

TSEWANG STANZIN

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MS Scholar student

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Education

Degree	Institute	Board / University	CGPA/Percentage	Year of passing
MS by Research (Geotechnical engg)	IIT Madras	IIT Madras	-	-
B.Tech (Civil engg)	TKMCE, Kollam, Kerala	APJAKTU	7.95	2023
Senior Secondary	JNV leh Ladakh	CBSE	60.20%	2019
Matriculation	JNV leh Ladakh	CBSE	8.60	2017

Project Work Experience

• **PG Project:** Development Of Landslide Hazard Mapping Of Wayanad District Of Kerala, India Accounting For Temporal Probability of rainfall

- It is based on ARC GIS Software
- 3 day average precedent rainfall is obtain by theissen polygon method
- Land susceptiblity map(LSM) is drawn on the basis of controlling factors
- Land hazard map (LHM)is drawn by integrating temporal prbability which inturn based on exceedence rainfall probabily and LSM map
- LHM map can be used for early warning system and other mitigation process

Research Publications

• *Shamla, D. S., Ardra, S., Stanzin, T., Dev, D., Adarsh, S., and Siddik, A. M. Effect of non-stationarity of rainfall on the landslides in Wayanad District of Kerala, India. **Natural Hazards. Springer**..(under review)*

Conference

• *Participated and presented a paper entitled, "**LANDSLIDE HAZARD MAPPING OF WAYANAD DISTRICT OF KERALA, ACCOUNTING FOR TEMPORAL PROBABILITY OF RAINFALL**", authored by Shamla D S, Ardra S., Tsewang Stanzin, Deekshita Dev, Adarsh S, Muhammed Siddik A at **Internatonal Conference** on SUSTAINABLE INFRASTRUCTURE: INNOVATIONS, OPPORTUNITIES AND CHALLENGES (SIIOC 2023) held during 20-21 April 2023 at NITK, Surathkal.*

Technical Skills

- **Programming Languages:** Basics in C
- **Engineering Software:** ARC GIS, AutoCAD(basics), Staad pro(basics) and MATLAB(basics)
- **Other Software:** Microsoft Powerpoint, Excel, Word

Key courses taken

• **Nptel Online Course:** Geotechnical Engineering II-Foundation Engineering

Certifications

- **Certificate of participation in international conference on SIIOC 2023** NITK Surathkal
- **HYDRO-2023 INTERNATIONAL CERTIFICATE** NIT Warangal

Positions of Responsibility

- **Class Representative:** Class 8th

Extracurricular Activities

- **Sport:** Part of School cricket team
- **Sport:** Selected for college cricket camp