

Papers Published (2018 - 2019)

April 218

1. **Paper Titled** "IPv6 readiness for CWPRS Network-A steps towards Migration from IPv4 to IPv6" by P.S.Solanki, P.R.Khatarkar published in "International Journal of Computer Science and Network (IJCSN)" Vol.7,Is.02,PP:54-56,IJCSN-2018-7-2-107.
2. Paper Titled "Application of Cloud Computing in Libraries" by Sarvesh Kumar Yadhav published in " Information Communication in Digital Era Present Scenario & Future Perspectives" PP:151-160.
3. Paper Titled "Performance Evaluation of Adaptive Signal processing techniques in Reservoir Bathymetry Data in IJCA Journal" by M. Selva Balan, Dr. CRS Kumar published in "International Journal of Computer Applications".
4. Paper Titled "Revival of dam instrumentation (TTP) of Ukai Dam, Gujarat" by P.D. Kamalasekaran, J.K. Singh, M.S. Bist, Ajay Sonawane published in " ISH Journal of Hydraulic Engineering".
5. Paper Titled "Role of ATG system in the flood protection study of Surat City carried out at the physical hydraulic model at GERI" by M.S. Bist, M. Selva Balan, J.K. Singh, S. Dhayalan published in " ISH Journal of Hydraulic Engineering".
6. Paper Titled "Movement of water flux through unsaturated zones: a transient impact on In-Situ Potential field" by Dr. Rolland Andrade,D. Muralidharan, R.Rangarajan published in " Current Science Journal".

May 2018- Nill

June 2018

7. Dr. Gadge P.P., Jyotiprakash V., Dr. (Mrs) V.V. Bhosekar, "Hydraulic investigation and design of roof profile of an orifice spillway using experimental and numerical models", Journal of Applied Water Engineering and Research, IAHR, 6(2), 85-94.
8. Dr. Gadge P.P., Jyotiprakash V., Dr. (Mrs) V.V. Bhosekar, "Hydraulic design considerations for orifice spillways", ISH Journal of Hydraulic Engineering, 10.1080/09715010.2018.1423579.
9. Dr. V. M. Prabhakar, Ashwini R Patil, Kishor Kumar Swain, Balaji B Mane, Mayur S, Nerkar, Puja C Kharat, "Assesment of Water Quality Index of Indrayani River, Alandi , Pune , Maharashtra", International Journal Of Science Engineering and Technology Resaerch, vol 7, ISS 6, pp 398-402, ISSN; 2278-7798.

July 2018

10. Shri. B. Gopikrishna, M.C. Deo, "Change in Shoreline at Paradip Port, India in response to climate change", International Journal of Geomorphology, 303-255(2018) Doi.org/10.1016 / j.geomorph. 2017.

11. Shri. B Gopikrishna, M.C. Deo, "Sediment transport and shoreline shifts in response to climate change at the tidal inlets of Chilka India, Journal of Engineering for the Maritime Environment, Doi.org/10.1177/1475090217748755

August 2018

12. Dr R. Manivanan, " Estimation of green house gases (GHGs) in fresh water reservoirs with possible impact on climate change" , International Conference on Impact of Climate change on Water Resources, August 2018.

September 2018.

13. . A.Basu, A.A.Purohit, K.A. Chavhan, " A potential measure to reduce siltation in a macro tide dominated partially enclosed dock: A case study", 6th INCHOE Conference, September 2018.

14. Dr. Prabhat Chandra, V.B. Sharma, "Validation of model results with prototype for sedimentation approach channel at Mormugao Port, Goa" 6th INCHOE Conference September, 2018.

15. A.V. Mahalingaiah, V.B. Sharma, Dr. Prabhat Chandra ," Stability of tidal inlet for development of fishing harbour at Alvekodi, Karnataka, India, 6th INCHOE Conference September, 2018.

16. S.Madabhavi, N. Deshpande, S. Ambavane, A.A. Purohit," Development of Mega container terminal- A ,classical boost towards container trade of country", 6th INCHOE Conference September, 2018

17. V.G. Gharat, S. Madabhavi, A.A. Purohit "Development of container terminal at the confluence of Elephanta Deep and Nava creek-A challenging task" 6th INCHOE Conference September, 2018.

18. K.B. Bobade, S.G. Manjunatha, V.N. Katte, " Hydraulic model studies for the development of proposed western dock at Paradip Port, Odhisa, India" 6th INCHOE Conference September, 2018.

19. Jamir S.Bagwan,Prabhakar Chary, H.B.Jagdeesh, T.Nagendra " Development of shallow basin random wave model for kamarajar port-A case study" 6th INCHOE Conference September, 2018.

20. A.A. Purohit, S.P.Jagtap, " Design wave consideration for the development of small craft harbours Of marine under Indian scenario " , 6th INCHOE Conference September, 2018.

