851.

35. Extent and Magnitude of Flood due to Soil Erosion in Lower Brahmaputra River Basin Assam (R. B. Singh, B. W. Pandey and Abhay Shankar Prasad). **Annals of the National Association of Geographers India (NAGI)**. Volume: XXXIV No. 2 December 2014. ISSN: 0970972X. Pp. 162-179.
36. Landslides Hazard, Mechanism Assessment and Mapping in Himachal Himalaya.(B. W. Pandey). **Annals of the National Association of Geographers of India (NAGI)** Vol. XXI, Number 1, June 2001, pp. 23-35. ISSN: 0970972X
37. Environmental Monitoring of Particulate Matter and Pollution in Major Rivers of India. (R. B. Singh and B. W. Pandey). In (K. Hartmut and Wilfried eds.) **Advances in Limnology 47, Official Journal of the International Association for Theoretical and Applied Limnology**. E. Schweizerbat's sche Verlags Buchhandlung Publication. Stuttgart, Germany 1996, pp. 557-561. ISSN: 0047-0557
38. Environmental Degradation and Vanishing Livelihood Security in Western Himalaya, Himachal Pradesh. (B. W. Pandey). In **Deccan Geographical Journal**, Pune, Vol. 33, No. 2 (July to December 1995), pp. 112-120. ISSN: 0011-7269
39. Environmental and Human Response to Hydro Geomorphology: Micro Level Study of Ganga Basin. (R. B. Singh and B. W. Pandey). **Journal of Scientific Research**. Vol. 43 (1&2), 1993. Banaras Hindu University, pp. 153-167. ISSN: 0447-9483.

Research Papers (Published as Chapters in Books and Proceedings)

1. Ecological Challenges and Vulnerability Assessment for Exploring the Adaptation-Development Nexus for Sustainability in Alaknanda River Basin, Uttarakhand, India. (Bindhy Wasini Pandey, Subhash Anand, V. S. Negi, Usha Pathak and Abhay Shankar Prasad) **Advances in Geographical and Environmental Sciences**. (Seema Sahdev , R. B. Singh , Manish Kumar eds.) **Geocology of Landscape Dynamics**. ISSN 2198-3542 ISSN 2198-3550 (electronic) Advances in Geographical and Environmental Sciences ISBN 978-981-15-2096-9 ISBN 978-981-15-2097-6 (eBook) © Springer Nature Singapore Pte Ltd. 2020.
2. Planning for Healthy and Sustainable Urbanization: A Case Study of National Capital Territory, Delhi (B. W. Pandey, Himanshu Mishra and Usha Kumari Pathak) V. R. Sharma and Chandrakanta (eds.), **Making Cities Resilient**, The Urban Book Series, ISSN 2365-757X ISSN 2365-7588 (electronic) The Urban Book Series ISBN 978-3-319-94931-4 ISBN 978-3-319-94932-1 (eBook) Springer Nature Switzerland AG 2019 © Springer Nature Singapore Pte Ltd. 2020.
3. Environmental Psychology and Health Care Cost: Understanding the Well-Being Level of Delhi Residents. (Swati Rajput, Kavita Arora, Rachna Mathur and B. W. Pandey). In Sharma V., Chandrakanta (eds) **Making Cities Resilient. The Urban Book Series, Cham. Springer** DOI https://doi.org/10.1007/978-3-319-94932-1_14. ISBN: 978-3-319-94931-4 (Print) 978-3-319-94932-1 (Online). Pp. 191-204. (09 February, 2019). © Springer Nature Singapore Pte Ltd. 2020.
4. Bindhy Wasini Pandey, Suman Saurabh, Om Jee Ranjan and Anita Singh (2017) Ecological Restoration and Livelihood Sustainability through Mixed Forestry in Himalaya: A Case Study of Kot Malla Village, Rudra Prayag Uttarkhand. In (Bindhy Wasini Pandey, V. S. Negi and Poonam Kumria eds.) **Environmental Concerns and Sustainable Development in Himalaya**. Research India Press, New Delhi. Pp. 200-217, ISBN ISBN 977-93-5171-0967

