Curriculum Vitae



Name and Full Address: Mohd Zeeshan
Date of Birth: 5 January 1990
Place of Birth: Darhal, J&K, India
Academic Qualification: Ph.D.; Post Doctorate
Nationality: Indian
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Home Page:
Home Institution:
Higher Education Department, Governemnt of J&K, India
Present Postion
Assistant Professor Environmental Sciences, Government Degree College, Nowshera
Previous Position
Post doctoral Research at Chinese Academy of Sciences

Research Interest

- Carbon flux and soil organic carbon emission to estimate future changes in climate at regional to global scale
- Adaptation strategies towards climate change by people's participation
- Exploring traditional knowledge for its scientific content and applicability for issues of wider implications towards climate change
- Exploring associated vulnerable sectors i.e. water, soil/sediment (ecosystem) in the context of regional/global climate change

Academic Qualification:

Year	Examination	University	Subjects
2006/05/01 to 2009/07/26	B Sc.,	University of Jammu, India	Botany, Zoology, Geography
2009/07/26 to 2011/07/14	M Sc.,	Dr B R Ambedkar University, Agra, India	Environmental Sciences
2012/01/01 to 2017/05/22	Ph.D.,	Bharathiar University, Coimbatore, India	Environmental Sciences

Teaching Research Experience:

- 01/01/2012 to 22/05/2017: Ph.D. Environmental Sciences, (SACON) Bharathiar University, Coimbatore, India
- 14-03-2023 to onwards : Assistant Professor Department of environmental Sciences, GDC Nowshera

Publications (Conferences / Books / Reports / General / Peer-reviewed articles):

In peer-reviewed journals – International

1. Phyo, Z., Zhou, W., Song, Q., Wu, C., Liang, N., Yi, Y., Chen, L., **Zeeshan, M**., Myo, S.T.Z., Lu, Z. and Sha, L., 2023. Responses of aboveground litterfall respiration to unexpected snowfall events in Ailao subtropical forests in Southwest China. *Applied Soil Ecology*, *181*, p.104668.
2. **Zeeshan, M**., Wenjun, Z., Chuansheng, W., Yan, L., Azeez, P. A., Qinghai, S., ... & Liqing, S. (2022). Soil heterotrophic respiration in response to rising temperature and moisture along an altitudinal gradient in a subtropical forest ecosystem, Southwest China. *Science of The Total Environment*, *816*, 151643.
3. Gnanamoorthy, P., Chakraborty, S., Nagarajan, R., Ramasubramanian, R., Selvam, V., Burman, P.K.D., Sarathy, P.P., **Zeeshan, M**., Song, Q. and Zhang, Y., 2022. Seasonal Variation of Methane Fluxes in a Mangrove Ecosystem in South India: An Eddy Covariance-Based Approach. *Estuaries and Coasts*, pp.1-16.
4. **Zeeshan, M**., Zhang, H., Sha, L., Palingamoorthy, G., Phyo, Z., Chen, Z., ... & Azeez, P. A. (2021). Environmental Change Perception and Engagement of Mountain-Dwelling People in the Western Himalayas, at Rajouri District, Jammu and Kashmir, India. *Weather, Climate, and Society*, *13*(4), 847-857.
5. **Zeeshan, M**., Sha, L., Tomlinson, K. W., & Azeez, P. A. (2021). Factors shaping students' perception of climate change in the western Himalayas, Jammu & Kashmir, India. *Current Research in Environmental Sustainability*, *3*, 100035.

6. **Zeeshan, M**., Ali, M. A., Azeez, P. A., & Baltrėnaite, E. (2017). Soil characteristics in the floodplains of Munawar Tawi in Rajouri, western Himalayas, India. *Environmental Systems Research*, *6*(1), 1-10.
7. **Zeeshan, M**., Prusty, B., & Azeez, P. A. (2017). Protected area management and local access to natural resources: a change analysis of the villages neighboring a world heritage site, the Keoladeo National Park, India. *Earth Perspectives*, *4*(1), 1-13.
8. **Zeeshan, M**., & Azeez, P. A. (2016). Hydro-chemical characterization and quality assessment of a Western Himalayan river, Munawar Tawi, flowing through Rajouri district, Jammu and Kashmir, India. *Environmental monitoring and assessment*, *188*, 1-15.

In conferences

1. **Zeeshan M** (2014).Advance field course in ecology and conservation at XTBG, China. SACON News. Vol. 11 (3): January to April 2014: 5- 6p.
2. **Zeeshan M** (2014). Human Leopard Conflict in Rajouri district of Jammu region, Jammu and Kashmir, India. SACON News. Vol. 11 (4): January to April 2014: 5- 6p.
3. **Zeeshan M** and Azeez PA (2014). Participatory Approach to Environmental Concerns in Rajouri district of Jammu region. Rajat Jayanti Vigayan Sancharak Fellowship report. 26Pp.
4. Fontanilla AM, Khaleel M, **Zeeshan M** (2014). A comparative study on bat and small non-volant mammal species between two habitats in Xishuangbanna Tropical Botanical Garden. Xishuangbanna Tropical Botanical Garden (XTBG) course work report. 16 Pp.
5. **Zeeshan M** and Prusty BAK (2014). Environmental Scenario along river basins: A Case study on Gambhiri river, Rajasthan, India. **Environmental conference** in Central University of Kerala, India. Pp 29.
6. **Zeeshan M**, Shrivastava N and Prusty BAK (2013). Public opinion about environmental issues in the catchment of Keoladeo National Park, Rajasthan. **National Conference on Forest and Wildlife** (Present status, Future needs and Challenges Ahead) in Bharatpur, Rajasthan. Pp 35.
7. Prusty BAK, **Zeeshan M** and Shrivastava N (2013). Review of State of Environment in Keoladeo National Park, Bharatpur, Rajasthan and its catchment area: A Historical Analysis**. Planning Commission of India Report**. 135Pp.