21. A.S. Chalawadi, H.B.Jagdeesh, T. Nagendra, " Hydraulic physical model studies for the wave tranquility and direction spread for deep draft multipurpose berth at new Mangalore port-A

case

study" 6th INCHOE Conference September, 2018.

22. R.K.Chuadhari, Santosh Kori, Dr. Prabhat Chandra, "Importance of the wave tranquility studies for

evolving a fishing harbour layout" 6th INCHOE Conference September, 2018.

23. Neethu Mathew, Sagar Chanda, Dr. J.D.Agrawal, "Wave transformation along long navigational

channel", 6th INCHOE Conference September, 2018.

24. H.C.Patil, Sagar Chanda, Dr. J.D.Agrawal, T.Nagendra, "Determination of wave propagation in harbour basin using mathematical model technique", 6th INCHOE Conference September, 2018.

24. R.K.Chuadhari, Dr. Prabhat Chandra, " Optimization of approach channel width for 125000 DWT

LNG carrier", 6th INCHOE Conference September, 2018.

25. Amol Borkar, Dr. Prabhat Chandra, " Numerical wave modelling for development of port-A case

study" 6th INCHOE Conference September, 2018.

26. A.B.Pardeshi, Dr. Prabhat Chandra, Wave simulation to assess adequacy of water transport terminal

- A case study", 6th INCHOE Conference September, 2018.

27. B.L.Meena, Dr.J.D.Agrawal, " Simulation of offshore wave data and inshore wave data using ANN"

6th INCHOE Conference September, 2018.

28. V.D.Kokane, V.K.Shukla, Dr. J.D.Agrawal, T.Nagendra, " Disposal of dredged material at neil island in

A&N island using Mike 21 model" 6th INCHOE Conference September, 2018.

29. Apurva M.Kudale, V.S.Sohoni, B.M.Patil, A.V.Mahalingaiah, "Siltation problem at entrances of fishing

harbours located in inlets-A Review" 6th INCHOE Conference September, 2018.

30. V.K.Shukla, V.D.Kokane, Dr. J.D.Agrawal, T.Nagendra, Physical model studies for establishing a ship

repair facility in mattancherry channel at Cochin Port, Kochi", 6th INCHOE Conference September, 2018.

31. Mandar Vaidya, Anil Purohit, Kanak Karambelkar, "Optimization of the alignment of navigational

channel in shallow coastal waters by FEM", 6th INCHOE Conference September, 2018.

32. Mrs. M.V.Chhatre, Mrs. J.S.Edlabadkar, Dr.(Mrs)Tanushree Samanta, " Geotechnical stability and

settlement analysis for breakwaters at karwar port-A case study" 6th INCHOE Conference September, 2018.

33. Mrs Vaibhavi Roy, S.N.Jha, B.M.Patil, J.Sinha, "Impact of coastal structures on shoreline along west

coast of India", 6th INCHOE Conference September, 2018.

34. A.V.Mahalingaiah, N.V.Gokhale, N.S Ganesh , Dr. Prabhat Chandra, "Studies for restoration of damaged breakwater at outer harbour at Vishakhapatnam Port, India" 6th INCHOE Conference September, 2018.
35. M.D.Kudale, A.V.Mahalingaiah, B.R.Tayade, " Rubble mound breakwaters-Indian Scenario" 6th INCHOE Conference September, 2018.
36. B.R.Tayade, Dr. J.D.Agrawal, "Coastal protection measures for gas pipelines-An Indirect Approach", 6th INCHOE Conference September, 2018.
37. A.K.Singh, M.Karathikeyan, L.R.Ranganath, "Numerical modelling of tidal hydrodynamics and sedimentation for the marina facility at Mandwa, India", 6th INCHOE Conference September, 2018.
38. Parag A Kashyape, H.B.Jadeesh, T. Nagendra, "Simulation of tides in 3-D hydraulic physical multipurpose model" 6th INCHOE Conference September, 2018.
39. Shradhha Agawane, A.K.Singh, L.R.Ranganath, S.N.Londhe, "Impact of coastal structure on hydrodynamic and sedimentation in the vicinity of port", 6th INCHOE Conference September, 2018.
40. Dr. R.Manivanan, Dr. J.D. Agrawal, T.Nagendra, " Simulation of Littoral drift and bed level changes in Chennai Region, Tamilnadu", 6th INCHOE Conference September, 2018.
41. Rupesh Kumar, Kiran Barve, "Assessment of wave energy potential using 3-years offshore wind & wave data near ratnagiri, Maharashtra", 6th INCHOE Conference September, 2018.
42. Payal Chakote, A.K.Singh, L.R.Ranganath, P.R.Dixit, "Mathematical model studies for determining outfall location of hot water discharge from power plant", 6th INCHOE Conference September, 2018.
43. K.H.Barve, Komal S.Vighe, L.R.Ranganath, "Mathematical model studies of wave induced process for the development of a small harbour in an inlet on the coast of India", 6th INCHOE Conference September, 2018.
44. Sagar Chanda, Dr. J.D.Agrawal, H.C.Patil, "Assessment of near shore wave climate using mathematical model-A case study", 6th INCHOE Conference September, 2018.
45. Vivek Dulal, L.R.Ranganath, A.K.Singh, P.S.Kulkarni, "Modelling of coastal sedimentation in gulf of Kouch, Gujarat, India", 6th INCHOE Conference September, 2018.
46. V.B.Sharma, R.S.Chaudhari, Dr. Prabhat Chandra, " Significance of wave and current direction for development of port layout", 6th INCHOE Conference September, 2018.
47. Akhilesh Singh, Naval Jagtap, "Stabilization of estuaries mouth based on hydrodynamic behaviour