5. Bindhy Wasini Pandey and Abhay Shankar Prasad (2017) Integrated River Basin Management of Lower Brahmaputra River Basin, Assam, India: Perspective and Hope for Regional Development In V. S. Negi, Jagbir Singh, Vaneeta Chandana and Anupama M. Hasija (eds). **Dimensions of Development: Implications and Management** Research India Press New Delhi. Pp. 218-244 ISBN : 978-93-5171-113-1
6. Atithi Pant, V. S. Negi and B. W. Pandey (2017) Ethnicity and Socio-Cultural Restructuring of Bhotiya Tribe: A case Study of Johar Valley of Kumaun Himalaya in Vishwambhar Prasad Sati and K. C. Lalmalsawmzauva (eds) **Natural Resource Management for Sustainable Development and Rural Livelihoods**. Vol. 2. Today and Tomorrow Printers and Publisher New Delhi. Pp. 939-952. ISBN 81-7019-584-1
7. B. W. Pandey, Akshansh Yadav and Himanshu Mishra (2017) Ecological Restoration and Livelihood Options Through Forestry: A Case Study of Pasolgad Watershed Uttarakhand in Vishwambhar Prasad Sati and K. C. Lalmalsawmzauva (eds) **Natural Resource Management for Sustainable Development and Rural Livelihoods**. Vol. 3. Today and Tomorrow Printer and Publishers New Delhi. Pp. 593-603. ISBN 81-7019-584-1
8. Urban Dynamics and Resource Consumption: A Case Study of NCT of Delhi. (Bindhy Wasini Pandey, Abhay S. Prasad, Himanshu Mishra and Shakshi Godara) in Poonam Sharma and Swati Rajput (Eds.) **Sustainable Smart Cities in India, Challenges and Future Perspectives** 2017. Pp. 333-352 Springer International Publishing. ISBN 978-3-319-47145-7 (E-Book) ISBN 978-3-319-47144-0
9. Sustainable Urban Development Through Ghats: A Case Study of Varanasi, Uttar Pradesh , 637-654, (Rajan Maurya, Bindhy Wasini Pandey and V.S. Negi) in Sharma, Poonam, Rajput, Swati (Eds.) **Sustainable Smart Cities in India, Challenges and Future Perspectives** Pp. 637-654. Springer International Publishing. 2017. ISBN 978-3-319-47145-7 (E-Book) ISBN 978-3-319-47144-0
10. Economics Appraisals of Dams: A Case Study of Bagalihar Dam, Jammu and Kashmir, India (Bindhy Wasini Pandey and Shubham Padha). Proceedings of the International Seminar of Geography between Hiroshima University and University of Delhi on “Promoting Economic Geography Studies on Inclusive Growth in Contemporary India”. Graduate School of Letters, Hiroshima University, Japan, December 23-24, 2016.
11. Food Security in India: Policy Challenges and Performance (B. W. Pandey, Abhay Shankar Prasad, Om Jee Ranjan and Himanshu Mishra). In Baleshwar Thakur, H S Sharma, Suresh Mishra, S. Chattopadhyay and Surendra Kumar (eds.) **Regional Development Theory and Practice. Vol.4. Development Policies**. Concept Publishing Company Pvt. Ltd. New Delhi. 2016. Pp. 260-273. ISBN 978-93-5125-206-1 (Vol.4).
12. Understanding cultivation Ecology in Tawang-Chu River Basin Arunachal Pradesh (Om Jee Ranjan, S. Anand and B. W. Pandey) In Paramjit Singh (ed.) **Climate Change and Sustainable Development**. Shabdvani Prakashan, New Delhi. 2016. Pp. 189-203. ISBN. 978-81-931358-0-8
13. Anthropogenic Impact on Hydrological Hazards, Landslides and Soil Erosion in Alaknanda River Basin of Garhwal Himalaya, Uttarakhand, India (B. W. Pandey and Abhay Shankar Prasad), In VAV Raman (ed. **Geo Anthropogenic Environment: An Appraisal**. A. K. Publications, New Delhi. 2016. Pp. 283-289. ISBN: ISBN: 978-93-85022-73-9.
14. Vulnerability Analysis of Climate Change and geo-hydrology in Alaknanda Basin, Uttarakhand. (B. W. Pandey, Abhay Shankar Prasad and Himanshu Mishra). In Chhering

