



Dr. Renuka Thapliyal

Associate Professor

Department of Geography

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Educational Qualifications and Present Status

- Ph.D. from **Indian Institute of Technology Delhi, New Delhi** with specialization in Urban Sustainability of fragile ecosystems specifically Himalayan Region
- M. Sc. Geography (**Gold Medalist Himachal Pradesh University, India**)
- Certificate Course in German Language (**Gold Medalist Himachal Pradesh University, India**)
- Recipient of **Gold Medal & Santosh Shiksha Puruskar** by **HIMOTKARSH (Sahitya, Prakashn Aivm Jankalyan Parishad, H. P.)** for securing first position in M. Sc. Geography in the state
- At present working as an Associate Professor in the Department of Geography, G.D.C. Banjar, Kullu, Himachal Pradesh, India and Assistant Co-ordinator IGNOU SC-1148 GDC Banjar.

Hi..... what describes me is a nature loving person, who enjoys her work and accepts challenges. This is one of the reason behind my longest stay at the pristine valley of Banjar, located in The Great Himalayan National Park area, with its traditional culture and simplicity. The other reason could be ascertained to the fact that giving service to rural students would be a challenge especially for a person trained in an entirely different mechanical environment. I attained my Doctoral Degree from one of the most eminent institutes of India, Indian Institute of Technology Delhi. Before joining my research I had been teaching Geography at various places in the state of Himachal Pradesh, primarily a hill state of India. As a person interested in Ecology and Geography, sustainability of the

ecosystem always comes to my mind. My training as a Science student at graduate level and a Geography student at masters' level has exposed me to various aspects of development and environment, question of livelihood in urban areas, the question of expansion of settlement in the hilly regions, importance of green-space in cities especially in fragile ecology and related aspect needed to understand urban ecosystem. I have a training on Remote Sensing and GIS in Urban and Regional Planning from Indian Institute of Remote Sensing ISRO (Indian Space Research Organisation), which has further helped me in understanding different kinds of land-use/land cover transformation in cities. The incorporation of new technology has enabled me to integrate various socio-economic and physical aspects of sustainability and environment. My participating and presenting papers in various national and International conferences has further enabled me to explore the concept of fragile hill ecosystems.

As a teacher I have not only focused on the syllabi of students but always helped them in their overall personality development by inculcating humane values. As a senior member of staff I am helping the administration by my involvements in various college committees.

Major College Assignments

1. Acted as Centre Superintendent for conducting University RUSA Examination many times
2. Controller of Exam
3. NAAC Coordinator
4. RUSA Coordinator at the time of accreditation
5. Coordinator of Ek Bharat Shrestha Bharat Club under RUSA
6. Writing of various reports for NAAC, RUSA, Annual College reports etc. and preparation of developmental plans
7. Chief convener Admission committee
8. Development of College website and Office Management System
9. Convener Time Table committee
10. Played key role in the formulation of Old Students Association of GDC Banjar.

Colleges Served

1. Government College Ghumarwin (District Bilaspur)
2. Government College Arki (District Solan)
3. Centre of Excellence Sanjauli Shimla (District Shimla)
4. R.K.M.V. Shimla (District Shimla)
5. Government College Banjar (District Kullu)

Courses and Workshops

Apart from successfully completing refresher courses and training programmes mandatory for teachers various other courses completed are:

2020-Successfully completed “21 days online GIS training program using QGIS” conducted by the Department of Geography, School of Earth Sciences, Central University of Karnataka, India, jointly with State Institute of Urban Development, Karnataka, India from dated 13-07-2020 to 02-08-2020.

2020- Successfully completed Seven Days Online Faculty Development Programme (FDP) on “ICT Interventions in Higher Education” from 14th to 20th June, 2020 organised by Chaudhary Charan Singh University, Meerut, UP.

2020-Attended Two Week Faculty Development Programme (FDP) on “Earth, Environment and Space Sciences for Mankind” from 21st to 30th May 2020 organised by the Department of Geography, Faculty of Earth, Environment and Space Sciences Chaudhary Bansi Lal University, Bhiwani.

