DR. ASIYA NISAR BHAT

Environmental Science | Academician & Researcher

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CAREER OBJECTIVE

Dedicated academician and researcher in Environmental Science with over 9 years of teaching experience at Higher Education and Higher Secondary levels. Committed to advancing environmental education, research, and sustainable practices. Seeking a challenging faculty/research position in a reputed institution where I can contribute to academic excellence, innovation, and the holistic development of students.

EDUCATIONAL QUALIFICATIONS

Degree	Institution	Year
Ph.D. (Environmental Science)	NIMS University, Jaipur	2025
M.Phil (Environmental Science)	Awadesh Pratap Singh University, Rewa (M.P)	2013
M.Sc (Environmental Science)	Hemwati Nandan Bahuguna Garhwal University, Uttarakhand	2010
B.Sc	University of Kashmir	2006
12th	JK BOSE	2002
10th	JK BOSE	2000

PROFESSIONAL QUALIFICATION

Degree	Institution	Year / Percentage
B.Ed	University of Kashmir	2011

PUBLICATIONS

1. Salam, Bisma, Asiya Nisar, Kowser Jan, and Merve Elçiçek. "Precision Agriculture Using Smart Input Management and Remote Sensing: A Review." *VetAqua Innovations*. In press. Research Trends.
2. **Salam, B., Nisar, A., Jan, K., & Elçiçek, M. (2026).** From waste to worth: Innovative waste management in dairy & poultry farms. *VetAqua Innovations, 1*(1), Article 3. Research Trend. https://doi.org/10.65041/VetAquainnovations.2026.1.1.3
3. Hajam, M. A., Kaur, H., Manzoor, J., & Nisar, A. (2025). Integrating sustainability in small scale industries: From environmental degradation to cleaner practices. Environmental Claims Journal, 1–42. https://doi.org/10.1080/10406026.2025.2506658
4. Nisar, A., Mir, A. Q., Anuradha, J., & Sanjeevi, R. (2024). Threats to the plants with medicinal value in Anantnag District of Kashmir Valley. International Journal of Plant and Environment, 10(3), 138–144. https://ijpe.in/index.php/ijpe/article/view/610
5. Warsa Aalam, Sharma, A. K., & Nisar, A. (2024). Status of water and sanitation in some parts of Banihal Tehsil of Jammu and Kashmir India. International Journal on Emerging Technologies, 15(1), 49–52.
6. Nisar, A., Mir, A. Q., Anuradha, J., & Sanjeevi, R. (2024). Impact of climate change on the abundance of A. benthamii in the lower reaches of Pahalgam, Anantnag, Jammu & Kashmir – India. Advances in Bioresearch, 15(3), 194–200.
7. Kangroo I.N., S.U. Dintak and Nisar. A, (2014). Effects of deforestation on the edaphic features and phytodiversity of selected plants of Shangus forests, South Kashmir (Jammu and Kashmir). Journal of Biodiversity and Ecological Sciences, 4(3), 111–118.

SUBMITTED

- Elçiçek, M., Nisar, A., & Kafkas, E. N. In vitro conservation of endangered medicinal plants using slow-growth storage techniques: Climate change a threat. Environmental Claims Journal.
- **Nisar, A., Manzoor, J., Wani, B. A., & Wani, K. A.** *Microbiome engineering for sustainable agriculture: Concepts, tools and future perspectives.* In: **Next-Generation Biofertilizers: Microbiome Technologies for Sustainable Agriculture.** Taylor & Francis. **Submitted.**
- **Manzoor, J., Nisar, A., Wani, K. A., & Yaseen, W.** *Circular bioeconomy and waste-to-biofertilizer technologies for green agriculture.* In: **Next-Generation Biofertilizers: Microbiome Technologies for Sustainable Agriculture.** Taylor & Francis. **Submitted.**

BOOKS PUBLISHED

Shamsul Ul Haq, Kundam P., Nisar A., Khan Z.A., Khan H (2017). Textbook of Environmental Science. Vinod Publications Jammu.

Syed Javid A. Andrabi, Malik A. Y., Kiran Kamal, Rafiq Kaiser, Hussain Altaf, Sana Fayaz Ashai, Ali Nyla, Fatima Iram, Nisar Asiya. (2021). Textbook of Environmental Science. Jammu & Kashmir Board of School Education, Kashmir.

BOOK CHAPTERS

Wani, K. A., Manzoor, J., Shamim, I., & Nisar, A. *AI-based approaches to assessing nanopesticide impacts on human biological systems and neurological functions.* In: **Nanopesticides and Their Impact on Human Health.** IGI Global. **In press.**

Qadir, H., Manzoor, J., Elçiçek, M., Kafkas, E. N., Nisar, A., & Wani, K. A. (2026). Role of women in the advancement and implementation of vermitechnology for sustainable organic farming in India. In R. Kumar & Y. Majeed (Eds.), Vermicomposting for sustainable development, food security and the circular economy. Springer Nature Switzerland AG.

TEACHING EXPERIENCE

• 3 years of teaching at Higher Education level in different Govt. Colleges affiliated with University of Jammu and Kashmir.

• 6 years of teaching at Higher Secondary level of Govt. Institutions.

ENVIRONMENTAL AND ECOLOGICAL RESEARCH SKILLS

• Case study analysis of small-scale industries

• Environmental impact assessment (EIA)

• Sustainability metrics evaluation

• Threat Assessment

• GIS mapping or distributional data

• Sanitation facility audits

• Climate data correlation (temperature, precipitation trends)

• Species abundance analysis

• Possibly remote sensing or phenological studies

• Soil sampling and testing (for pH, nutrients, texture)

• Vegetation surveys and biodiversity indices

PERSONAL DETAILS

Father's Name	Nisar Ahmad Bhat
Nationality	Indian
Religion	Islam
Languages Known	English, Urdu, Kashmiri

DECLARATION

I hereby declare that the above information is true and correct to the best of my knowledge and belief.

Date: 19.10.2026

Place: Anantnag

(Dr. Asiya Nisar Bhat)