- Tandup (ed.) Proceedings of the **International Conference on Change in Cryosphere its Impact on Ecosystem Services and Rural Livelihood: Understanding Local Adaptation in the Himalayan Region**. Department of Earth Sciences, Institute of Mountain Environment Baderwah Campus, University of Jammu. Excel India Publishers New Delhi. 2014. Pp. 405-415 ISBN: 978-93-83842-76-6
15. An Integrated Approach for Sustainable Use of Biodiversity in Agriculture. (B. W. Pandey, Neelam P. Mishra and P. M. Tripathi). In B. W. Pandey (ed.) **Dynamics of Land Use Change: Sustainability and Management**. Research India Press, New Delhi. 2014. Pp. 190-215. ISBN 978-93-5171-002-8.
 16. Sustainable Use of Water Resources: The Need for New Management Options. (B. W. Pandey and Neelam P. Mishra). In Subhas Anand (ed.) **Progress in Environmental Management: Indian Experiences** Research India Press, New Delhi 2013. Pp.250-271. ISBN: 978-81-89131-91-3
 17. Spatio-Temporal Dimensions of Drinking Water Supply in Cholapur Block, Varanasi. (B. W. Pandey). In G. S. Chauhan and R. N. Dubey (eds.) **Water Resources Management**. Nataraj Publications, New Delhi. 2004. Pp. 117-134.
 18. Community Participation in Water Resources Conservation and Management in Raath Region of Garhwal Himalaya. (B.W. Pandey, S. K. Bandooni and V. S. Negi). In G. S. Chauhan and R. N. Dubey (eds.) **Water Resources Management**. Nataraj Publications, New Delhi. 2004. Pp. 203-224. ISBN: 81-7312-024-2
 19. Impact of Tourism on Ecohydrology in the Headwater Region of Beas, Himachal Pradesh. (R. B. Singh and B.W. Pandey). In S.R. Chalise and A. Herman (eds.) **Ecohydrology of High Mountain Areas**, ICIMODE-UNESCO Publication, Kathmandu, Nepal, 1998, pp. 519-525. ISBN: 92-9115-726-0
 20. Sustainability of a Mountain Watershed Ecosystem in the Himachal Pradesh Himalaya: Background and Overview. (F. Berkes, G. S. Chauhan, I. Davidson Hunt, K. Davidson Hunt, C. Duffield, J. S. Gardner, L. Ham, B. W. Pandey, J Sinclair, R. B. Singh and M. Thakur). In R.B. Singh (ed.) **Sustainable Development of Mountain Environments in India and Canada** (CIDA_SICI Project Experience). Oxford and IBH Publication, New Delhi, 1998, pp.1-35. ISBN: 81-204-1286-9
 21. Population, Urbanization and Tourism in Kullu District. (B. W. Pandey, R. B. Singh and Tripta Singh). In R.B. Singh (ed.) **Sustainable Development of Mountain Environments in India and Canada** (CIDA_SICI Project Experience). Oxford and IBH Publication, New Delhi, 1998, Pp. 153-171. ISBN: 81-204-1286-9
 22. Environmental Hazards and Mitigation Measures in Upper Arrow Lake Region, British Columbia, Canada. (R. B. Singh and B. W. Pandey). In R.B. Singh (ed.) **Sustainable Development of Mountain Environment in India and Canada** (CIDA_SICI Project Experience). Oxford and IBH Publication, New Delhi, 1998, Pp. 217-241. ISBN: 81-204-1286-9
 23. Forest and Forestry, Degradation and Renewal in Arrow Lake Region, British Columbia, Canada. (B. W. Pandey and R. B. Singh). In R.B. Singh (ed.) **Sustainable Development of Mountain Environments in India and Canada** (CIDA_SICI Project Experience). Oxford and IBH Publication, New Delhi, 1998, Pp. 242-256. ISBN: 81-204-1286-9
 24. Risk from Natural Hazards in the Manali Area. (J. S. Gardner, B. W. Pandey and R. B. Singh). In F. Berkes and J.S. Gardner (ed.) **Sustainability of Mountain Environment in India and Canada**. Natural Resources Institute, University of Manitoba Publication

- Canada. 1997, pp. 237-258.
25. A Mountain Watershed Ecosystem in the Himachal Pradesh. (F. Berkes, G. S. Chauhan, I. Davidson Hunt, K. Davidson Hunt, C. Duffield, J. S. Gardner, L. Ham, B. W. Pandey, J. Sinclair, R. B. Singh and M. Thakur). In F. Berkes and J.S. Gardner (eds.) **Sustainability of Mountain Environments in India and Canada**. Natural Resources Institute, the University of Manitoba. Winnipeg, Canada, 1997, pp. 19-48.
 26. Snow Melting Variation and Environmental Effects: Micro Level Study of Himalayan Rivers. (B. W. Pandey and R. B. Singh). In Y.M. Yeung (ed.) **Global Change and the Commonwealth**, Chinese University of Hong Kong Press, 1996, pp. 433-445. ISBN: 962-441-526-9
 27. Landslide Hazard in Indian Himalaya and Canadian Rockies: A Comparative Analysis. (R. B. Singh and B. W. Pandey). In J. Chacon and C. Irigaray (eds.) **Landslides** (Proceedings of the Eighth International Conference on Landslides, Granada, Spain 27-28 September 1996). A. A. Balkema Publication, The Netherlands, 1996, pp. 63-69. ISBN: 9054108320
 28. Perspective for Managing Rural Water Resources: A Study of Ganga-Gomati Doab (R. B. Singh and B. W. Pandey). In (R.B. Singh ed.) **Research in Geography: Land Use Change and Sustainable Development**. Vol. 1. 1996, A.P.H. Publication. New Delhi, pp. 307-318. ISBN: 81-7024-735-7
 29. Common Resources and Sustainable Livelihood of Mountain Environment: Micro Level Experience of Upper Kullu Valley. (R. B. Singh and B. W. Pandey). In R.B. Singh and M.J. Haigh (eds.) **Sustainable Reconstruction of Highland and Headwater Regions**, 1995, Oxford & IBH Publication. New Delhi, pp. 663-681. ISBN: 81-2041035-1
 30. Sikkim Himalaya: Geographical System, Socio-economic Changes and Peoples' Perceptions. (R. B. Singh and B. W. Pandey). In M.P. Lama (ed.) **Sikkim Himalaya**, Indus Publication, New Delhi, 1994, pp. 557-561. ISBN: 81-7387-013-6.

