# Abdul Waheed Shah

**GIS and Remote Sensing Expert** 

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#### PhD in Geoinformatics

Specialization: Atmospheric and Climate modelling University of Kashmir, Srinagar India

🛗 January 2016- December 2022

**Q** UOK, Srinagar

Masters in Geoinformatics Specialization: Environmental Modelling University of Kashmir, Srinagar India

🛗 March 2011- April 2013

| GPA: 7.10 |

## WORK

## WORK EXPERIENCE

JRF on Project <u>System of Air Quality and</u> Weather Forecasting And Research Project Sponsor:MOES, Govt. of India, IITM Pune Dept. of Geoinformatics, UoK

🛗 June 2014- August 2015 🛛 🕈 Kashmir, India

Scientific Administrative Assistant on Project Centre of

**Q** UOK, Srinagar

Excellence for Glacial Studies in Western Himalayas

Project Sponsor: DST, Govt. of India

Dept. of Geoinformatics, UoK

🛗 July 2021- Nov 2022 🛛 💡 Kashmir, India

Project Associate-I on Project Climate Change Impact Studies.

Project Sponsor: DST Purse, Govt. of India

CIRI, University of Kashmir

🛗 Dec 2020- Sep-2023 🛛 🕈 Kashmir, India

Project Associate-II on Project Centre of Excellence for Glacial Studies in Western Himalayas Project Sponsor: DST, Govt. of India Dept. of Geoinformatics, UoK

🛗 Sep-2023-Ongoing Kashmir, India

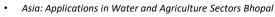
#### PUBLICATIONS

#### up Journal Articles

- Romshoo, S. A., Murtaza, K. O., Shah, W., Ramzan, T., Ameen, U., & Hameed Bhat, M. (2021). Anthropogenic Climate Change Drives the Melting of Glaciers in the Himalaya. <u>https://doi.org/10.21203/RS.3.RS-1112748/V1</u>
- Murtaza, K. O., Romhoo, S. A., Rashid, I., & Shah, W. (2020). Geospatial Assessment of Groundwater Quality in Udhampur District, Jammu and Kashmir, India. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 90(5), 883–897. <u>https://doi.org/10.1007/s40010-019-00630-7</u>

#### Conference Proceedings

Waheed Shah, Shakil A. Romshoo, (2022). WRF-model for high resolution weather and climate simulations, *National Symposium on Advances in Weather and Climate Prediction and Climate Change Projection over South*.



- Waheed Shah, Shakil A. Romshoo, (2020). Air Pollution Modeling Over Very Complex Terrain (Kashmir Himalayas) Using Wrf-Chem- Sensitivity To Emissions And Evaluation Of Simulated Air Quality, International Conference On Challenges Of Air Quality In Global Megacities Pune
- Waheed Shah, Shakil A. Romshoo, (2017) Emission Inventory of Srinagar city, Kashmir, India Using Satellite and Ground Based Measurements, 38th Asian Conference on Remote Sensing New Delhi.

### **RESEARCH INTEREST**

GIS, Remote Sensing, NWP, Cryosphere, Climate change and GIS-based decision support system and Environmental Modelling

### **GIS MODELLING EXPOSURE**

• Tourism carrying capacity modelling of Lidder valley Pahalgam, Anantnag India

₩ Sep 2012- March 2013 Srinagar, India

• Spatio-Temporal Modeling of Urban Road Traffic pollution

🛗 June 2014- Aug 2015 🖓 Srinagar, India

### Hands on Expertise

