

# MD. ATAULLAH RAZA KHAN

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## ▼ Skills

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- GIS and Remote Sensing software: **ArcGIS Pro 2.4, ArcGIS 10.4, ERDAS IMAGINE 14, QGIS 2.10.1.**
- Research Skills: **High energy levels, collecting and analyzing data, deducing results, writing reports, Research Paper, preparing presentations, posters, and proposals.**
- Field survey tools: **GPS, and DGPS.**
- Programming Exposure: **R-Studio, Python, and Google Earth Engine.**
- Computer Proficiencies: **MS Office tools & Products and Intermediate level of computer application.**

## ▼ Experience

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- **Project Assistance at Haryana Space Application Centre (HARSAC), Gurugram, Haryana (India), (10 September 2019 – 9 September 2020) one-year contract.**
  - **Land Resources, Utilities, and Infrastructure: -**
    1. Base map preparation of planning areas for the master plan and sector plan finalization
    2. Land use/cover classification
    3. Utility mapping
    4. Infrastructure mapping
    5. Crop estimation by using Sentinel – 2A and 2B
    6. Administrative boundary demarcation
    7. Identification of suitable sites for setting up of various facilities
    8. Temporal land-use/land-cover changes estimation
    9. Urban density mapping
    10. Registry rate fixation for urban properties (collector rates)Base map preparation of planning

## ▼ Education

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### ❖ **Master of Science (M.Sc.) in Remote Sensing and GIS (2017-2019).**

**Kumaun University, Almora, Uttarakhand**

- **Secured:** 76.05 %.
- **Dissertation:** "Detection of Permafrost Distribution with the help of Remote Sensing and GIS in the North-Western Himalaya (Ladakh)".
- **Objective:** - To detect the Permafrost region in the North-Western Himalaya with emphasis on Ladakh region.
  - To create a permafrost distribution map and compare it with the previous modeled Permafrost Zonation Index map and International Permafrost Association map.

### ❖ **Bachelor of Arts (B.A.) Hons. In Geography (2014-2017).**

**University of Delhi, New Delhi.**

- **Secured:** 71.5 %.

- ❖ Board of Intermediate Education (12th), New Delhi (2014).

Central Board of Secondary Education

- Secured: 75 %.

- ❖ Board of Secondary Education (10th), New Delhi (2012).

Central Board of Secondary Education

- Secured: 72.2 %.

## ▼Publications

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- B. S. Chaudhary, Ram Kumar Singh, Nupur Bhatia, Ravi Kumar, **Md Ataulah Raza Khan**, Juhi Yadav, Shashikanta Patairiya (2018). Interactive Approach for Earthquake Scenario Development and Hazards Resource Estimation. Edited Book (Kumar et al.) **"Applications and Challenges of Geospatial Technology Potential and Future Trends"**. ISBN 978-3-319-99882-4.

## ▼Projects

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- **Major Project (4th Semester): "Detecting the Permafrost Distribution with the help of Remote Sensing and GIS in the North-western Himalaya"** from Indian Institute of Remote Sensing (IIRS, ISRO), Dehradun, Uttarakhand (January to June 2019).
- **Minor Project (3rd Semester): "Discernment of Forest Degradation and Deforestation: A Case Study of Askot Wildlife Sanctuary, Western Himalaya, Uttarakhand, India"**, at Kumaun University, Almora, Uttarakhand (August to December 2018).
- Done project on Gyanodaya 5th **"DHAROHAR: THE GLORU OF THE NORTH EAST"** from 18th to 29th Dec 2014 in my Graduation with University of Delhi.

## ▼Conferences

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- Presented paper on **"Discernment of Forest Degradation and Deforestation: A Case Study of Askot Wildlife Sanctuary, Western Himalaya, Uttarakhand, India"** in XII International Geographical Union, India Conference (Climate Change, Natural Disasters and Sustainable Development) from 22nd to 24th February 2019.
- Attended **International Conference (Livable Cities: Transforming Sustainability and its Challenges)** as a volunteer conducted by Shaheed Bhagat Singh College, University of Delhi (2018).

## ▼Workshops

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- Presented paper on **"Detecting the Permafrost Distribution with the help of Remote Sensing and GIS in the North-western Himalaya"** in International Workshop on Climate Change & Extreme Events in Himalayan Region (C2E2), organized by IIT Mandi and Chapman University from 18th to 20th April, 2019.
- Attended Academic Writing **"Workshop for Young and Early Career Geographers (YECG)"** at XII International Geographical Union, India Conference on 23rd February 2019.

## ▼Seminars

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- Presented paper in **National Seminar on "Spatial Dimensions of Environmental Problem and Natural Resource Law"**, September 3rd and 4th, 2019 and have been facilitated by the **"Best Paper Award"**.
- Participated as Run for Earth in the **"Climate Change Conclave - 2018"** National Seminar on Climate Action for India's Commitment to combat Climate Changes conducted by Shaheed Bhagat Singh Evening College, University of Delhi (21 – 22, April, 2018).
- Attended **National Seminar (Adaptation and Implementation of Paris Agreement: National Initiative toward "Climate Change Mission")** as a volunteer conducted by Shaheed Bhagat Singh Evening College, University of Delhi (21 – 22, April, 2017).

- Attended **National Convention "Vittiya Saksharta Abhiyan"** organized by **The Ministry of Human Resource Development, Govt. of India**, on 8th march, 2017 at Vigyan Bhawan, New Delhi.

### ▼ Debate

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- Participated in three day capacity building program on **Climate Change Awareness "Framing The Climate Change Debate"** organized by **Integrated Research and Action for Development (IRADe)**, New Delhi in collaboration with **Uttarakhand Centre on Climate Change (UCCC)**, Kumaun University, S.S.J. Campus Almora and supported by **American Centre, US Embassy**, New Delhi on 12th to 14th October 2017.

### ▼ Personal Profile

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Father's Name	:	Jamshed Akhtar.
Date of Birth	:	5th January 1996
Nationality	:	Indian
Religion	:	Islam.
Language Proficiency	:	English, Hindi & Urdu.
Marital Status	:	Unmarried
Hobbies	:	Creating Maps, Reading Novels, Motivational speaker, Playing Volleyball, Badminton, Net surfing, listening to music, Singing, Travelling, and Photography.

### ▼ Declaration

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I do hereby declare that the above information furnished by me is true and correct with best of my knowledge.

Date: 06 November 2020  
Place: New Delhi.

  
(Md. Ataulah Raza Khan)