

List of Applications Received - Earth and Atmospheric Science-2018-19

Sr. No.	Name & Address of the Applicant	Title of Proposal / File No.
1	Dr. Sambuddha Misra Indian Institute of Science, Centre of Earth Sciences, Indian Institute of Science, Bangalore, Karnataka	Climatic Catastrophes - Lessons from the Geologic Past (DST/SJF/EAS/2019/1)
2	Dr. P. S Vijaya Kumar Institute of Nano Science and Technology, Habitat Centre, Phase 10, Sector 64, Mohali, Punjab Punjab(160062)	Identification of volatiles from tomato crop under drought stress and fabrication of sensor for judicious irrigation (DST/SJF/EAS/2019/2)
3	Dr. Sumit National Physical Laboratory, Room No. 39A National Physical Laboratory, Dr. K.S. Krishnan Road New Delhi (110012)	Reducing the uncertainty in modeling optical properties of aerosol using the observed physico-chemical properties (Morphology, Composition and Mixing states) over North India: Implications to Climate Change Assessment and Security Issues at International Borders of the Country (DST/SJF/EAS/2019/3)
4	Dr. Resmi Banasthali Vidyapith, Banasthali Rajasthan (304022)	Late quaternary climate, tectonics and sea level interaction study at the central great rann graben of kachchh, western india: a multi proxy approach (DST/SJF/EAS/2019/4)
5	Dr. Gagan Matta Gurukul Kangri Vishwavidyalaya, Jagjeetpur, Haridwar Uttarakhand (249404)	Ecological Repercussions of Kedarnath Disaster on Water Quality of Natural Springs and Reservoirs using Water Quality Indexing (DST/SJF/EAS/2019/5)
6	Dr. Bhalamurugan Sivaraman Physical Research Laboratory Navrangpura, Ahmedabad Gujarat(380009)	Shock processing of astrochemical ices (DST/SJF/EAS/2019/6)
7	Dr. Sunitha R Tamilnadu Agricultural University Lawley Road, Coimbatore Tamilnadu (641003)	Nano - Bioremediation Strategies to Produce Quality Vegetables and Ensure Nutritional food Security in sewage contaminated areas (DST/SJF/EAS/2019/7)
8	Dr. Nilanjan Saha Indian Institute of Technology Madras , Chennai Tamilnadu (600036)	Studies experimental and numerical on wind turbines for Indian offshore conditions. (DST/SJF/EAS/2019/8)
9	Dr. Sandeep Sahany Indian Institute of Technology- Delhi Hauz Khas New Delhi (110016)	Investigation of Error Growth in the Indian Monsoon Simulations through Hindcast Modeling for More Reliable Future Projections (DST/SJF/EAS/2019/9)
10	Dr. Akhil Agrawal Central University of Rajasthan NH-8, Bandar Sindri, Dist-Ajmer, Rajasthan (305817)	Polymicro-EOR A novel technology to enhance production from mature oil wells (DST/SJF/EAS/2019/10)
11	Dr. Chaitanya Prasad Nath ICAR Indian Institute of Pulses Research,Crop Production Division Kanpur Uttar Pradesh (208024)	Grain legumes for ecological sustainability: deciphering through resource conservation, deep soil carbon sequestration, and climate change mitigation (DST/SJF/EAS/2019/11)
12	Dr. Yogesh Ramchandra Kulkarni Gharda Institute of Technology, At Post lavel Tal Khed Dist Ratnagiri Khed Maharashtra (415708)	Morphodynamic studies of the Godavari River: Implications to source to sink sedimentation (DST/SJF/EAS/2019/12)
13	Dr. Hamidullah Wani Amar Singh College Srinagar Kashmir, Gogji Bagh Srinagar Jammu And Kashmir (190008)	¹⁰ Be dating, Organic Carbon analysis (¹³ C) and Strontium and Neodium isotope systematics of the Plio-pleistocene Karewa sediments: Implications for erosion and paleoclimatic reconstruction in the northwestern Himalaya. (DST/SJF/EAS/2019/13)