2014- Off- Campus Outreach Certificate Program in Basic course on ‘Remote Sensing, Geographical Information System & Global Navigation Satellite System’ conducted by Indian Institute of Remote Sensing, Dehradun Indian Space Research Organisation (ISRO) Department of Space, Government of India and sponsored by National Natural Resources Management System (NNRMS) from 4th August to 14th November, 2014.

2013-Participated in IIRS User Interaction Meet (IUIM)-2013 on 11-12 March, 2013, at IIRS, Dehradun, Organized by Government of India Department of Space ISRO (Indian Space Research Organization), Indian Institute of Remote Sensing Dehradun.

2011-Participated in a 3-day UGC Sponsored Short Term Course on Disaster Management held from 19th-21st December, 2011 at Academic Staff College Himachal Pradesh University, Shimla.

2009-course on *Computer Applications in Social Sciences* conducted by the Centre for Social Studies, Surat from 16th to 25th March 2009 sponsored by the (ICSSR) Indian Council of Social Science Research, New Delhi.

2007-ISRO sponsored NNRMS (National Natural Resource Management System) course on *Remote Sensing in Urban and Regional Planning from IIRS* (Indian Institute of Remote Sensing), Dehradun from 7th May-29th June, 2007.

2007 - Workshop organized by *IIRS on EDUSAT based Distance Learning* for Remote Sensing, GIS and GPS.

2007 - One day interactive workshop programme on *Space Technology Enabled VRC's* (Village Resource Centers) on 25th August, 2007 at Y. S. Parmar University of Horticulture and Forestry, Nauni, Solan, H.P.

2006-*Springboard Women's Development Programme* organized under the Springboard project 2005 from November 2005 to March 2006. A joint collaboration of the women studies network of Indian Universities and British Council Division, British High Commission.

2006- Participation in a survey of children across the country conducted by the citizens of India for the *Annual Status of Education Report (ASER)* October-November, 2006.

2005 - *Basic Training Course for Ranger Leader* held at Tara Devi (Bharat Scouts and Guides, H.P.) from 21st-27th March, 2005.

2005 - Workshop on climate change organized by TERI (The Energy Research Institute) on 25th August, 2005 at St. Bede's college, Shimla, H.P.

2000- Workshop on the topic *Management of Diversity for India in New Millennium* by Ford Foundation Project Workshop (LEAD) on 8th -9th June, 2000.

Seminars/Conferences/Symposium

2002 – Participated in National seminar on *Environment and Sustainable Development in Uttarakhand Himalayas* organized by D.A.V. College, Dehradun in collaboration with Anthropological Survey of India, Kolkata.

2008- A paper entitled '*Sustainability of water supply in the hill town of Shimla, India*' presented in an International Conference on Water Supply Policy in South Asia held at Colombo Srilanka from 17th -20th December, 2008.

2010- A paper entitled '*Development and Drying up of Water Sources in Shimla's Catchment: A Case Study of Kufri Area*' presented in National Seminar on Global Changes & Challenges organized by N.R.E.C. affiliated to Meerut University from 14th - 15th March, 2010.

2010- A paper entitled '*Impact of Global Climatic Change on Agricultural Production and its Future Implications for People in the Himalayan State of Himachal Pradesh*' presented in National Seminar (Sponsored by ICSSR New Delhi) on Climate Change and Socio Economic Development in India-Spatial and Temporal Variation organized by the Department of Geography, Meerut College, Meerut from 8th -9th May, 2010.

2010- A paper entitled '*Impact of Climate Change on Biodiversity and Concerns of Protected Area Tourism for the Climate Sensitive State of Rajasthan*' presented in National conference (Sponsored by University Grants Commission) on Climate Change, Impacts and Mitigation Strategy for Sustainable Development with Special Reference to Rajasthan organized by S.N.K.P. Govt. College, Rajasthan from 2nd -3rd October, 2010.

2011- A paper entitled '*Impact of Climate Transformation on the Hydroelectric Projects of Himachal Pradesh and Future Challenges*' presented in National seminar (Sponsored by University Grants Commission) on Climate Transformation and Socio-economic Development-Issues and Challenges organized by the Department of Geography, Meerut College, Meerut from 26th - 27th Feb., 2011.