EDITORIALS

1. **Member of Reviewer Board** Journal of Sustainability, Agriculture, Food and Environment Research (SAFER UGC Care List Published from Chile.)
2. **Member of Reviewer Board** Journal of Geography, Environment and Sustainability, (GES)
3. **Advisory Board Member** of International Journal **Science Park** ISSN: 2321-8045 since 2014.
4. **Editorial Board Member** of International Journal of Interdisciplinary Research in Science, Society and Culture, (IJIRSCC) Guwahati, Assam. ISSN: (P) 2395-4335, (O) 2455-2909
5. **Member of Editorial Board**, Journal of Social Sciences, Guru Govind Singh Khalsa College of Women, Jhar Sahib, Ludhiana, Punjab.
6. **Member of Editorial Board** Yearly Academic Journal of Kalindi College, University of Delhi.
7. **Member of Reviewer Board** Journal of Spatial Sciences.

Research Projects (Major Grants/Research Collaboration)

1. **P. I. Institution of Eminence, University of Delhi, Faculty Research Programme**

Research Project on Springshed Delineation and Flow Network Assessment (SD-Flow NetAs) for Livelihood Security of Local Community in Upper Beas Valley, Himachal Pradesh, 2021-2022.

2. **P. I. Institution of Eminence, (I o E) University of Delhi, Faculty Research Programme Research Project** on Cryosphere Dynamics and Human Adaptations: Implications of Food and Livelihood Linkages in Uttarkashi District, Uttarakhand, India. 2020-2021.
3. **Project Director: Impactful Policy Research in Social Sciences (IMPRESS)** Indian Council of Social Science Research (ICSSR) Ministry of Human Resource Development (MHRD) Major Research Project (April 2019-March 2021). "Assessing Human Adaptability for Building Policy Framework against Climate Variability in High Altitude Basins of Leh, India"
4. **PI British Council International Collaboration:** UGC-UKIERI-III Project 2018-2020 on "(Hi Flo-DAT): Indian Himalayan Flood Database, for Disaster Risk Reduction" between University of Delhi, India and University of Bath Spa, UK.
5. **PI in Research and Development Grant** 2015-16, University of Delhi Project on Cryosphere Hazard Susceptibility and Vulnerability Assessment for Livelihood Security in Mid Altitude Region of Western Himalaya.
6. **Mentor in Innovative Research Project** on Stipulating the Role of Agriculture and Forestry in the Urban Environment: Mapping and Analysing Green Spaces of Delhi. Department of Geography and Department of Economics, Shaheed Bhagat Singh College, University of Delhi.
7. **PI in Research and Development Grant** 2014-15, University of Delhi Project on Impact of Rural Water Supply on Livelihood Security in Lower Ganga-Gomati Doab.
8. **PI in Innovative Research Project** 2013-14 on Religious Segregation in the Residential Pattern of Delhi: A Study in Causes Measurement and Consequences. University of Delhi, Shaheed Bhagat Singh Eve. College Research Unit.
9. **Research Assistant for the Canada International Development Agency (CIDA)–Shastri Indo-Canadian Institute (SICI)** Partnership Project on Sustainable Development of Mountain Environments in India and Canada. June 1994 to June 1996.
10. **Research Assistant for the Government of India, Ministry of Agriculture** Project on Perspective Plan for Land Resources in Northwest India. March 1993 to May 1994.

Awards and Distinctions

1. **National Association of Geographers, India (NAGI)**, Young Geographers Award 2000, Dharwad, Karnataka, India.

Association With Professional Bodies

1. The Indian Science Congress Association (**ISCA**) (L-32154)
2. Founder and Member of the Executive Committee, Environmental Monitoring Society, Delhi. (**EMS**).
3. Life Member National Association of Geographers India (**NAGI**).
4. Life Member and Member of the Executive Committee, Indian Council of Geographers (**ICG**).

5. Corresponding Member, International Geographical Union (**IGU**).
6. Corresponding Member, Commonwealth Geographical Bureau (**CGB**).
7. Life Member, Deccan Geographical Society (**DGS**).
8. Life Member and Secretary of Indian Institute of Geographers (**IIG**).
9. Life Member, Association of Geographical Studies (**AGS**).
10. Life Member, Ethnographic and Folk Culture, Society (**EFCS**)
11. Executive Member of International Geo Science Education Organization (**IGEO**)
12. Life Member of The Geographical Society of the **North Eastern Hill Region**, India (L - 1986)
13. Life Member, **Eastern Geographical Society** (LM-149/2019)
14. National Geographical Society of India (**NGSI**)
15. Life Member, **The Indian Geographical Society (IGS)**

Other Academic Activities

1. **Sectional Recorder, Earth System Sciences (ESS) Indian Science Congress** for 106 and 107 Sessions of Indian Science Congress (2018-19, 2019-20).
2. **Member of the Governing Council:** Institute of Indian Geographers (IIG) for the Years 2016-2019.
3. **Member of Departmental Research Committee (DRC)** Department of Geography, Delhi School of Economics, University of Delhi 2014-2016 and 2018-2020.
4. Executive External (International) **Member of the Advisory Board the Afromontane Research Unit (ARU)** Advisory Board, University of the Free State, (UFS) Qwa Qwa Campus, South Africa. Private Bag X13, Phuthaditjhaba, 9866 Republic of South Africa