and sedimentation pattern", 6th INCHOE Conference September, 2018.

48. Jiweshwar Sinha, Mrs. Shivani Sahu, Anil Bagwan, Mrs. Vaibhavi Roy, "Numerical modelling of suspended sediment transport for restoration of a tidal creek in west coast of India" 6th INCHOE Conference September, 2018.

49. A.V.Mahalingaiah, N.V.Gokhale, N.S Ganesh, Dr. Prabhat Chandra, "Design of coastal protection measures for vertical cliff erosion with cavity formation", 6th INCHOE Conference September, 2018.

50. L.R.Ranganath, A.V.Sriram, M Karthikeyan, "Numerical modelling of sedimentation pattern along Karnataka coast" 6th INCHOE Conference September, 2018.

October, 2018

51. G.Dhanunjaya Naidu, S.Selvan, G.R.Tripathy, L.R.Pattanur, "Probabilistic Seismic Hazard Analysis for Jabalpur area, Madhya Pradesh", Journal of Indian Geophysical Union (JIGU) October, 2018.

52. P.S.Solanki,P.R.Khatarkar,Snehal V.Chaskar, "Cloud computing Technology for Efficient Water Resource Management: a Literature survey", International Journal of Computer Sciences and Engineering (ICSE) October, 2018.

53. Jyothi Prakash, Arkadu, Shyamal Varthini Dinkaran, Dhinesh Ganapathy, Mallavarpu Venkata Ramana Murthy, "Application of GFRP for Unburied submarine pipeline in Shallow Water of coastal islands", ASCE Journal of Pipeline Systems Engineering and Practice October, 2018.

November 2018 -NILL

December 2018

54. V.S.Ramarao, M.R.Bhajantri, V.V.Bhosekar, "Optimization Of Hydraulic Design Of URI-Ii Dam Spillway" in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.

55. Mrunmay Junagade, Kunal Chandale, Shrishti Kenjale, R.R.Bahte, " Analysis of performance of orifice spillway using computational fluid dynamics" in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.

56. S.J.Ghule, P.M.Abdul Rahiman, S.R.Naidu, K.U.Farande, T.K.Sahu, "Surge analysis of long piping line: A case study" in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.

57. V.S.Ramarao,M.R.Bhajantri, Dr. (Mrs)V.V.Bhosekar, K.T. More, " Modification of spillway Ski Jump bucket subjected to higher tail water levels" in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.

5. Prabhat Chandra, S.S.Chavan, "Utility of physical wave model for deepening of inner harbour and approach channel at V.O.Chidambarnar" in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.

58. A.A.Purohit, M.M.Vaidya, K.R.Karambelkar, " Assessment of suitability of dumping sites for the disposal of dredged material in Macro tidal region by Hydro-Dispersive Modeling", in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.
59. Kuldeep Malik, N.A.Sonawane, M.K.Pawar, "Design of bank protection works down stream of Hippargi barrage, Karnataka", in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.
60. K.H. Barve, K.S Vighe, L.R Ranganath, "Numerical model studies to assess wave transmission through array of wave energy converters, with different configurations", in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.
61. Santosh Kori, Prabhat Chandra, "Numerical simulation of wave conditions for Mangrol fishing harbour", in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.
62. R.K.Chaudhari, Santosh Kori, Prabhat Chandra, " Optimization of approach channel layout to the Kamarjar port", in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.
63. J.D.Agrawal, H.C.Patil, Sagar Chanda, "Determination of wave propagation in fishing harbour basin using mathematical models", in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.
64. K.H.Barve, V.K. Pingale, "Optimization of Harbour layout through mathematical modelling", in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.
65. Vaishali P.Gadhe, S.R.Patnaik, M.R.Bhajantri, V.V.Bhosekar, "Physical and numerical modeling of flow pattern near upstream guide wall of Jiagaon dam spillway, Maharashtra" in 22nd International Conference on Hydraulics Water resources and Coastal Engineering (HYDRO-2018) December 2018.