2011- A joint paper entitled '*Being Tibetan in Shimla: Cultural Hybridity and Social Development of the Tibetan Diaspora*' presented in International conference (Sponsored by Ministry of Overseas Indian Affairs, Indian Council of Social Science Research, Indian Council for Cultural Relations and Reserve Bank of India) on Diaspora and Development: Prospects and Implications for Nation States organised by School of

Extension and Development Studies, School of Interdisciplinary and Trans-disciplinary Studies Indira Gandhi National Open University, New Delhi, on 7th -8th September, 2011.

2011- Participated in National Seminar-cum-Colloquium on Choice-based and Credit-based System for Assessment and Evaluation Himachal Pradesh University, on November 28, 2011.

2011- A paper entitled '*Relating Eco-feminism With the Contemporary Women Issues of Banjar Area of Kullu District in Himachal Pradesh*' presented in National Seminar on Women Empowerment: Contemporary Concerns organised by HPIMS, Shimla, Himachal Pradesh, on 10th -11th December, 2011.

2012- Participated as delegate and Rapporteur in the National Seminar on 'Impact of Disasters on Economic Development' organized by Disaster Management Centre on 5th May, 2012 at Himachal Pradesh Institute of Public Administration (HIPA) Fairlawns, Shimla.

2012- A joint paper entitled 'Hydroelectric Projects and Livelihood Issues of Tribals: A Case Study of the Kinnaur District of the Himalayan State of Himachal Pradesh, India' was presented in an International symposium on 'Mountain Resource Management in a Changing Environment' organised by The Aquatic Ecology Centre, Kathmandu University and Institute of Forestry, Tribhuvan University in collaboration with the Department of International Environment and Development Studies (Noragic), University of Life Sciences, Norway at Park Village Resort, Budhanilkantha, Kathmandu, Nepal, from 29th-31st May, 2012.

2013- A paper entitled 'Noise Pollution and Health Issues in Indian Cities' was presented in National Seminar on Population Growth and Environmental Degradation in India on 17-18th February, 2013 at Pt. Sunderlal Memorial Post Graduate College, Kannauj, U.P.

2013- Participated in IIRS User Interaction Meet (IUIM)-2013 on 11-12 March, 2013, at IIRS, Dehradun, Organized by Government of India Department of Space ISRO (Indian Space Research Organization), Indian Institute of Remote Sensing Dehradun-248001.

2014-A paper entitled 'Sustainable Development of Shimla' presented at the International conference on Environment, Technology and Sustainable Development: Promises and Challenges in the 21st Century organised by ABV- Indian Institute of Information Technology and Management Gwalior, Madhya Pradesh, India in collaboration with

Center for Ecological Economics and Natural Resource, Institute for Social and Economic Change Bangalore, Karnataka and College of Arts and Science, University of San Francisco, California, USA on March 2-4, 2014.

2015-My paper entitled 'Carrying Capacity of Shimla: Assessing its Bio-physical Resource Base' presented in International Conference on 'Sustainable Urbanization in India: Challenges and Opportunities' organized by the Institute of Development Studies Kolkata in association with the Indian Institute of Technology Bombay and funded by the Indian Council of Social Science Research on January 15 and 16, 2015.

2015- Participated in the international conference on "*Global environmental change in the Himalayan Region: Controversies, Impacts, Futures*" between 06.-08.11.2015, held at the India Habitat Centre, New Delhi sponsored by DWIH (German House for Research and Innovation - New Delhi), HCSA (Heidelberg Centre South Asia), South Asia Institute Heidelberg, TERI University, FU Berlin with partners Friedrich Naumann Foundation, GIZ-Deutsche Gesellschaft für Internationale Zusammenarbeit, Göttingen University, TUM.

2016 -Organized a seminar for students on 'Basics of Geographic Information System (GIS)' on 5 October 2016. The workshop was facilitated by Dr. J.C. Kuniyal, Scientist-F & Theme Head Environmental Assessment and Management & Environmental Governance and Policy G. B. Pant National Institute of Himalayan Environment & Sustainable Development. It was designed to provide basic knowledge of GIS and Remote Sensing which has recently evolved as an integrating field of study and helpful in shaping careers.

