



## June 2022 Newsletter



### PUBLICATIONS

- Bejagam, V. and Sharma, A. (2022) Impact of climatic changes and anthropogenic activities on ecosystem net primary productivity in India during 2001–2019, Ecological Informatics, DOI: <https://doi.org/10.1016/j.ecoinf.2022.101732>

### INTERNATIONAL CONFERENCES

- Ashish Manoj J, Ravi Kumar Guntu, Ankit Agarwal: Investigating Spatiotemporal Patterns of Soil Moisture - Precipitation Dependence over India. in Hydrocomplexity: Addressing Challenges in Hydrology from a Holistic Perspective - Online Discussion Session. AGU Frontiers in Hydrology Meeting 2022. 22 June 2022. <https://doi.org/10.1002/essoar.10511686.1>
- Prof. Ankit Agarwal delivered a talk on the topic "Multi-scale approaches in forecasting extreme floods and their global connections" at the IAHS Scientific Assembly 2022 at Montpellier, France on 03rd June 2022.
- Prof. Brijesh Kumar Yadav delivered a talk on the topic "Assessment of Emerging Pollutants: A Case Study of Microplastics Containing Landfill Site" during the Conference on Water Quality conducted online by CII-Water Institute to address the Session on Emerging Contaminants: Definitions; Threats and Challenges on 30th June 2022

### AWARDS AND ACHIEVEMENTS

- International training course on "Emerging technologies for water/wastewater treatment" from 28th to 30th November 2022, supported by Indian Technical & Economic Cooperation Programme (e-ITEC), Ministry of External Affairs, Govt. of India. Course coordinators: Prof. Himanshu Joshi and Prof. Bhaskar Jyoti Deka.
- SYSTA Award by IAHS presented to Prof. Ankit Agarwal by Prof. Sivapalan Murugesen at the IAHS Scientific Assembly 2022 at Montpellier, France on 01st June 2022.
- Abinesh Ganapathy winner of the 2nd IAHR Young Professionals Hydro-Environment Challenge (Ecohydraulics Challenge winning team) <https://www.iahr.org/index/detail/662#/>



## LECTURES DELIVERED

- Prof. Ashutosh Sharma delivered an invited lecture on ‘Applications of Machine Learning in Water Resources’ during the Approaches for management of Groundwater Quantity and Quality with a special focus on Managed Aquifer Recharge program organized by the Department of WRDM, IIT Roorkee.
- Prof. Brijesh Kumar Yadav delivered a webinar talk on “Applied Numerical Modelling Techniques for Water resources systems” on June 26, 2022 during FDP on Computational Advances in Water Resources Modelling (in Hybrid Mode), conducted by department of Civil Engineering, NIT Jamshedpur, 21-26 June 2022.
- Prof. Brijesh Kumar Yadav delivered a platform talk on “Fate and Transport of Contaminants in Subsurface and Associated Monitoring Aspects: Case studies” at NTPC Solapur on June 16, 2022 during their world environment day celebration.
- Prof. Ankit Agarwal was invited to deliver a keynote lecture on Soft computing in the International Faculty Development Programme on Applications of Numerical Optimization Techniques in Science & Technology, supported by the European Commission under ERASMUS+ credit Mobility Program at the Amity University.

## MISCELLANEOUS

- Prof. Ankit Agarwal and others organized a session on Estimating and Predicting Natural Hazards and Vulnerabilities in the Himalayan Region on 24th May 2022 at the European Geophysical Union 22-27th May held in Vienna Austria.
- Prof. Bhaskar Jyoti Deka has been invited as a Guest Editor for the special issue "Advanced Electrospun Membrane Fabrication for Wastewater Treatment and Air Purification", under the journal "Membrane" (impact factor: 4.562), [https://www.mdpi.com/journal/membranes/special\\_issues/PU6I3G4G50](https://www.mdpi.com/journal/membranes/special_issues/PU6I3G4G50)

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