FIELD WORK

1. Conducted Fieldwork in Upper Beas Basin under **Institution of Eminence, University of Delhi, Faculty Research Programme Research Project** on Springshed Delineation and Flow Network Assessment (SD-Flow NetAs) for Livelihood Security of Local Community in Upper Beas Valley, Himachal Pradesh, March 11 to March 14, 2022.
2. Conducted Fieldwork in Eastern part of Leh district (Pyogong, Hanley, Chusul and Tso Morori) under **Impactful Policy Research in Social Sciences (IMPRESS)** Indian Council of Social Science Research (**ICSSR**) Ministry of Human Resource Development (**MHRD**) Major Research Project “Assessing Human Adaptability for Building Policy Framework against Climate Variability in High Altitude Basins of Leh, India” October 14 to October 19, 2021.
3. Conducted Fieldwork in Nubra Valley, Siachin Valley and Leh region under **Impactful Policy Research in Social Sciences (IMPRESS)** Indian Council of Social Science Research (**ICSSR**) Ministry of Human Resource Development (**MHRD**) Major Research Project (April 2019-March 2021). “Assessing Human Adaptability

- for Building Policy Framework against Climate Variability in High Altitude Basins of Leh, India” September 26 to October 03, 2020.
4. Conducted Fieldwork with M.A. IInd Year students in Dewal Block **Garhwal Himalaya** on Various Topics of Livelihoods and Sustainability. December 16-21, 2019.
 5. Conducted Fieldwork with M.A. IInd Year students in Alaknanda Basin, **Garhwal Himalaya** on Various Topics of Livelihoods and Sustainability. December 25-31, 2018.
 6. Conducted Fieldwork with M.A. Geography Students on **Geographic Adversities of Flood Hazard in Kerala** during December 10-December 24, 2018.
 7. Conducted Fieldwork with M.A. IInd Year students in Foothills of Shivalik Hill in Dehradun District, Uttarakhand on **Land Use Change, Mountain Vulnerability, Livelihood Options, Livestock Resources, Problems in Agriculture Development, and Problems of Water Resources in Lower Himalaya** during December 28-31, 2017.
 8. Conducted Fieldwork as Expert Guidance along with Dr. S. K. Bandooni and other Team Members of **THDC DRC Project** on Development and Research Centre for Activities on Ecological Restoration and Socio-economic Empowerment of Rural Community for Sustainable Livelihood and Resource Management in Naugudagad watershed, Tehri Garhwal Uttarakhand.
 9. Conducted Fieldwork with M.A. Ist Year students in Sam Desert region of Thar Desert of Rajasthan on **Ecological restoration and Rural/Women Empowerment in Desert** during February 22-27, 2017.
 10. Conducted Fieldwork with M.A./ M. Phil/ Ph. D. students in Tehari and Uttarkashi region of Uttarakhand Himalaya on **Ecological restoration and Rural/Women Empowerment in Himalaya** during March 24-29, 2016
 11. Conducted Fieldwork with M.A. Geography Students on **Climate Change, Tourism Development and Swachha Bharat Abhiyan** at Mumbai, Pune and Goa during December 09-December 20, 2014.
 12. Participated in the Fieldwork of Urban Ecology in **European Geological Science Congress in Vatican City**, 2012.
 13. Conducted Fieldwork with B. A. (H) Students of Shaheed Bhagat Singh Eve. College, University of Delhi in Jalkur Gad Catchment Area for **Sustainable Rural Development and Community Empowerment in Garhwal Himalaya**, during May 07-12, 2012.
 14. Conducted Field Work with B. A. (H) Students of Shaheed Bhagat Singh Eve. College, University of Delhi on **Socio-economic, Household Survey in Upper Beas Basin**, Western Himalaya, December 19 to 28 2011.
 15. Conducted Fieldwork with B. A. (H) Students of Shaheed Bhagat Singh Eve. College, University of Delhi in Uttarkashi and Pauri Districts of Uttarakhand on **Potentiality of Medicinal Herbs and it Development**. March 26 to April 02, 2010.
 16. Conducted Fieldwork with B. A. (H) Students of Shaheed Bhagat Singh Eve. College, University of Delhi on **“Management of Natural Resources (Water, Forest and Land etc.) for Uttarakhand : Role of Community, N. G. O. , Government and Stake Holders.** 24th& 25th December 2007, at Jogimarhi and Uffrainkhal, District Pauri Garhwal, Uttarakhand.