14	Dr. A Vidyasakar Periyar University, Periyar Palkalai Nagar Salem Tamilnadu (636011)	Fate, Transport, Biological Interaction of Microplastic in cauvery river basin, Tamil Nadu, India (DST/SJF/EAS/2019/14)
15	Dr. Arun Jyoti Nath Assam Central University, P.O. Silchar, Dist. Cachar Cachar Assam (788011)	Role of smallholder farmers in achieving the 4 per 1000 4PT goal in Indian sub-continent (DST/SJF/EAS/2019/15)
16	Dr. Vijayakumar S Nair Physics Laboratory, Vikram Sarabhai Space Centre Thiruvananthapuram Kerala (695022)	What compensates the masking effects of aerosols on global warming (DST/SJF/EAS/2019/16)
17	Dr. Kunal Chakraborty Indian National Centre for Ocean Information Services, Incois Ocean Valley Pragathinagar Kukatpall Hyderabad India Telangana (500090)	Development of a high-resolution, coupled, regional climate ocean-ecosystem model to study past climate variability and provide future projections of climate impacts on potential fishing zones along the western continental shelf of India (DST/SJF/EAS/2019/17)
18	Dr .Mohan K Vellore Institute of Technology (vit) Chennai, Vandalur - Kelambakkam, Tamilnadu (600127)	Clumped isotope records to characterize rapid climate changes during the Quaternary from North-Eastern Arabian Sea (DST/SJF/EAS/2019/18)
19	Dr. Ashish Dongare Savitribai Phue Pune University, Ganeshkhind Pune MS India Pune Maharashtra (411007)	Study of evolution of cratonic lithospheric mantle of peninsular India through kimberlites and implications to diamond exploration (DST/SJF/EAS/2019/19)
20	Dr. Kaustav Chakravarty Indian Institute of Tropical Meteorology, Dr. Homi Bhabha Road, Pashan, Pune Maharashtra (411008)	Unraveling the microphysical characteristics of clouds and precipitation for triggering severe thunderstorm and lightning over the north-eastern part of India (DST/SJF/EAS/2019/20)
21	Dr. MD Firoze Quamar Birbal Sahni Institute of Palaeosciences, 53 University Road, Lucknow Uttar Pradesh (226007)	Vegetation dynamics and associated climate change during the Late Pleistocene-Holocene from Jharkhand, India Pollen evidence for high-resolution records of the Indian Summer Monsoon variability (DST/SJF/EAS/2019/21)
22	Dr. Ram Swaroop Bana Indian Agricultural research Institute, Hill Side Road, Pusa, New Delhi Delhi (110012)	Participatory development of climate-smart sustainable intensification portfolios for cereal-based production systems across the Indo-Gangetic Plains (DST/SJF/EAS/2019/22)
23	Dr. Subimal Ghosh Indian Institute of Technology Bombay, IIT Bombay, Mumbai Powai, Mumbai Maharashtra (400076)	Perturbation Dynamics and Resilience of Human-Natural Hydro-climatic System (DST/SJF/EAS/2019/23)
24	Dr .Irfan Rashid University of Kashmir, Hazratbal, Srinagar Kashmir (J&K) Srinagar Jammu And Kashmir (190006)	Identifying current and future GLOF risk over contrasting zones of Western Himalaya (J&K) using earth observation data and modelling (DST/SJF/EAS/2019/24)
25	Dr. Gaurav Srivastava Director, Birbal Sahni Institute of Palaeosciences, Director 53 University Road, Uttar Pradesh (226007)	Legacy of the Indian Paleogene flora in the evolution of low latitude rainforests in South and Southeast Asia (DST/SJF/EAS/2019/25)
26	Dr. Prem Chandra Pandey Shiv Nadar University, NH91, Chithera, Tehsil Dadri Uttar Pradesh (201314)	Integrating hyperspectral spectro-radiometer technology with multi-spectral satellite data to study spread of selected invasive weeds in northern India and their biomass quantification in Northern India (DST/SJF/EAS/2019/26)

