

Brief-Biography

Nagendra Raj Sitoula
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Professional Experience

- Teaching
- Disaster Risk Management , DRR
- Environment, Solid waste Management, Water Supply
- Bioengineering
- Construction Management
- Procurement and Quality expert
- Technical Auditor
- Arbitrator

Academic Background

Msc. in Environmental Engineering , 2005, Tribhuvan University, Nepal
Bachelor in Civil Engineering 1991, Tribhuvan University Nepal,

General Research Interest Areas

- Teaching
- Disaster Risk Management , DRR
- Environment, Bioengineering
- Construction Management, Quality Construction

Specific Research Interest Areas

- Disaster Risk Management , DRR, Environment, water Quality, SWM and Bioengineering

Experienced Research Areas

1. Coordinator for CDS and researcher in the “**Enhancement of urban disaster resilience through activities of local participatory platform**” under the Grant for Global Sustainability (GGS) of United Nations University (UNU).2015 to2018

2. Coordinator for CDS and researcher as WASH environmental expert in the scoping study of Urban Resilience Project funded by the Department for International Development (DFID) , Nepal. This whole study has done by Centre for Disaster Studies (CDS), IoE, TU along with ADRA Nepal and NDRC 2017 to 2018
3. Forced To Migrate Forced Displacements In Nepal By Natural Disasters ; Poster Presentation In Exceed Conference Forced Migration-Environmental and Socioeconomic Dimensions, Berlin , Germany (Main Author)2016
4. Preparation of Design, Cost Estimate and Guideline For Community Manageable Water Treatment Plant (RWSSIP/S/Ind-062) In Jhapa District of Mechi Zone In Eastern Development Region of Nepal (Team Leader), 2016

Key Publications

1. Adhikari, B.R and Sitoula, N R, 2017, Analyzing The Effectiveness of Moving Peg Method For Landslide Monitoring and Its Potentiality For Replication In The Nepal Himalaya, (Co-author) A Publication By Co-Designing Disaster Risk Reduction Solutions: Towards Participatory Action and Communication In Science, Technology and Academia UNISDR Asia Science Technology and Academia Advisory Group (Astaag) Integrated Research On Disaster Risk (IRDR Collaborating Centre For Oxford University and Cuhk For Disaster and Medical Humanitarian Response (CCOUC)
2. Tiwari, B., Ajmera, B, Dhital, S, and Sitoula,, N. R., 2016, Landslides Induced By The 2015 Gorkha Earthquake Workshop On 4th World Landslide Forum, (WLF) 2017 Ljubljana Slovenia EU: Advancing Culture of Living With Landslides Pp 819-827
3. Tiwari, B., Ajmera, B, Yamashiro B, and Sitoula,, N. R., 2016, Post-Cyclic Strength Degradation of Black Cotton Soil In Kathmandu and Its Effect On Landslide At Lokanthali of Araniko Highway During Mw7.8 2015 Gorkha Earthquake (IPL-UNESCO Symposium Publication) ,
4. Adhikari, A and Sitoula, N R, 2016, Monitoring Tool For User Friendliness of Emergency Pit Latrine: A Case Study of Tudikhel Camp After 2015 Gorkha Earthquake (Co-Author) Proceedings of IOE Graduate Conference, Pp. 1–4
5. R.B. Chhetri, N.M. Shakya, N.R. Sitoula 2016 Contribution of Snow and Glacier In Hydropower Potential and Its Response To Climate Change (Co-Author) Present and

Published In Water Security and Climate Change: Challenges and Opportunities In Asia, 29 November-01 December, 2016, Asian Institute of Technology, Bangkok, Thailand

6. Sitoula, N.R., Pandey, M.K., 2006, Chromium and Nickel Removal Efficiency of Pilot Scale Sub Surface Flow Constructed Wetland : Journal of Institute of Engineering , Vol 5, No1, Pp1-6

Professional and Social Affiliations

Life Member of Nepal Engineering Council (NEC)

Life Member of Nepal Engineer's Association (NEA)

Member of Nepal University Teachers' Association (NUTA)

Member of Tribhuvan University Teachers' Association (TUTA)

Coordinator of the Centers for Natural Resources and Development (CNRD) for TU, Nepal

Research Projects

A. Accomplished research projects

1. Damage Assessment and Evaluation of Infrastructures of Tribhuvan University Due To Gorkha Earthquake 2015 ; A Investigation Report To TU (Team Member), 2015
2. Community Based Flash Flood Early Warning System; A Research Report To Department of Hydrology and Meteorology, Babarmahal, Nepal. (Joint Work), 2014
3. Piloting Monitoring System For Early Warning System [EWS] of Landslides In Far West Nepal; A Research Report To Mercy Coprs, Sanepa Nepal (Joint Work), 2014
4. National Position Paper On Horizon 2020 Societal Challenges ; A Research Report To Eu (Joint Work), 2014
5. South Asia Regional Position Paper On Horizon 2020 Societal Challenges ; A Research Report To EU (Joint Work), 2014

B. On-going research projects

1. Understanding the opportunities and challenges of compliance to safe building codes for disaster resilience in South Asia - the cases of Bangladesh and Nepal (2017-2018)