17. Conducted Fieldwork with B. A. (H) Students of Shaheed Bhagat Singh Eve. College, University of Delhi on **Resource Appraisal and Socio-economic Condition in North-east India**, Guwahati and Shillong. October 10-17 2004.
18. Conducted Fieldwork/ **Study of Raath Areas of Uttarakhand Himalaya on Conservation of Biodiversity and Sustainable Development** Organized by Department of Geography, H. N. B. Garhwal University, Srinagar along with Department of Culture, Ministry of Human Resource Development and Commission on Mountain Ecosystem and Development, National Association of Geographers India (NAGI). 01-08 December, 2002.
19. As Supervisor, Conducted Field Work **on Natural Resources and Sustainable Development in Kumaun Himalaya** for the Undergraduate Students of S. B. S. Eve. College, University of Delhi. October 2002.
20. Conducted Field Work with B. A. (H) Students of Shaheed Bhagat Singh Eve. College, University of Delhi on **Environmental Hazards in Himachal Himalaya** for the Undergraduate Students of S. B. S. Eve. College, University of Delhi. October 2001.
21. Conducted Field Work with B. El. Ed. Students of Aditi Women College, University of Delhi **on Socioeconomic Survey of the Dry Districts of Rajasthan** for Undergraduate Students of Aditi College, University of Delhi. February 1997.
22. Conducted Field Work with B. El. Ed. Students of Adity Women College, University of Delhi **on Socioeconomic Survey of the Dry Districts of Rajasthan** for Undergraduate Students of Aditi College, University of Delhi. December, 1996.
23. Conducted Fieldwork on **Hazard–Risk Assessment and Mapping and Water Supply, Sanitation and Human Health in Upper Kullu Valley**. The Western Himalaya Sponsored by Canada International Development Agency (CIDA) Project, New Delhi, June 1994 to June 1996.
24. Conducted Fieldwork, on Land Use Land Cover Change in the Northern part of The Netherlands, with the collaboration with the Department of Spatial Sciences, **University of Groningen, The Netherlands**. 1996.
25. Conducted Fieldwork on **Clear-Cut Forestry and Environmental Hazard in Upper Arrow Lake Region of British Columbia, Canada**, July 1995 to August 1995 Sponsored by Canada International Development Agency (CIDA).
26. Conducted Fieldwork on **Rural Water Supply and Public Health in Cholapur Block, Varanasi District, UP, INDIA**. Under M. Phil. Course, University of Delhi, Delhi-7, July 1990 to May 1992.
27. Conducted Fieldwork on **Economic Development of Health in Hisar District, Haryana**, Sponsored by Ministry of Agriculture, Government of India, New Delhi, and June 1992.
28. Conducted Fieldwork on **Sanitation and Human Health in Slums of Delhi** Sponsored by Indian Environmental Society, New Delhi. January – June 1990.

Organisation of Seminar/Confrences

1. Organized 02 Days' Midterm Workshop, Break-out and plenary discussions of project plans and deliberations to assist DRR policy and practice in **UGC-UKIERI International Collaboration Project on HiFlo-DAT: Indian Himalayan Flood Database, for Disaster Risk Reduction**. University Guest House, University of Delhi

- during October 22 and 23, 2019.
2. Organized a 3 Days' Inception Workshop, Break-out and plenary discussions of project plans and deliberations to assist DRR policy and practice in **UGC-UKIERI International Collaboration Project on HiFlo-DAT: Indian Himalayan Flood Database, for Disaster Risk Reduction**. International Guest House, University of Delhi during June 18-20, 2018.
 3. Organized a Workshop in the Department of Geography, Delhi School of Economics, University of Delhi with **South Korean Delegates Ms. Olga, Ms. Won Bae and Ms. Rosaline on Nature and Peace** on March 15, 2018.
 4. Organized UGC SAP-DRS *III* National Seminar on **Emerging Frontiers in Resources, Environment, Urban and Regional Planning**, Department of Geography, Delhi School of Economics, University of Delhi, December 23-24, 2017.
 5. Member of the Organising Committee organized National Seminar on **Adaptation and Implementation of Paris Agreement: National Initiatives Towards Climate Change Mission** on 21- 22 April 2017 Organized by Department of Geography, Shaheed Bhagat Singh Evening College, University of Delhi.
 6. Member of the Organising Committee organized Seminar on **Healthy India -Yoga, Indian Medicine, Health and Wellbeing** at the Department of Geography, Delhi School of Economics, University of Delhi, June 21, 2016.
 7. Member of the Organising Committee organized **World Environment Day Seminar on Global Initiatives (SDGs, DRR, COP 21, Habitat III, IYGU, Urban Health and Wellbeing) and Indian Environment**. Department of Geography, Delhi School of Economics, University of Delhi, June 04, 2016.
 8. Member of the Organising Committee organized **9th International Geographical Union (IGU) Conference** on Land Use Change, Climate Extremes and Disaster Risk Reduction. Shaheed Bhagat Singh College, University of Delhi. March 18-20, 2016.
 9. Member of the Organising Committee organized **UGC-SAP –DRS III National Seminar on Thrust Areas: Environment and Resource and Urban and Regional Planning**. Department of Geography, Delhi school of Economics, University of Delhi. March 20-21, 2015.
 10. Member of the Organising Committee, organized **Remote Sensing Day and Lecture of Journey of Indian Earth Observation Sensor Programme**: Mr. Saji A Kuriakose, Dy Director, Sensors, Space Applications Centre, ISRO, Ahmadabad and Fostering Geospatial Capabilities of Indian Armed Forces: Role of Remote Sensing and GIS : Dr M R Bhutiyani, Director, DTRL, DRDO, Delhi on September 19, 2014, at Department of Geography, Delhi School of Economics, University of Delhi, New Delhi.
 11. Member of the Organising Committee, in **One Day Lecture Series on “Future of Geography” and General Body Meeting of Association of Geographical Studies (AGS)**, Department of Geography, Delhi school of Economics, University of Delhi. 13th September 2014.
 12. Member of the Organising Committee in the Symposium on **Sustainable Rural Development and Community Empowerment in Garhwal Himalaya**, Uttarakhand Under Tehari Hydro Development Corporation (THDC) and Kirorimal College University of Delhi Project. Department of Geography, Kirorimal College, University of Delhi. 2012.
 13. Member of Organizing Committee of Academic Lecture Series organized **Lecture of**

