

1. Kumar, S., Agarwal, A., **V. Govind Kumar Villuri**, Pasupuleti, S., Kumar, D., Kaushal, D.R., Gosain, A.K., Bronstert, A. and Sivakumar, B., 2021. Constructed wetland management in urban catchments for mitigating floods. Stochastic Environmental Research and Risk Assessment, pp.1-20. **(I.F.-2.351)**
2. Agrawal, P., Sinha, A., Kumar, S., Agarwal, A., Banerjee, A., **V. Govind Kumar Villuri**, Annavarapu, C.S.R., Dwivedi, R., Dera, V.V.R., Sinha, J. and Pasupuleti, S., 2021. Exploring Artificial Intelligence Techniques for Groundwater Quality Assessment. Water, 13(9), p.1172. **(I.F.-2.544)**
3. Khare, R., **V. Govind Kumar Villuri**, Chaurasia, D. and Kumari, S., 2021. Measurement of transit-oriented development (TOD) using GIS technique: a case study. Arabian Journal of Geosciences, 14(10), pp.1-16. **(I.F.-1.327)**
4. Khare, R., **V. Govind Kumar Villuri** and Chaurasia, D., 2021. Urban sustainability assessment: The evaluation of coordinated relationship between BRTS and land use in transit-oriented development mode using DEA model. Ain Shams Engineering Journal, 12(1), pp.107-117. **(I.F.-1.949)**
5. R. K. Singh, A. Soni, S. Kumar, Pasupuleti S., **V. Govind Kumar Villuri**, 2020, "Zonation of flood prone area in integrated framework of hydrodynamic model and ANN", Water Supply, **(I.F.- 0.900)**.
6. R. K. Singh, **V. Govind Kumar Villuri**, Pasupuleti S., Rajesh N., 2020, "Hydrodynamic modeling for identifying flood vulnerability zones in lower Damodar river of eastern India", Ain Shams Engineering Journal*, (published online), <https://doi.org/10.1016/j.asej.2020.01.011>. **(I.F.- 1.949)**.
7. R. K. Singh, M. Pandey, J. H. Pu, Pasupuleti S., **V. Govind Kumar Villuri**, 2020, "Experimental study of clear-water contraction scour", Water Supply, 20 (3), pp.943-952, (published online), <https://doi.org/10.2166/ws.2020.014>. **(I.F.- 0.900)**.
8. R.K. Singh, **V. Govind Kumar Villuri**, Pasupuleti, S., 2019, "Assessment of parameters

and preparation of hydrodynamic model for lower Damodar Basin using geomatic techniques”, *Mausam*, 70, 4, pp. 815-824. DOI: 551.509.331: 556.166. **(I.F. - 0.37)**.

9. **V. Govind Kumar Villuri**, Pasupuleti, S, Kamal Jain, Ajay Gairola and Ravindra K Singh 2018 “Hydrodynamic simulation of a cloudburst event in Asi Ganga Valley of Indian Himalayan region using MIKE11 and GIS techniques” *MAUSAM Journal*, 69(4), pp.523-534. **(I.F-0.467)**.
10. Ashish Soni, Radhakanta Koner and **V. Govind Kumar Villuri**, 2018 “T6-9-Influence of Hyper-parameter In Deep convolution Network using High-resolution satellite data” Springer. **(ICGCE Proceedings-2018)**.
11. Rupali Khare, **V. Govind Kumar Villuri**, D Chaurasia and Supriya P, 2018 “Evaluating Transit Oriented Development using a sustainability framework: Case Study of Bhopal” Springer. **(ICGCE Proceedings-2018)**.
12. Shirsendu Layek, Rajat Kumar Singh, **V. Govind Kumar Villuri**, R Koner, Ashish Soni and Rupali Khare, 2018 “T1-6- 3D Reconstruction: An Emerging Prospect for Surveying” Springer, **(ICGCE Proceedings-2018)**.
13. Singha, S., Pasupuleti, S. and **V. Govind Kumar Villuri**., 2017 “An integrated approach for evaluation of groundwater quality in Korba district, Chhattisgarh using Geomatic techniques.” *Journal of Environmental Biology*, 38(5), pp.865-872. <http://doi.org/10.22438/jeb/38/5/MRN-600> **(I.F.- 0.727)**.
14. Esha Chakraborty, **V. Govind Kumar Villuri**, and Dheeraj Kumar 2014 “Detection of Hazard Prone Areas in the Upper Himalayan Region in GIS Environment” *Int.J.Of Research Engineering and Technology*, Vol-3,pp:141-149.
15. **V. Govind Kumar Villuri**, Kamal Jain and Ajay Gairola 2013 “A Study and Simulation of Cloudburst event Over Uttarkashi Region using River Tool and Geomatic Techniques” *Int.J. of Soft computing and Engineering (IJSCE)*, Vol-3, pp-121-126. **(I.F-1.25)**.

16. **V. Govind Kumar Villuri**, K.Venkata Reddy and Deva Pratap “Updation of Cadastral maps using High Resolution Satellite Data” Int.J.of Engineering and Advanced Technology, Vol-2,Issue-4, pp:50-54, 2013.(**I.F-0.39**).