



Name: Dr Tanvi Kapoor

Designation: Assistant Professor (Environmental Science)

Specialisation:

- **APTI and API Indexing of plant species for avenue plantation on roads and parks**
- **Rooftop Solar Energy Potential assessment using RS and GIS software (ArcGIS)**
- **Crop Yield forecast and stress modeling using CROPWAT Simulation software**

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Research papers:

1. Dua V K, Pathania R, **Kapoor Tanvi**, Sharma J and Rana A.2018.Climate change and potato productivity in Madhya Pradesh- Impact and Adaptation. Journal of Agrometereology.
2. Chand H, Verma S C, **Kapoor Tanvi** and Bhardwaj SK.2018Assessment of apple crop vulnerability to climate change in Himachal Pradesh, India. Journal of Agrometerology.
3. **Kapoor T**, Chauhan RC and Chand HC. 2017.Effect of different nutrient management practices on Soil Microbial Properties in the Sub Humid Agro ecological Zone.[International Journal of Current Microbiology and Applied Science](#).
4. Dua VK, **Kapoor Tanvi**, Pathania Radhika and Chauhan Shalini. 2021. Forecasting the impacts of climate change on potato (*Solanumtuberosum*) productivity in Gujarat and realtive adaptation strategies. Indian Journal of Agronomy

5. **Kapoor T** and Bhardwaj SK. 2016. Assessment of Air Pollution Tolerance Index of plants Growing alongside the National Highway (21) of Himachal Pradesh in India. *The Ecoscan*
6. Malik S S, Chauhan R C, Laura J S, **Kapoor Tanvi**, Abhilashi R and Sharma N. 2014. Influence of organic and synthetic fertilizers on soil physical properties
7. **Kapoor T**, Chauhan RC and Chand RC. 2015. Impacts of Different Management Practices on Physico-Chemical Properties of Soil in Mid-Hill, Sub-Humid Zone-II of Himachal Pradesh. *Current World Environment*
8. Dua V K, Pathania R, **Kapoor Tanvi**, Sharma J, Sharma S K, Rawat S, Singh B P and Chakrabarti S K. 2018. Calibrations and validation of WOFOST model for seven Potato cultivars in India. *Indian J. of Agronomy*
9. Bhardwaj S K, Aggarwal R K and **Kapoor Tanvi**. 2018. Energy consumption pattern in different Agro-Climatic zones in Rural Habitations of Western Himalayan Region, India. *Current World Environment*
10. **Kapoor Tanvi**, Bhardwaj S K, Sharma S S, Mahajan P K and Gupta N K. 2016. Anticipated performance index of plant species growing alongside the National Highway 21 of Himachal Pradesh, India. *Indian Journal of Ecology*
11. Chand H, Verma K S and **Kapoor Tanvi**. 2016. Environmental Impact Assessment of Kol-Dam Hydropower Project – A Case Study from Himachal Pradesh, India. *Current World Environment*

Book Chapter

1. Dua V K, **Kapoor Tanvi**, Pathania R and Chakrobarati S K. 2017. Climate Change management strategies in potato production. *Doubling farmer's Income through Horticulture*

Book Published

1. **“An Introduction to Environmental Science” for Under Graduate classes (BSc, BA,BCom, BBA, BVOC, BCA) Course code ENV52AECC2 in Hindi and English medium with Dixit Publication.**

Courses and Trainings completed:

1. **National training workshop on Fauna of Hotspots-2: Western Himalayas, Organized by Zoological Survey of India**
2. **Training on use of remote sensing and GIS linking with crop simulation model for crop yield forecast organized at Dept. of Agril. Meteorology, CCS HAU Hisar**
3. **Training on R software and processing of IMD’s gridded weather data and its application in climate risk assessment and agriculture planning , organized by Dept of Environmental Science, organized in Dept. of Environmental Science, COF, Dr. YSP, UHF, Nauni in collaboration with Agromet Division, IMD, New Delhi.**
4. **Training on “EIA-An emerging tool for Environment conservation and sustainable development”, organized in Dept. of Environmental Science, COF, Dr. YSP, UHF, Nauni**
5. **Online inter disciplinary refresher course in "Managing Online classes and Co-creating MOOCS" from 7th -21st January, 2024.**

Awards and Recognition:

1. **University merit honor certificate in MSc and PhD.**
2. **University merit scholarship during MSc.**
3. **Inspire fellowship for PhD by Department of Science and Technology, Government of India.**
4. **Cleared ICAR NET in 2014 in Environmental Science.**
5. **Best Oral Presentation award in an International conference organised by the Indian Ecological Society in collaboration with SKAUST Jammu.**