

**Research Interests** Madhuri's research interests lie at the intersection of vulnerability to climate change and measures for adaptation and resilience. Her work relates to conceptualizing and measuring vulnerability and adaptive capacity to natural hazards and climate risk. In the recent years she has investigated how farmers perceive climate change. She also explored the quality climate information services and role of Information and Communication Technology (ICTs) and agro-met advisories in farmer's decision making.

- Education**
- **Post-Doctoral Fellow (PDF):** 2017-Present, Department of Humanities and Social Sciences, Indian Institute of Technology (IIT), Delhi.
  - **Doctor of Philosophy (PhD):** 2009-2014, Department of Humanities and Social Sciences, Indian Institute of Technology (IIT), Kharagpur, West Bengal. Thesis title: 'Impact of Flood on Livelihood Resilience'.
  - **Master of Arts:** 2004-2006, (1<sup>st</sup> Class, 67%), P G Department of Sociology, Tilka Manjhi Bhagalpur University, Bhagalpur, Topper of the Batch
  - **Bachelor of Arts (Sociology Honors):** (2002-2004), (1<sup>st</sup> class, 63%), Tilka Manjhi Bhagalpur University, Bhagalpur. Topper of the batch.
  - **Class XII, BIEC, Patna:**(2001) (1<sup>st</sup> class, 65%), S M College, Bhagalpur, Bihar
  - **Class X, BSEB, Patna:** (1999), (2<sup>nd</sup> class, 57.5%), Navsathapit Zila School, Bhagalpur, Bihar

- Publications (including forthcoming)** *Journal papers (peer reviewed):*
- **Madhuri, Sharma, U. (2020).** How do farmers perceive climate change? A systematic review. *Climatic Change* 162, 991–1010  
<https://doi.org/10.1007/s10584-020-02814-2>.
  - **Madhuri. (2016)** , The Impact of Flooding in Bihar, India on Women: A Qualitative Study, *Asian Women*, 32 (1), 31-52, Sookmyung Women's University, Seoul, KOREA
  - **Madhuri, Tewari, H. R., & Bhowmick, P. K.** (2016) Living with Flood: A Livelihood Resilience Approach of Rural People in Bihar, India. *International Journal of Risk Analysis and Crisis Response*, Volume 6, Issue 2, pp.48-66 Atlantis Press, Paris, France. <https://doi.org/10.2991/jrarc.2016.6.2.1>
  - **Madhuri. (2015)** Difference in Caste, Head of Households, and Income impact on Livelihood Resilience. *Asian Journal of Environmental and Disaster Management*. 6 (2), 1–23, ISSN: 1793-9240, Singapore.  
<http://rpsonline.com.sg/journals/101-ajedm/2014/0603/1010603-toc.html>

- **Madhuri, Tewari, H. R., & Bhowmick, P. K., McCormick. M. (2015)** Impact of Flood Experience, Education, and Support on Livelihood Reconstruction after flood, *International Journal of Sociology & Social Welfare*, Vol. 42: Iss. 4, Article 1. Available at: <https://scholarworks.wmich.edu/jssw/vol42/iss4/1>
- **Madhuri, Tewari, H.R., & Bhowmick, P. K. (2014).** Livelihood vulnerability index analysis: An approach to study vulnerability in the context of Bihar. *Jàmbá: Journal of Disaster Risk Studies*, 6(1), 13 pages. doi:<https://doi.org/10.4102/jamba.v6i1.127>
- **Madhuri, Tewari, H.R. & Bhowmick, P.K. (2015).** Ingenuity of skating on marshy land by tying a pot to the belly: Living with flood is a way of life. *Environ Dev Sustain* **17**, 1287–1311. <https://doi.org/10.1007/s10668-014-9605-y>.
- **Madhuri, Tewari, H. R., & Bhowmick, P. K. (2014)** Is Naxalite Defiance is a War of Treason or Attrition. *Man, and Life*, 40 (1 & 2), ISSN 0972-4109.
- **Madhuri (2014)** Pre-existing Inequality Creates Differences in Livelihood Resilience, *Journal of Exclusion Studies*. 4(1), ISSN No 2231-4547.
- **Madhuri, Sharma, U.** How fit is the quality of climate forecast information in meeting the needs of farmers? A systematic review (in review)