- Professor H. Ramachandran on Urbanizing India**, Shaheed Bhagat Singh Eve. College, University of Delhi. March, 2012.
14. Convener, One Day Photography on **Nature, Environment and People**, Shaheed Bhagat Singh Eve. College, University of Delhi. 7th March, 2011.
 15. Convener, **Lecture Series by Professor Alex Felson, University of Yale, USA on Sustainable Urban Development**. Department of Geography, Shaheed Bhagat Singh Eve. College, University of Delhi. February 23, 2011.
 16. Member of Organizing Committee, **National Symposium on Potentiality of Medicinal Herbs and its Development in Uttarakhand**. March 27-28, 2010. Jogimarhi, Uttarakhand.
 17. Member of organizing committee, **Symposium on Understanding global Climate Change**, 23rd November 2009. Department of Geography, Shaheed Bhagat Singh (E) College, University of Delhi, New Delhi.
 18. **Convener, Academic Lecture Series of Shaheed Bhagat Singh(E) College on Natural Resources Management in the context of Mountain Regions** by Dr. M. S. Panwar, Reader, Department of Geography, H.N.B. Garhwal University, Srinagar, Uttarakhand on 16th February, 2008 at the Department of Geography, Shaheed Bhagat Singh (E) College, University Of Delhi.
 19. Member of the Organizing Committee, **National Workshop on Management of Resources (Water, Forest, Land etc.) For Uttarakhand: Role of Community, N. G. O. Government and Stakeholder**. District Pauri- Garhwal, Uttarakhand India. December, 24-25, 2007.
 20. Convener, Association of Geographical Studies (AGS) **Seminar on Geography in the 21st Century: Issues and Challenges** March 9th 2002. Delhi School of Economics, Department of Geography, University of Delhi, Delhi.
 21. Member of the Organizing Committee, **National Seminar on Sustainable Development of Mountain Environment**. July 11th-14, 2001. Manali, Himachal Pradesh.
 22. Member of the Organizing Committee, **Canada International Development Agency (CIDA) and Shastri Indo-Canadian Institute (SICI) Partnership Project, Dissemination Workshop** November 3rd-4th 2000, Delhi University, Delhi.
 23. Member of the Organizing Committee, **National Seminar on Environmental Degradation in Rural Urban Fringe**. March 30-31, 1999, University of Delhi, Delhi.
 24. Member of the Organizing Committee, **National Seminar on Sustainable Development of Mountain Environment**. March 27-28, 1998. University of Delhi, Delhi.
 25. Member of the Organizing Committee, **Ninth Conference of Indian Institute of Geomorphologists on Geomorphology and Environmental Management**. January 30- February 1, 1998, University of Delhi, Delhi.
 26. Member of the Local Organizing Committee, **4th International Regional Science Association Conference on New Economic Policy and Regional Sustainable Development**. January 31-February 2, 1997, University of Delhi, Delhi.
 27. Member of the Organizing Committee **Shastri Indo-Canadian Institute, Distinguished Speaker's Programme**, Mrs. Margret Catley-Carlson, President Population Council, Former President, Canadian International Development Agency, March 15, 1995. University of Delhi, Delhi.
 28. Member of the Organizing Committee, **One Day Workshop on Sustainable**

Development of Mountain Environments in India and Canada with Karl Pearson, Former Minister of Canada, Member of Canada International Development Agency. January 16, 1996 University of Delhi, Delhi.

29. Member of the Organizing Committee, **International Seminar on Sustainable Reconstruction of Highland and Headwater Regions**. October 6-8, 1995. University of Delhi, Delhi.
30. Member of the Organizing Committee, **CIDA-SICI Partnership Project Workshop on, Sustainable Development of Mountain Environments in India and Canada**. June 30- July 2, 1995, Manali Himachal Pradesh.
31. Member of the Organizing Committee, **International Seminar on Disasters Environment and Development**, December 9-12, 1994, University of Delhi, Delhi.
32. Member of the Organizing Committee, **CIDA-SICI Partnership Project Workshop on, Sustainable Development of Mountain Environments in India and Canada**. June 28, 94, Delhi university, Delhi.
33. Member of the Organizing Committee, **International Seminar on Monitoring Geosystem: Perspectives for 21st Century**. December 6-9 1991, University of Delhi, Delhi.

