

Dr.-Ing. Riyan Habeeb

PUBLICATIONS UNTIL 2020

Peer-Reviewed Journals

- Pandey A, Singh V, **Habeeb, R.**, Singh, M. (2020). *Mapping Institutional Landscape for Integrated Urban Water Management in Haldwani City, Uttarakhand*. New Angle: Nepal Journal of Social Science & Public Policy, Nepal Policy Research Network.
- **Habeeb R.**, Gupta Y., Chinwan, H., Barker E. (2019), *Assessing Urban Water Insecurity due to Changing Climate and Demographic Pattern in Haldwani City, Uttarakhand: A GIS based Spatial Analysis*. Journal of Geo-visualization and Spatial Analysis. SPRINGER NATURE, Switzerland. (DOI: 10.1007/s41651-019-0031-4)
- **Habeeb R.**; Javaid S. (2019). *Social Inclusion of Marginal in the Great Climate Change Debate: Case of Slums in Dehradun, India*. SAGE SOCIAL Open, London UK. (DOI: 10.1177/2158244019835924)
- Bajracharya, M., Dahal, N., Neupane, K., Singh, V., **Habeeb, R.** (2019). *Urban Water Security Challenges in the Nepal and Indian Himalaya in the Context of Climate Change*. Resources and Environment 2019, 9(1): 9-18. Scientific & Academic Publishing, California, USA. (DOI: 10.5923/j.re.20190901.02)
- Gupta, Y., **Habeeb, R.**, Singh, M., Barker, E., Singh, V. (2019). *Gender Contribution in Household Management of Water and its Impact on Residents of Dholak Basti Slum in Haldwani City, Uttarakhand*. wH2O, The Journal of Gender & Water, University of Pennsylvania.
- **Habeeb R.** (2017). *Analysis of Major Parameters of Smart Cities and their Suitability in Indian Context*. Chapter contribution in Book 'From Poverty, Inequality to Smart City', Proceedings of National Conference on Sustainable Built Environment, IIT Roorkee, 2015. SPRINGER Singapore (Published ISBN 978-981-10-2139-8)
- **Habeeb R.**; Lakra H. S. (2016). *From City Resilience to Micro-Resilience: Gorakhpur A Case Study*. Indian Institute of Town Planners Journal, Volume 13(4).
- **Habeeb R.** (2010). *SECMOL : A Trans-Himalayan Odyssey, Case study on vernacular Building Materials And Climate Responsive Architecture in Ladakh*. Time, Space & People, August Issue.

Conference Papers & Book Chapters

- **Habeeb R.**; Javaid S. (2018). *Using GIS Interpolation Technique to Assess Urban Air Quality and Evolve Remediation Strategies*. International Conference on Aerosols, Air Quality and Climate Change on Himalayan Region of Uttarakhand, 21-23 Oct 2018, HNB Gharwal University, Srinagar, Uttarakhand. (Published as book chapter in Advancement in Basic & Applied Sciences, ISBN 9789384866907)
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- Javaid S.; **Habeeb R.** (2018). *Participatory Planning in Urban Green Spaces: A Step towards Environmental and Social Equity*. 6th National Seminar on Architecture for Masses on Environmental Remediation and Rejuvenation, JMI, India, February, 2018 (Published - ISBN 9788192031514)
 - Javaid S.; **Habeeb R.** (2018). *Futuristic Urbanism: Socio-Environmental Regeneration through Vertical Greening*. International Conference on Futuristic Trends in Architecture, SAP, Sharda University, India, September, 2017 (Published - ISBN 93-86754-13-4)
 - Javaid S.; **Habeeb R.** (2017). *Vegetation Indices as a Strategic Tool Landscape Planning A Case of Biotope Area Factor & Green Plot Ratio*. 12th Annual ISOLA Conference, Goa, January 2017.
 - Sharma D.; Singh R.; **Habeeb R.** (2015). *Capacity Building for Building a Sustainable & Smart Urban India*. Briefing Paper for TERI-APN's Capacity Building Program on Urban Climate Change Resilience.
 - Devadutt S.; **Habeeb R.** (2012). *Test of Airflow in a Mono-directional Wind-catcher for various Wind Conditions using Computational Fluid Dynamics*. Paper Presentation & Publication in National Conference on 'Emerging trends of Energy Conservation in Buildings' at Central Building Research Institute (CBRI), Roorkee.
 - **Habeeb R.** (2007). *Culture in the City* (First Prize). Paper Presentation at National Conference, 'Cognizance', IIT Roorkee.
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Working Papers

- Singh V., **Habeeb R.**, Singh M. (2018). *Climate Change, Water Stress and Urbanization in Himalayan City of Mussoorie: Challenges, Strategies and Way Forward*. Under IDRC Funded 'Climate Adaptive Equitable Water Management Practices & Strategies', (CAWMPS) Project.
- Pandey A., **Habeeb R.**, Singh V., Barker E. (2018). *Spatial Analysis of Urban Water Sensitivity, Demographics and Institutional Responses in Hill Town of Mussoorie, Uttarakhand*. Under IDRC Funded 'Climate Adaptive Equitable Water Management Practices & Strategies', (CAWMPS) Project.

Research Reports

- *Water Balance Plan: Landscape Assessment of Dehradun City*, March 2021, Technical Research Report prepared with EveryULB & CURE India Team under USAID Funding.
- *Climate Adaptive and Water Management Practices and Strategies for Cities in South Asia*, September 2019. Technical Project Report submitted to IDRC-CRDI Canada. CEDAR Dehradun.
- *State Level Engagement for Mainstreaming Urban Climate Resilience Policy for Goa & Uttarakhand*, July 2016. The Energy & Resources Institute (TERI), Delhi.

Policy Brief

- *Climate Adaptive Water Management Practices and Design Strategies for Western Himalayas*, 2019, Centre for Ecology Development and Research (CEDAR). Published under IDRC Funded 'Climate Adaptive Equitable Water Management Practices & Strategies', (CAWMPS) Project.
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