**Book chapters:**

- **Madhuri, & Kumar, R. (2021).** Linkages Between Climate Change Adaptation and Development In: Leal Filho W., Azul A.M., Brandli L., Lange Salvia A., Wall T. (eds) Industry, Innovation and Infrastructure. Encyclopedia of the UN Sustainable Development Goals. Springer, Cham. [https://doi.org/10.1007/978-3-319-71059-4\\_69-1](https://doi.org/10.1007/978-3-319-71059-4_69-1).
- **Kumar, R., & Madhuri (2021).** Witch-Hunting: A Mute Atrocity Against Indigenous Women, In: Leal Filho W., Azul A.M., Brandli L., Lange Salvia A., Özuyar P.G., Wall T. (eds) Peace, Justice and Strong Institutions. Encyclopedia of the UN Sustainable Development Goals.
- **Madhuri (2021)** “Integrating Local Knowledge and Government Support for Climate Change Adaptation in Africa” T. Walker et al. (eds.), Business and Policy Solutions to Climate Change, Palgrave Studies in Sustainable Business In Association with Future Earth, [https://doi.org/10.1007/978-3-030-86803-1\\_18](https://doi.org/10.1007/978-3-030-86803-1_18)

**Professional Employment**

- **January 2015 to June 2015:** Assistant Professor, Jaipur National University, Jaipur
- **August 2014 to December 2014:** Assistant Professor, The IIS University, Jaipur
- **January 2007 to June 2009:** Lecturer, M. L. J. Degree College of Tilka Manjhi Bhagalpur University, Bhagalpur

**Conferences and Workshops**

- "Generative Fusion Approach between Local Knowledge and Government Interventions in Climate Change Adaptation". 6<sup>th</sup> International Climate Change Adaptation Conference, New Delhi, **5 th Oct- 8 th oct, 2021.**

- Coping With or Adapting to Climate Change Impact on Agriculture: A Content Analysis Eleventh INSEE Biennial Conference, Indraprastha Institute of Information Technology, New Delhi, **15-17 December 2021**
- Discrimination against Women after Flood Devastation in Bihar, *Contemporary Indian Society & Social Inclusion: Challenges & Strategies*, **12-13 September (2014)**.
- Naxalite Movement in Bihar: Current Trend and Remedies, *International Conflict Roundtable Conference*, **Tata Institute of Social Sciences, 17<sup>th</sup> -18<sup>th</sup> April (2012)**.
- Cause and remedy of Fears in Ethnic groups by Madhuri. *International Seminar on Ethnicity and political Mobilization*, **3<sup>rd</sup> -5<sup>th</sup> December (2011)**.
- A Sociological Study of Attitude of Women in Higher Education Regarding Violence and its different aspect, *XXXVII All India Sociological Conference*, **11<sup>th</sup> -13<sup>th</sup> December (2011)**.
- Methodology in Gender studies, *Workshop in Gender studies*, **14<sup>th</sup> December (2011)**.
- Vulnerability Assessment and Climatic crisis: A Case study in Flood prone village of North Bihar by Madhuri *National conference of Environmental Sociology*, **3<sup>th</sup> July (2010)**.
- Antecedent of Women Violence and Government policies: Some Issues by Madhuri *XXXVI All India Sociological Conference*, **27<sup>th</sup> -29<sup>th</sup> December (2010)**.
- Sociology in Action, *Young Sociologist Workshop*, **25<sup>th</sup> -26<sup>th</sup> December (2010)**.
- Statistical Modelling for Data Analysis (SMDA), *MHRD/AICTE sponsored short-term course IIT Kharagpur*, **30<sup>th</sup> November-11<sup>th</sup> December (2009)**.
- Statistical Modelling for System (SMS), *MHRD/AICTE sponsored short-term course IIT Kharagpur*, **21<sup>th</sup> December - 24<sup>th</sup> December (2009)**.
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#### Awards Received

- UGC Post- Doctoral Fellowship for Women 2017
- Institute Fellowship, MHRD, IIT Kharagpur
- UGC NET-JRF 2007
- Honorary life membership of the Indian Society of Ecological Economics (awarded 2020.)

<b>Journal</b>	Environment, Development and Sustainability
<b>Reviewer:</b>	
<b>Statistical Skills</b>	<ul style="list-style-type: none"> <li>• <i>SPSS, AMOS, R, STATA</i></li> </ul>
<b>Names of at least three references</b>	<ol style="list-style-type: none"> <li>1. Dr. Upasna Sharma, School of Public Policy, IIT Delhi</li> <li>2. Prof H R Tewari, Department of Humanities and Social Sciences, IIT Kharagpur</li> <li>3. Prof Bani Chatterjee, Department of Humanities and Social Sciences, IIT Kharagpur</li> </ol>
<b>Personal Particulars</b>	<p><b>Date of Birth:</b> 27<sup>th</sup> January 1985      <b>Gender:</b> Female</p> <p><b>Nationality:</b> Indian</p> <p><b>Home address:</b> S15, Type 4S, Hudco Place, New Delhi - 110049</p> <p><b>Phone No.:</b> 9829474727</p> <p><b>Email:</b> madhuriptp09@gmail.com; Madhuri@hss.iitd.ac.in</p>