Name Dr. Amrita Daripa
Date of birth 10.09.1984
Designation Scientist (Sr. Scale)
Qualification MSc, PhD (Environmental Sciences)
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Educational Qualifications

- Ph.D (Environmental Sciences), ICAR- Indian Agricultural Research Institute, New Delhi.
- M.Sc (Environmental Sciences), ICAR- Indian Agricultural Research Institute, New Delhi
- B.Sc. (Agriculture.) Uttar Banga Krishi Viswavidyalay (UBKV), Coochbehar, W. B.

Professional Experience

- Scientist (Sr. Scale) at ICAR- NBSS&LUP, RC- Kolkata from 10.03.2022 till date.
- Scientist (Sr. Scale) at ICAR- NBSS&LUP, Nagpur from 01.01.2018 to 09.03.2022.
- Scientist at ICAR- NBSS&LUP, Nagpur from 04.04.2014 to 31.12.2017.
- Scientist at NAARM, Hyderabad from 01.01.2014 to 31.03.2014.
- Served as Assistant Professor and Coordinator, Centre for Environmental Sciences,Central University of Jharkhand, Ranchi from August 2012 to January 2013.

Research Areas

- Heavy metal pollution in soil and water
- Bioaccumulation of heavy metals in food chain
- Ecological health risk evaluation in peri-urban agriculture
- Land degradation vulnerability assessment
- Land use land cover change study in GIS environment
- Climate smart land use planning
- Climate change
- Carbon sequestration
- Air pollution

International Experience - Nil

Awards

- Pradeep Memorial Award for Best Student Divion of Environmental Sciences

Honours/Recognitions

- DST-INSPIRE Fellowship, 2010.
- UGC NET-JRF in Environmental Sciences,2010.
- CSIR-UGC NET-JRF in Earth, Atmosphere and Planetary Sciences, 2010.
- IARI, 2010. IARI Merit Fellowship, 2009 (All India Rank-2).
- Junior Research fellowship-ICAR, 2007 (All India Rank-8).
- University Merit Scholarship 2003-07.
- Copyrights / patents : 2

Ten Best Research Papers along with NAAS Rating-2022

SNo	Publication	NAAS Rating
1.	Sharma, R. P., Chattaraj, S., Jangir, A., Tiwari, G., Dash, B., Daripa, A. and Naitam, R.K. (2022). Geospatial variability mapping of soil nutrients for site specific input optimization in a part of central India.Agronomy journal.https://doi.org/10.1002/agj2.21025.	**9.42**
2.	Sharma, R. P., Chattaraj, S., Vasu, D., Karthikeyan, K., Tiwary, P. , Naitam, R. K. , Dash, B., Tiwari, G., Jangir, A., Daripa, A., Singh, S. K., Anantwar, S. G. and Nimkar A. M. (2020). Spatial variability assessment of soil fertility in black soils of central India using geostatistical modeling, Archives of Agronomy and Soil Science, DOI: 10.1080/03650340.2020.1766678.	**9.09**
3.	Chattaraj, S., Srivastava, R., Barthwal, A. K., Giri, J. D., Mohekar, D. S., Obi Reddy, G. P., Daripa, A., Chatterji, S. and Singh. S. K. Semi-automated object-based landform classification modelling in a part of the Deccan Plateau of central India. (2017).International Journal of Remote Sensing, 38:17, 4855-4867, DOI: 10.1080/01431161.2017.1333652.	**9.15**
4.	Daripa, A., Bhatia, A., Ojha, S., Tomer, R., Chattaraj, S., Singh, K. P., Singh, S. D. (2016). Chemical and Natural Plant Extract in Ameliorating Negative Impact of Tropospheric Ozone on Wheat Crop: A Case Study in a Part of Semiarid North West India. Aerosol and Air Quality esearch, 16 (7), 1742-1756.	**9.06**
5.	Daripa, A. Bhatia, A., Tomer, R. Singh, S. D. Jain N. and Pathak H.(2014).Nitrous oxide and carbon dioxide emission from maize (zea mays L.) under fertiliser application and elevated carbon dioxide in northwest India. Experimental Agriculture, 1(19 C). Cambridge UniversityPress.doi:10.1017/S0014479714000118.	**8.12**
6.	Chattaraj, S., Chakraborty, D., Sehgal, V.K., Paul, R.K., Singh, S.D., Daripa, A.and Pathak H. (2014). Predicting the impact of climate change on water requirement of wheat in the semi-arid Indo-Gangetic Plains of India. Agriculture, Ecosystems and Environment, 197, 174-183.	**11.57**

Total Publications (Peer-reviewed journals only):

International:06

National:02

Google Scholar link: https://scholar.google.com/citations?hl=en&user=ZDNsDRUAAAAJ