

CURRICULUM VITAE

Name: Chitralkha Das

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PROFESSIONAL SUMMARY

1. “Junior Research Fellow” at North Eastern Space Application Centre, Umiam, Meghalaya since August, 2020 to present
2. “Project Fellow” at Haryana Space Application Centre, Gurugram, Haryana November, 2018 to July, 2020

Projects in NESAC

1. Maize acreage estimation in NE Region and UAV based experiments for selected crop fields under SUFALAM (Space Technology Utilization for Food Security, Agricultural Assessment and Monitoring) Programme

Projects in HARSAC

1. Existing tube well mapping with GIS in MC Faridabad
2. Creation of GIS Cell in MC Faridabad
3. Time series crop mapping of Rabi and Kharif Season of Haryana 2019-2020

NATURE OF WORK

1. Image Processing
2. Crop production forecasting
3. Crop yield and acreage estimation
4. Agricultural statistical analysis
5. Monitoring changes in the Cropping pattern
6. Mapping with the help of GPS and DGPS
7. Cadastral Mapping
8. AMRUT Faridabad
9. LULC mapping in 1:1000 scale

Knowledge of Data

1. Multispectral Data
2. SAR data
3. Thermal data
4. UAV data
5. Geodatabase creation and operation
6. Topological work

EDUCATIONAL QUALIFICATION

PASSING YEAR	DEGREE	SUBJECT	UNIVERSITY	MARKS (%)
2018	M.Sc.	Remote sensing & GIS	Kumaun University, Uttarakhand	79.95
2016	M.Sc.	Geography (Applied Geomorphology)	West Bengal State University, West Bengal	68.24
2014	B.Sc.	Geography (Mathematics and Economics)	West Bengal State University, West Bengal	60.88
2011	12 th	Bengali, English, Geography, Mathematics, Biology, Environmental Science	WBCHSE (West Bengal)	64.2
2009	10 th	Bengali, English, Geography, Mathematics, Physical Science, Life Science, History	WBBSE (West Bengal)	72.37

SOFTWARE SKILLS

- SNAP
- QGIS
- ERDAS IMAGINE
- Arc Map
- Arc GIS Pro
- Arc GIS Online
- ENVI
- PIX4D Mapper
- ILWIS
- IDRISI

INSTRUMENT HANDLING

- Various Mobile Application for Crop survey (like GPS Essentials, GFASAL, Map Pad, Silks-NESac etc)
- Total Station
- Theodolite
- DGPS
- GAGAN and GPS
- Dumpy Level
- Prismatic Compass
- Clinometer
- Eco-Sounder

INTERNATIONAL/NATIONAL CONFERENCE AND WORKSHOP

- **2016:** Participated in **National conference on Development and Environment** organized by Department of geography, West Bengal State University, West Bengal.
- **2017:** Presented a paper in **National Conference on Geoinformatics for Natural Resource Management on Suitable site for E-waste management in Asansol, West Bengal** organized by Department of Geography, Jamia Millia Islamia, New Delhi.
- **2018:** One day Workshop on **Qualitative & Quantitative Research Methods in Geographical Studies**, Organized by Department of Geography, Vivekananda College, University of Calcutta.
- **2018:** Presented a paper in 4th International Seminar **“Population, Urbanization and Environment: Contemporary issues and challenges on “An analytical study of urban expansion from 2001 to 2017 and its impact on Land Surface Temperature in Barasat Municipality Area”** Organized by Department of geography, University of Gour Banga, West Bengal.
- **2018:** One day Workshop on **“Cutting Edge Geospatial Technology on climate Change Analysis”** organized by M. Sc Remote sensing and GIS at Kumaun University, SSJ Campus Almora.

DISSERTATION PROJECTS

- 2016 - **Behavioural approach of the mudflat species of the adjoining creek of Gangasagar, Sagar Island, West Bengal**, *guide and supervisor Dr. Subhamita Chaudhuri, department of geography of West Bengal State University.*
- 2017 - **“Spatial dynamic change of forest cover of Uttarakhand state with special reference to Bageshwar (2000-2016) using Google Earth Engine (Gee)”**, *guide and supervisor Dr. Vikram Ranga, department of Remote Sensing & GIS, Kumaun University.*
- 2018 - **“An analytical study of temporal changes in land use and land cover in the East Kolkata Wetlands since 2002, based on multitemporal satellite images”** *guide and supervisor Dr. Subhamita Chaudhuri, department of geography, West Bengal State University.*

PUBLICATIONS

- Sunaina Singh, Saumya Srivastava, Anish Ahmed and Chitrarekha Das **“COVID19 Lockdown has become a stairway of heaven for nature A case study of Delhi using geospatial technique”** in *International Journal of Scientific & Engineering Research Volume 11, Issue 8, August-2020, ISSN 2229-5518.*
- Saumya Srivastava, Sunaina Singh, Anish Ahmed and Chitrarekha Das **“Forest Fire Damage Assessment using GIS in Uttarakhand – A case study”** *IOSR Journal of Applied Geology and Geophysics (IOSR-JAGG) e-ISSN: 2321-0990, p-ISSN: 2321-0982. Volume 8, Issue 4 Ser. II (Jul. – Aug. 2020), PP 51-60.*

ACHIEVEMENTS

- Qualified the **NTA-UGC NET Examination** held on June, 2019 for the post of “Assistant Professor”.
- Qualified the **CBSE-UGC NET Examination** held on November, 2017 for the post of “Assistant Professor”.
- Qualified **DST INSPIRE** Fellowship for holding the first rank position in the University in 2018.

REFERENCE PERSONS

1. Dr. Subhamita Chaudhuri
Associate Professor (Coastal Geomorphology)
West Bengal State University
(Barasat, North 24 Parganas) Berunanpukuria
North 24- Parganas, Kolkata 700126
Email- subhamita.chaudhuri@gmail.com
Phone No. +919830108829
2. Mr. Nitin Chauhan
Assistant Scientist (Landuse)
Haryana Space Application Centre
(Department of Science and Technology, Haryana)
CCSHAU Campus, Hisar 125004
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Phone No. +919887541986

PERSONAL DETAILS

Name : Chitrlekha Das
Fathers Name: Subrata Das
Mother's Name: Archana Das
Sex: Female
Cast: General
Marital Status: Single

ADDRESS

Village: Natun pally
Post: Abdalpur
P.S: Madhyamgram
District: North 24 Parganas
State : West Bengal
Pin code: 700155
Languages: Bengali, English and Hindi

I hereby declare that the above-mentioned statements are true to the best of my knowledge and experience.

Chitrlekha Das.

Signature: