

# Department of Environmental Science

## University of Kashmir, Srinagar- 190 006

### Major Research Grants of the Department

S. No	Name of the Research Project	Amount Generated (INR)	Name of the Funding Agency	Sanction Year and Duration	PI/Co-PI
1	Emerging Contaminants in Himalayan Catchments: sources, distribution, fate of transport and management	2,39,94,000	NMHS-MOEF&CC	20-03-2025 (3 years)	Dr. Sami Ullah Bhat, Prof. M.S.Bhat, Prof. Gh. Jeelani, Dr Irfan Rashid & Dr. Anoop Ambili
2	Investigating climatic and anthropogenic impact on the groundwater quality of shallow aquifers along the flood plains of River Jhelum, Kashmir Himalaya	44,17,120	ANRF (SERB-DST)	20-02-2024 (3 years)	Dr Aasimah Tanveer, Dr. Arshid Jehangir & Dr Mohd Muslim
3	A Holistic assessment of ecosystem integrity of Kashmir Alpine Lakes through multilevel indicators	38,38,000	DST- SERB	2024 (3 years)	Dr. Aftab Ahmad & Dr. Sami Ullah Bhat
4	Study of Microplastics in drinking water of Srinagar city: An alarming threat to human health	6,20,000	JKSTIC, DST, J&K Govt.	22-12-2024 (2years)	Dr. Sami Ullah Bhat
5	Alteration in micro-RNA's expression of occupational brick kiln workers for Kashmir valley as toxic genomic response to air pollution	6,20,000	JKSTIC, DST J&K Govt.	22-12-2024 (2years)	Dr. Arshid Jehangir
6	Status, Threats and Challenges: Urgent Plea for Protection and Management of Freshwater Springs of Kashmir Himalaya	41,91,000	DST-SERB	2022 (3 Years)	Dr. Sami Ullah Bhat
7	Tipping elements and thresholds for extreme climate events in the Indian Summer Monsoon (ISM) realm (TISUR) IP3: Ecological regime shifts in response to monsoon dynamics and anthropogenic activities	Scientific Cooperation	SENCKENBERG Research Station of Quaternary Palaeontology, Germany	Since 2022	Dr. Martina Stebich Dr. habil. Sushma Prasad Dr. Arshid Jehangir
8	IP1:Reconstructing ISM and westerlies influence on Holocene hydrology, productivity and regime shifts in NW Himalaya.	Scientific Cooperation	University of Potsdam, Universität Hamburg,	Since 2022	Dr. habil. Sushma Prasad Dr. Martina Stebich Dr. habil. Birgit Gaye Dr. Arshid Jehangir
9	Assessment of the Trophic and Economic Evaluation of a Ramsar site Wular Lake, in Kashmir Himalaya	33, 27,240	DST-SERB	2021 (3 Years)	Dr. Showkat Subhan & Dr. Sami Ullah Bhat
10	Study of catchment topography and landuse impact on stream biofilms in Indus basin of Ladakh Himalayas	33,327,39	DST-SERB	2020 (3 Years)	Dr. Mohd Muslim & Dr. Sami Ullah Bhat

11	Assessment of microplastic concentrations and persistent organic pollutants in freshwater ecosystems of Kashmir Himalaya"	52,80,264	RUSA-MHRD	2020 (3 Years)	Dr. Arshid Jehangir, Dr. Sami Ullah Bhat & Dr Anoop Ambili
12	Spatial distribution of Groundwater Quality in the Kashmir Valley with special emphasis on Metal Ion Mapping 2018	56,74,000	DST-SERB	12/02/18 (3years)	Prof Muzafar Ali Andrabi & Dr. Sami Ullah Bhat
13	Anthropogenic impacts and their management options in different ecosystems of the Indian Himalayan Region	43,70,000	NMHS MoEF & CC	21/07/2017 (3years)	Prof. Kuniyal, Dr. Sami Ullah Bhat & Dr Irfan Rashid
14	National Carbonaceous Aerosol Programme (NCAP) WGIII: Carbonaceous Aerosol Emissions, Source Apportionment and Climate Effects	159,55,100	MOEF&CC	2017 (6 years)	Dr. Arshid Jehangir
15	Aquatic macroinvertebrates as Bioindicators- Approache towards understanding the Ecological health of stream ecosystems of Kashmir Himalaya	55,46,000	DST-SERB	27/09/16 (3years)	Dr. Sami Ullah Bhat
16	Water Resources (DST- FIST)	56,00,000	DST-FIST	2016 (5 Years)	Environmental Science
17	Ecological Monitoring of Dal Lake: Studies on the Periphyton, Benthos and Fish and Fisheries	18,63,000	LCMA, J&K Govt.	2012 (3years)	Prof. A. R. Yousuf & Dr. Arshid Jehangir
18	HIMPAC (Himalayan Modern and Past Climate)	Collaboration project	(GFZ) Potsdam, Germany	2011-14 3 Years	Dr. habil. Sushma Prasad, Prof. A. R. Yousuf & Dr. Arshid Jehangir
	Total Grants Generated Since 2012	INR = 8,86,28,463.00/-			