

## BIBLIOGRAPHY

- Lineman, M., Do, Y., Kim, J. Y., & Joo, G. J. (2015). *Talking about Climate Change and Global Warming*. PloS one, 10(9), e0138996.
- Core Writing Team, R.K. Pachauri and L.A. Meyer (eds.). *Climate Change 2014: Synthesis Report. Contribution of Working Groups I, II and III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*. IPCC, Geneva, Switzerland, 151 pp.
- Japan Meteorological Agency (JMA). *Typhoon Occurrence, Approach, Landing, Route*. accessed on May 2020 from <https://www.jma.go.jp/jma/kishou/known/typhoon/1-4.html>
- Ministry of Land, Infrastructure, Transport, and Tourism. *Shigenobu River Water System River Maintenance Basic Policy*. Japan: Shikoku Regional Development Bureau.
- King, Hans. (2014). *River stabilisation with groynes in the Western Cape, South Africa*. Proceedings of the International Conference on Fluvial Hydraulics, RIVER FLOW 2014. 10.1201/b17133-286.
- Wongsa, Sanit. (2015). *Experiment and Simulation of Earthen Embankment Breach*. Journal of Geoscience and Environment Protection. 03. 59-65. 10.4236/gep.2015.310010.
- Mohammadi, Farzad., Mohammadi, Nazani. *Technical Evaluation of the Performance of River Groynes Installed in Sezar and Kashkan Rivers, Lorestan, Iran*. Journal of Applied Environmental and Biological Sciences. 5(11S)258-268, 2015.
- Chung, Seungjoon & Choi, Dongho & Hwang, Gilson & Chung, Jinwook. (2020). *Effect of design factors for groynes on diversification of topography and restoration of ecosystems in straight and meandering streams*. Ecological Engineering. 149. 105764. 10.1016/j.ecoleng.2020.105764.
- Lau, T.W., Afshar, N.R. *Effect of Roughness on Discharge*. UNIMAS e-Journal of Civil Engineering (UeJCE). Vol 4 No 3: December 2013.
- V.T. Chow. *Open Channel Flow*. London: McGRAW-HILL, 11,95,99,136-140,1959.
- Kawabata, Chika & Kadota, Akihiro & Shigematsu, Kazue. (2012). *STUDY ON Groyne Effects For River-Bank Protection In A Steep River*. Journal of Japan Society of Civil Engineers, Ser. B1 (Hydraulic Engineering). 68. I\_829-I\_834. 10.2208/jscejhe.68.I\_829.
- Ministry of Land, Infrastructure, Transport, and Tourism. *Shigenobu River Water System Development Plan*. Japan: Shikoku Regional Development Bureau.
- Budiman, Rizki. (2018). *Simulasi Transpor Sedimen Sungai Progo Di Sekitar Intake Kamijoro (Sediment Transport Simulation In Progo River Around Kamijoro Intake)*. Yogyakarta: Universitas Islam Indonesia.

- Triyadhi, Faris. (2017). *Analisis Numerik Pengaruh Aliran Debris Terhadap Gerusan Lokal Pada Pilar Menggunakan Software Iric: Nays 2dh 1.0 (Model Pilar Kapsul dan Pilar Belah Ketupat)*. Yogyakarta: Univesitas Muhammadiyah Yogyakarta.
- Firdaus, M.Rizki. (2017) *Analisis Numerik Gerusan Lokal Pada Pilar (Studi Kasus Pilar Persegi dan Pilar Lingkaran, Aliran Subkritik)*. Yogyakarta: Universitas Muhammadiyah Yogyakarta.
- Widiansyah, Fadli. (2017). *Analisis Model Numerik Gerusan Lokal Pada Pilar Menggunakan Software Iric: Nays2dh 1.0 (Studi Kasus: Pilar Persegi dan Lingkaran, Aliran Superkritik)*. Yogyakarta: Universitas Muhammadiyah Yogyakarta
- Haque, Masuma. (2018). *Simulation of Flow and Sediment Transport in an Open Channel wih Obstacle using iRIC Nays2DH*. Bangladesh: Khulna Khulna University of Engineering and Technology.
- Ali, Md & Hasan, Md & Haque, Masuma. (2017). *Two-Dimensional Simulation of Flows in an Open Channel with Groin-Like Structures by iRIC Nays2DH*. Mathematical Problems in Engineering. 2017. 10.1155/2017/1275498.
- iRIC. (2013). *Nays2D, International River Interface Cooperative*. Japan: Hokkaido University. accessed from <http://i-ric.org/en/introduction>.
- Rafsanjani, Hardhi.(2017). *Sediment Transport Analysis of Sesayap River, Malinau District, North Kalimantan*. UGM Journal of the Civil Engineering Forum (JCEF). Vol. 3 No. 3 (September 2017)
- Wang, Lijuan. (2017). *Analysis of River Blocking Induced by a Debris Flow*. Hindawi. Geofluids.