8. **Zeeshan M** and Prusty B.A.K (2012). A Bibliographic Review of Bird Studies in Keoladeo National Park, India: Distribution, Endemism and Threat Status of Birds. **International Ornithological Congress of Southeast Asia** (IOCSEA). Pp 18.

Award/Prize/Certificate:

- RajatJyantiVigyanSancharak Fellowship Award 2012 from Department of Science and Technology (DST), Government of India, New Delhi

Conferences/symposium/training attended:

- **Advanced statistical course in ecology and conservation** from 22nd June to 28th June 2020 in XTBG, China.
- "**Training Workshop in Field Hydrology**" at Sirsi, Karnataka conducted by Ashoka Trust for Research in Ecology and the Environment (ATREE) and the foundation for Ecological research, Advocacy and learning (FERAL), 13th to 15th August 2015
- Interdisciplinary conference on "**Forest Ecology and Climate change**" from 8 April to 10 April 2015 organized by Indian Institute of Science Bangalore
- Workshop on "**The use of social media in Biodiversity conservation**" 26 to 28 February 2015 in Bangalore organized by Centre for Environment Education (CEE)
- "**Advanced field course in Ecology and conservation"** 12 October to 23 November 2014, Xishuangbanna Tropical Botanical Garden Chinese Academy of Sciences Yunnan, China
- Workshop on **"Recent advances in aquatic research"** December 12, 2013 in Kongundu arts and science college Coimbatore 641 029, Tamil Nadu, India
- Second "**International Conference on Indian Ornithology"** (Ecosystem services and functions of birds) November 19 - 23, 2013 in SACON, Coimbatore, India
- Training course on **GIS-RS** in FERAL Pondicherry - 5 January to 19 January 2013.
- Regional Workshop on "**Isotope Hydrology**" - 11 October 2012 at Karunya University, Coimbatore, India
- International meet on **"Impact of climate change on water resources development and management**" (17-18 August 2012) at Karunya University, Coimbatore, India.

- Second Symposium on "**Animal Welfare and Conservation"** (SAWC 2012), Coimbatore, Tamil Nadu, India.

Invited talks:

- Changing social practices or behavior for adapting and mitigating climate change, May 2022 at Soaring Sparrow Foundations.
- **'Climate change adaptation and mitigation actions a case study of Rajouri District, J&K, India'** in LCOY 14 held at CEE Ahmadabad from 22-24 November 2018.
- "**Climate change and Indian Himalayas**" in LCOY 13 held at CEE Ahmadabad from 11 October to 14 October 2017.
- "**Catchment changes impact on river: A Case study on Gambhiri river, Rajasthan, India**" in National Conference on "Rainwater harvesting and ground water recharge" January 3 – 4, 2014 in Government College Ajmer, Rajasthan, India.
- **"Rivers in Rajouri district of Jammu region: an alternate channel to garbage, sewage and domestic waste**" in a National Seminar on Dynamics of Environmental Degradation with special reference to water pollution in M.E.S Asmabi College, Kodungallur, Kerala held on 3rd to 4th December 2013.

Professional Development In Last Three Years:

1. As Contingent leader of J&K participated in the National Integration Camp held at Maharishi Dayanand University Rohtak from 4th to 10 November 2025.
2. Attended two days Divisional level capacity building program on Disaster Management held at GCW Parade, Jammu.
3. Attended one week Capacity Building Workshop on "Climate Change and Human Vulnerability: Bridging Science, Society, and Governance" from January 19-25, 2026 at Department of Environmental Sciences, University of Jammu.
4. As a mentor guided 11 Masters student and completed their dissertation through IGNOU.
5. Attended a 5-day Training of Trainers on Life Skills Education from 23-27 February 2025 at Rajiv Gandhi National Institute of Regional Development, Regional Centre, Chandigarh.

6. Completed ten-day virtual International Faculty Development programme (FDP) on Multidisciplinary Research Methodology, held from April 24 to May 03, 2023 organized by Government College for Women, Bhagwati Nagar, Jammu.
7. Completed 4-Week Faculty Induction/Orientation Programme for **"Faculty in Universities/ Colleges/Institutes of Higher Education"** from 23 April - 22 May, 2023 and **obtained Grade A^{+}** from Teaching Learning Centre, Ramanujan College, University of Delhi.
8. As a resource person delivered a talk on **"Changing social practices/behavior for adapting/mitigating climate change"** organized by **Soaring Sparrow Foundation** on 22 May, 2023. The recordings of all the panel discussions can be accessed at https://www.youtube.com/channel/UCn4mTZST4ysGLsaszz0gGvw

Mohd Zeeshan

Signature of applicant