

**IOEGC-16 :: Details of Poster Session - I (Day 1 - April 18, 2025)**

S.N.	Conference ID	Submission ID	Submission Title	Presenting Author	Field
1	PS1-01	228	Development and Analysis of Vermicompost from Animal Waste and Plant Residue using Eisenia Foetida Earthworm	Uttam Prasad Lamichhane	Civil Engineering
2	PS1-02	462	Role of Agriculture Policies in Alleviating Rural Poverty in Nepal	Rupesh Adhikari	
3	PS1-03	75	Assessing the Impact of Urbanization and Climate Change on Urban Flooding: A case of Dhobi khola	Aashray Kapali	
4	PS1-04	247	Impact of Climate Change on the ROR Hydropower: A Case Study of Upper Trishuli 3A Hydropower, Nepal	Nabin Devkota	
5	PS1-05	110	Development and Evaluation of Building Construction Quality Index for Public RC Building Construction in Kathmandu Valley, Nepal	Kshitiz Baral	
6	PS1-06	236	To Pre-identify the Probable Sick Project during the Bid Document Evaluation Phase	Priya Verma	
7	PS1-07	410	A Comparative Analysis of Prevailing and BIM-based Construction Scheduling Process in context of Nepal	Jenisha Maharjan	
8	PS1-08	440	Projected Drought Conditions in Mustang, Nepal: A Quantitative Assessment of Historical and Future SPI Trends Using CMIP6 Models	Apechhya aryal	
9	PS1-09	88	Assessing the Applicability of the Lee and Colley Review Package for Evaluation of EIA Reports in Nepal: A Pilot Study on Building Projects of 2020 in Bagmati Province	Sovit Raj Basnet	
10	PS1-10	455	Assessing the Impact of Land Use Land Cover (LULC) Change on Groundwater Storage in Godawari Municipality	Mukunda Agaasti	
11	PS1-11	220	Efficiency Evaluation of Constructed Wetland Planted with Canna indica For Treatment of Hospital WasteWater	Aakriti Bhattarai	
12	PS1-12	408	Assessment of Groundwater Storage Potential in Western Part of Madhesh Province	Bibek Pandey	
13	PS1-13	352	Emission Calculation and Economic Analysis of different Construction Materials based on Clean Development Mechanism for an apartment building at Pokhara	Shisab Pant	
14	PS1-14	489	Characterization and Impact of Heatwave in Saptari District, Nepal	Anish KC	

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S.N.	Conference ID	Submission ID	Submission Title	Presenting Author	Field
15	PS1-15	514	Energy Conservation Potential of Decentralised Wastewater Treatment Systems in Kathmandu Valley: Comparison of Activated Sludge Wastewater System and Constructed Wetlands	Benison Pradhan	Civil Engineering
16	PS1-16	406	Optimizing Waste Management at Airports: A Case Study of Tribhuvan International Airport's Sustainable Waste-to-Energy Transition	Anil Kumar Gupta	
17	PS1-17	494	Assessment of Potential Factors Influencing Functionality of Community Based Water Supply Projects	Pawan Subedi	
18	PS1-18	54	Spatial Variability of soil properties using geostatistical technique: A case study of Birtamode Municipality, Jhapa Nepal	Suman Thapa	
19	PS1-19	47	Stability Assessment of Surge shaft in Weak Rock mass Conditions- A Case Study of Tanahu Hydropower Project	Amrend Prasad Shah Shah	
20	PS1-20	515	Multi-Criteria Analysis of Spatial and Social Dimensions of Landslide Risk: A Case Study of Sangurigadhi Gaupalika, Dhankuta	Pranish Adhikari	
21	PS1-21	399	Dam Break Induced Flood Hazard Assessment: A Case Study Middle Mewa Hydropower Project	Pujan Gurung	
22	PS1-22	95	Reliability and Availability Evaluation of Peaking Run of River (PRoR) Hydropower Plant Owned by NEA	Bipin Silwal	
23	PS1-23	393	Evaluation of the intake configurations based on trapping efficiency with short transition layout between intake and settling basin using Physical Modeling: A case Study of Seti Khola HEP	Prajwal Poudel	
24	PS1-24	412	Landslide Susceptibility Mapping and Risk Zonation of Netrawati Dabjong Rural Municipality	Ashish Luitel	
25	PS1-25	534	Steady-State Physically-Based Regional Shallow Landslide Hazard Modelling: Model Set-up and Validation in Panauti Municipality, Nepal	Puja Chaudhary	
26	PS1-26	56	Landslide Susceptibility Mapping Using Frequency Ratio and Random Forest Models: A Case Study of the Butwal-Tansen Section, Siddhartha Highway	Sachin Rayamajhi	
27	PS1-27	456	Comparative Analysis of Bivariate, Multivariate Statistical Model and Machine Learning Model for Landslide Susceptibility Mapping in Kaski District	Sagar Adhikari	
28	PS1-28	200	Building Construction Site Safety Framework Using Lean Construction Principles	Jaya Maharjan	

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S.N.	Conference ID	Submission ID	Submission Title	Presenting Author	Field
29	PS1-29	425	Assessment of Factors Affecting the Implementation of Occupational Health and Safety Measures in High Rise Building Projects of Kathmandu	Bidushi Koirala	Civil Engineering
30	PS1-30	208	Assessment of the Current Status of Skilled Workers in the Building Construction Industry within Kathmandu Valley	Baikunth Yadav	
31	PS1-31	451	Seismic Performance Analysis of Diagrid Structural Systems in High-Rise Buildings in Kathmandu Valley	Puskar koirala	
32	PS1-32	210	Seismic Vulnerability Assessment of Traditional Earthen Buildings in Medieval Walled City of Lo Manthang	Subhash Gupta	
33	PS1-33	202	Identification of Risks Associated with Existing Trail Suspended Bridge in Nepal	Sushrut Gautam	
34	PS1-34	97	Performance Evaluation of Steel Moment-Resisting Frames with Varying Beam-Column Joint Rigidities	Ankit Bastakoti	
35	PS1-35	547	Seismic Performance Evaluation of Bridges	Saugat Shrestha	
36	PS1-36	98	Dynamic Behaviour of Machine Foundation Subjected to Harmonic Excitation	Sunil Karki	
37	PS1-37	474	Comparative Analysis of Laterally Loaded Pile Foundation using Beams-on-Elastic Foundation Approach and 2D Numerical Model	Aadarsha Dhakal	
38	PS1-38	443	Comparative Linear and Non-Linear Seismic Response of Shear wall with Openings	Goma Lamichhane	
39	PS1-39	533	Evaluating the Road Development Trends and it's impact on Landslide Susceptibility- A case study of Shivapuri Rural Municipality	Krishna Prasad Silwal	
40	PS1-40	466	Evaluation of Parking Type Preferences Behavior Based on Parking Fare: A Case Study of Patan Dhoka Road, Lalitpur	Surendra Ojha	