

Ananta Man Singh Pradhan

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

610
citations

858243

12
h-index

889612

19
g-index

23
all docs

23
docs citations

23
times ranked

665
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Application of deep neural network to capture groundwater potential zone in mountainous terrain, Nepal Himalaya. <i>Environmental Science and Pollution Research</i> , 2021, 28, 18501-18517. | 2.7 | 35 |
| 2 | An artificial intelligence-based approach to predicting seismic hillslope stability under extreme rainfall events in the vicinity of Wolsong nuclear power plant, South Korea. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 3629-3646. | 1.6 | 2 |
| 3 | Development and Evaluation of Relative Relief Based Soil Thickness Model: A Comparative Study in Hilly Terrain, South Korea. <i>KSCE Journal of Civil Engineering</i> , 2021, 25, 2186-2198. | 0.9 | 2 |
| 4 | Mapping the susceptibility of rainfall and earthquake triggered landslides along Chinaâ€“Nepal highways. <i>Bulletin of Engineering Geology and the Environment</i> , 2020, 79, 587-601. | 1.6 | 17 |
| 5 | Rainfall-Induced Shallow Landslide Susceptibility Mapping at Two Adjacent Catchments Using Advanced Machine Learning Algorithms. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 569. | 1.4 | 33 |
| 6 | Semi-quantitative method to identify the vulnerable areas in terms of building aggregation for probable landslide runout at the regional scale: a case study from Soacha Province, Colombia. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 5745-5762. | 1.6 | 8 |
| 7 | A shallow slide prediction model combining rainfall threshold warnings and shallow slide susceptibility in Busan, Korea. <i>Landslides</i> , 2019, 16, 647-659. | 2.7 | 53 |
| 8 | An ensemble landslide hazard model incorporating rainfall threshold for Mt. Umyeon, South Korea. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 131-146. | 1.6 | 21 |
| 9 | GIS-based landslide susceptibility model considering effective contributing area for drainage time. <i>Geocarto International</i> , 2018, 33, 810-829. | 1.7 | 9 |
| 10 | Spatial model integration for shallow landslide susceptibility and its runout using a GIS-based approach in Yongin, Korea. <i>Geocarto International</i> , 2017, 32, 420-441. | 1.7 | 24 |
| 11 | Spatial data analysis and application of evidential belief functions to shallow landslide susceptibility mapping at Mt. Umyeon, Seoul, Korea. <i>Bulletin of Engineering Geology and the Environment</i> , 2017, 76, 1263-1279. | 1.6 | 56 |
| 12 | Development and Application of Urban Landslide Vulnerability Assessment Methodology Reflecting Social and Economic Variables. <i>Advances in Meteorology</i> , 2016, 2016, 1-13. | 0.6 | 9 |
| 13 | A new approach to temporal modelling for landslide hazard assessment using an extreme rainfall induced-landslide index. <i>Engineering Geology</i> , 2016, 215, 36-49. | 2.9 | 47 |
| 14 | Shallow Landslide Susceptibility Modeling Incorporating Rainfall Statistics: A Case Study from the Deokjeok-ri Watershed, South Korea. <i>International Journal of Erosion Control Engineering</i> , 2016, 9, 18-24. | 0.5 | 6 |
| 15 | Evaluation of a combined spatial multi-criteria evaluation model and deterministic model for landslide susceptibility mapping. <i>Catena</i> , 2016, 140, 125-139. | 2.2 | 82 |
| 16 | Shallow landslide hazard modeling by incorporating heavy rainfall statistics and quasi-dynamic wetness index: a case study from Korean mountain. <i>Japanese Geotechnical Society Special Publication</i> , 2016, 2, 1012-1016. | 0.2 | 5 |
| 17 | Application and comparison of shallow landslide susceptibility models in weathered granite soil under extreme rainfall events. <i>Environmental Earth Sciences</i> , 2015, 73, 5761-5771. | 1.3 | 36 |
| 18 | Spatial Landslide Susceptibility Modeling of Deokjeok-ri Creek Using Index of Entropy Method and Its Validation in Karisan-ri Creek. , 2014, , . | | 0 |

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|----|--|-----|-----------|
| 19 | Relative effect method of landslide susceptibility zonation in weathered granite soil: a case study in Deokjeok-ri Creek, South Korea. <i>Natural Hazards</i> , 2014, 72, 1189-1217. | 1.6 | 103 |
| 20 | Predictive Capability of Deterministic and Statistical Models in Weathered Granite Soil Watershed. , 2014, , 507-512. | | 1 |
| 21 | The relationship between geology and rock weathering on the rock instability along Muglingâ€Narayanghat road corridor, Central Nepal Himalaya. <i>Natural Hazards</i> , 2013, 66, 501-532. | 1.6 | 29 |
| 22 | Use of different bivariate statistical landslide susceptibility methods: A case study of Khulekhani watershed, Nepal. <i>Journal of Nepal Geological Society</i> , 0, 44, 1-12. | 0.2 | 27 |