Awards/Grants/ Fundings

1. **Financial Grant from Alfred Wegner Institute for REKLIM 2nd International Conference in Berlin for International Conference Our Climate Our Future - Regional Perspectives on a Global Challenge**, Berlin, Germany September, 23-25, 2009.
2. **Financial Grant from NASA for IPC 12, 2019 International Conference**, University of California, Irvine, USA, June 18-22, 2019.
3. **Financial Grant for Indian Council of Social Science Research (ICSSR) – Japanese Society for Promoting Science (JSPS) joint Programme on International Seminar of Geography between Hiroshima University and University of Delhi**. December 23-26, 2016.
4. **Financial Grant for Teach the Teacher” Workshop at University of Fribourg, Switzerland**. The Global Programme on Climate Change (GPCC) of the **Swiss Agency for Development and Cooperation (SDC)** and Indo-Swiss project titled Indian Himalayas Climate Adaptation Programme (IHCAP) with the Partnership of Department of Science and Technology, Government of India within the agenda of National Mission on Sustaining the Himalayan Ecosystem (NMSHE) from June 30 to July 6, 2016.
5. **Travel Grant Financial Assistance from University of Delhi** to participate in 33rd International Geographical Union (IGU) Congress at Beijing China from August 21-25, 2016
6. **Financial Grant from Centre for Mountain Studies, Perth College, University of the Highlands and Islands, Crieff Road, Perth, Scotland UK** for Mountains of our Future Earth’ Conference, Perth, Scotland, UK 2015
7. **Financial Grant from International Council for Science ICSU)** for Our Common Future under Climate Change Conference, **UNESCO Paris France**. 2015
8. **Financial Grant from Mountain Research Initiative, Institute of Geography, University of Bern, Switzerland** to attend Global Fair of Mountain Observatories at University of

Nevada, Reno, USA.2014

9. **Financial Grant from European Commission** for European Geological Science Congress Participation in 7th EUROGEO Congress at Bologna, Italy, 2012.
10. **United Nations Organization International Polar Year 2012** Financial Grant from **Aboriginal Affairs and Northern Development, Government of Canada** for International Polar Year Conference, Montreal, Canada April 2012.
11. **NASA** Financial Grant for GLP 2010 Open Science Meeting, Arizona State University Tempe, Arizona, USA, October 2010.
12. **International GeoScience Education Organization (IGEO)** Financial Grant for University of Witwatersrand, Johannesburg, South Africa. August-September 2010.
13. **Oxford University** Financial Grant, for Food Security and Environmental Change Conference, April, 2008.
14. **International Geographical Union (IGU)** Commission on Marginal Regions, Financial Grants, Kitami, Hokkaido, Japan, 2007.
15. **International Geo Science Education Organization (IGEO)** Financial Grant, Bayreuth, Germany, 2006.
16. **Global Carbon Project Financial Grant** from National Institute of Atmospheric Research, Denver, Colorado, U. S. A. 2005.
17. **University Grants Commission (UGC)** Travel Grants for GGRS Conference, Gottingen, Germany. 2004.
18. **UNESCO (Paris) Financial Grant**, for UNESCO Conference on Global Health and Equity, Paris, France 2001
19. **Indian National Science Academy (INSA) Financial Grants** for IGU Conference Stockholm, Sweden, 2001.
20. **University Grants Commission (UGC Travel Grants** for IGU Conference, Tague, South Korea, 2000.
21. **National Association of Geographers, India (NAGI)**, Young Geographers Award 2000, Dharwad, Karnataka, India.
22. **United Nations University, Tokyo, Host and Travel Grant Award** in 29th IGC, Seoul, South Korea, 2000.
23. **UNESCO / IAHS (International Association of Hydrology Sciences) Financial Grant** to attend at ICIMODE, Kathmandu, Nepal, 1996.
24. **International Geographical Union (IGU) Young Scientists Host and Travel Grant** in 28th IGU, The Hague, the Netherlands, 1996.
25. **Canada International Development Agency (CIDA) and Shastri Indo-Canadian Institute (SICI)** Research Fellow, 1995.
26. **Commonwealth Geographical Bureau(CGB)**, Financial Grant to attend the International Seminar on the *Global Change and Commonwealth* at University of Hong Kong, Hong Kong, 1994.

INTERNATIONAL ACADEMIC EXPERIENCES

Presented Research Papers/Delivered Lectures/Conducted Fieldwork in about **35** Countries.

INVITED LECTURES/ RESOURCE PERSON

As an Invited Speaker/Eminent Speaker/Resource Person/Keynote Speaker delivered more than 90 Lectures on various topics related to Himalayan Geoecology.

Signature of Faculty Member