

February 2021

Publication:

Mulugeta Musie, Andrea Momblanch & Sumit Sen. Exploring future global change-induced water imbalances in the Central Rift Valley Basin, Ethiopia. [Climatic Change](#) volume 164, 47 (2021)

Verma, A., Yadav*, B. K., Singh, N. B. (2021) Hydrochemical exploration and assessment of groundwater quality in part of the Ganga-Gomti Fluvial Plain in northern India, Elsevier-Groundwater for Sustainable Development, 13 (2021) 100560 (IF=3.0) Q1

Krishan, G, Sejal, P., Bhagwat, A. Prasad, G., Yadav, B. K., Kumar, C.P, Kansal, M. L., Singh, S., Sudarsan, N., Bradley, A., Sharma, L. M., Muste, M (2021) Role of Major Ions in Aquifer Salinization – a Case Study from a Semi-Arid Region of Haryana, India, Water Accepted, (IF=2.5) Q1

International conference

Guntu, R.K., Agarwal, A. 2021. Space-time framework for precipitation regionalization based on neural networks coupled with information entropy, 6th IAHR Europe Congress, Poland, February 15-18, 2021. In: Kalinowska, M; Rowinski, P; Okruszko, T; Nones, M (Eds.), 6th IAHR Europe Congress Abstract Book, 542-543; ISBN: 978-83-66847-01-9
link to Abstract

<https://iahr2020.pl/wp-content/uploads/2021/02/Book-of-Abstracts-15-02-2021.pdf>

Expert talks

Prof Brijesh K Yadav delivered an online talk on “Engineered Bioremediation of Polluted Sites” during the NHP training course on Groundwater Salinity Issues and Management Solutions, organized by NIH Roorkee February 17 -19, 2021.

Prof Brijesh K Yadav gave the expert lecture on “Engineered Bioremediation of Polluted Land and Groundwater Sites” for Institutions of Engineers (India), Northeast chapter, organized by NERIST, Nirjuli (Arunachal Pradesh) on February 06, 2021.

Achievements

- Ashish Mishra (Team Lead), Malla Mani Kanta, Sushmita Gouraha, and Aman Kumar under the guidance of Prof D S Arya (Team ID: Mapathon3351), secured a spot in the winners' category in a National Level Map Making competition Mapathon 2020 jointly organized by IIT Bombay, ISRO and AICTE that received over 5000 entries throughout the country.
- Mr. Shashi Ranjan guided by Prof. Brijesh K Yadav and Prof. Himanshu Joshi successfully defended his Ph.D. thesis entitled “In situ arsenic sequestration using permeable reactive barriers” on Feb 15, 2021
- Ms. Aliva Nanda (Ph.D. student) under the supervision of Prof. Sumit Sen successfully defended her Ph.D. thesis “Understanding Hydrological Processes of Lesser Himalayan Hillslopes” on 2nd February 2021.