2016 -Invited to attend 3rd Popular Lecture on the occasion of 129th Birth Anniversary of the Bharat Ratna Pt. Govind Ballabh Pant on 10 September 2016 at G. B. Pant National Institute of Himalayan Environment and Sustainable Development, Himachal Unit, Kullu.

2016 -Invited as an external examiner for the M. Tech Programme in "Urban Resources, Services & Facilities Analysis" at IIRS (ISRO), Dehradun on 21st March, 2016.

2018 -Delivered an invited lecture on the topic 'Sustainable Development' as a guest speaker in S.S.V. College Hapur affiliated to CCS Meerut University on 24th January 2018.

2018 -Delivered an invited lecture on the topic ‘Conservation of Water’ as a guest speaker in N.R.E.C. affiliated to CCS University Meerut on 31st January 2018.

2018 -Invited by Chief Project Director, HP Forest for Prosperity Project, Tallend (Office of Forest Department Headquarters) Shimla to give a presentation before World Development Bank Mission Team on various issues related with forest and water management system of Shimla.

2020-Participated in Global Webinar organized by Alumni Association of JNU along with Department of Biotechnology on “Global Research Perspectives to Pandemic COVID 19” on 13th June 2020.

2020-Participated in Two Days International Webinar on Geospatial Technology & Sustainable Environment organized by Department of Geography Faculty of Humanities & Social Sciences, IASE Deemed to be University, Sardarshahr, Churu Rajasthan in collaboration with Swami Shraddhanand College (University of Delhi) and Netra Institute of Geoinformatics Management & Technologies Foundation, Dwarka, New Delhi on 25th & 26th June, 2020.

2020-Participated in Webinar "Japan and India - Historical and Cultural Partnership" held on July 17, 2020 organised by IQAC, Jesus and Mary College, University of Delhi, India in collaboration with the South Asia Research Centre (SARC), Soka University, Japan.

Publications

2012-‘River Water Pollution in India and its Management’ article published in edited book Water: The Epic Struggle For 21st Century Aavishkar Publishers, Jaipur, Rajasthan (ISBN 978-81-7910-404-0) 217-221.

2013- My joint paper entitled ‘Hydroelectric Projects and Livelihood Issues of Tribals: A Case Study of the Kinnaur District of the Himalayan State of Himachal Pradesh, India’ published in the Proceedings of ‘International symposium on Mountain Resource Management in a Changing Environment’ on page 87-99, May 29-31, 2012 Kathmandu Nepal Organized by Kathmandu University and Institute of Forestry NUFU HIMUNET Project, Pokhara, Nepal Edited by Mohan K. Balla, Roshan M. Bajracharya and Subodh Sharma.

2014- A chapter entitled ‘Integration and ‘Limited Acculturation’ of Tibetans at Shimla: Experience and Perceptions of a Diaspora’ published with Dr. Vibha Arora as joint author in the book "Global Diasporas and Development: Socioeconomic, Cultural, and Policy Perspectives" page 267-281 Edited by Sadananda Sahoo and B. K. Pattanaik. DOI 10.1007/978-81-322-1047-4 © Springer India 2014.

2019-A chapter entitled ‘Impact of Climate Change on Biodiversity’ in edited book (ISBN-814289075-6) has been published in book “Global Warming & Climate Change” edited by Rohtas Godara and R.N. Choudhary in 2019 by Indian Publishing House Jaipur.

Memberships

1. Life Member of Association of Punjab Geographers (Registered under societies Act 21 of 1860, No.1902 of 1998-99).
2. Life member of Alumni Association Indian Institute of Technology Delhi.
3. Life member of Alumni Association of Government of India Department of Space, Indian Institute of Remote Sensing Dehradun (ISRO).
4. One of the Members in the Panel of Examiners in Government of India Department of Space, Indian Institute of Remote Sensing Dehradun (ISRO).
5. Remained a member of Springboard Women’s Development Programme a joint collaboration of the women studies Network of Indian Universities and British Council Division, British High Commission.
6. Remained a member of Subcommittee, Constituted for the selection of books under RRRLF Programme 2006-07 and 2007-08 by The Directorate of Education H.P.