

Dr Kartikey Sahil

Assistant Professor



Specialization: Environmental Science, Air and water pollution monitoring and assessment

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Ongoing Research Projects

- Water quality assessment of surface and groundwater sources in mid hills of Himachal Pradesh, funded under Research and development funds (Co-Principal Investigator).

Important Research Publications

- Verma S, Chauhan V and Kartikey Sahil. 2022. Enhancement of Germination of *Berberis lycium* Royle. by Different Pre-Sowing Seed Treatments. *Indian Journal of Ecology* **49**(5):1949-1951.
- Kartikey Sahil and SK Bhardwaj. 2021. Assessment of heavy metals concentrations from surface water sources in urban areas of Himachal Pradesh, India. *International Journal of Chemical Studies* **9** (1): 572-580.
- Kartikey Sahil and SK Bhardwaj. 2021. Impact of rapid urbanization on ground water's quality: An investigation of toxic elements concentrations in urban areas of Himachal Pradesh. *International Journal of Chemical Studies* **9** (1): 563-571.
- Thakur D, Thakur A and Kartikey Sahil. 2021. Effect of seed priming on germination characteristics of seeds of *Podophyllum hexandrum* Royle: An endangered medicinal plant of western Himalaya. *International Journal of Chemical Studies* **9** (1): 556-562.
- Thakur D, Thakur A and Kartikey Sahil. 2021. Effect of seed priming on seed vigour in *Podophyllum hexandrum* Royle: An important medicinal herb of temperate Himalayan region. *International Journal of Chemical Studies* **9** (1): 550-555.
- Kartikey Sahil, Bhardwaj SK, and Aggarwal RK. 2020. Assessment of air pollution status in Mandi and BBN industrial region of Himachal Pradesh. *International Journal of Chemical Studies* **9**(1): 26-3.
- Kartikey Sahil, Aggarwal RK and Bhardwaj SK. 2016. Air quality status in fast developing city of Western Himalayan State of India. *Climate Change* **2** (8): 573–588.

Awards & Recognitions

- Awarded with National Mission on Himalayan Studies Fellowship, MoEF&CC, Gol during Ph.D. programme (2016-2019).
- Awarded with Uma Dutt Mamgain Best Research Awards-2016 for Master's Research by "Society for the Advancement of Human and Nature (SADHNA)".
- Awarded with Young Achiever Award-2021 for outstanding contribution in the field of Environmental Science by "Agricultural Technology Development Society (ATDS)".