

DAFTAR PUSTAKA

- Akan, A. O., 2006, *Open Channel Hydraulics*, Elsevier, Oxford.
- Anoname, 2005, *Laporan Penunjang-Buku 4 Hidrologi-Pekerjaan Survei Investigasi dan Desain Waduk Cipanas Kabupaten Sumedang*. PT. Indra Karya-PT. Wiratman & Associate, Induk Pelaksana Kegiatan Pembangunan Wilayah Sungai Cimanuk Cisanggarung, Cirebon.
- Anoname, 2014, *Laporan Hidrologi dan Hidrometri- Pekerjaan DED dan Model Test Waduk Cipanas, Kabupaten Sumedang*. PT. Indra Karya (Persero), Balai Besar Wilayah Sungai Cimanuk Cisanggarung, Cirebon.
- Badan Standarisasi Nasional, 1994, *SNI 03-3432-1994 tentang Tata Cara Penetapan Banjir Desain dan Kapasitas Pelimpah untuk Bendungan*, Jakarta.
- Brunner, G.W., 2010, *HEC-RAS, River Analysis System User's Manual Version 4.1*, USACE, Institute for Water Resources, Hydrologic Engineering Center, Davis, CA.
- Brunner, G.W., 2010, *HEC-RAS, River Analysis System Hydraulic Reference Manual*, USACE, Institute for Water Resources, Hydrologic Engineering Center, Davis, CA.
- Brunner, G.W., 2010, *HEC-RAS, River Analysis System Application Guide*, USACE, Institute for Water Resources, Hydrologic Engineering Center, Davis, CA.
- Brunner, G.W., 2014, *Using HEC-RAS for Dam Break Studies*, USACE, Institute for Water Resources, Hydrologic Engineering Center, Davis, CA.
- Budiyasa, I. W., 2015, *Simulasi 1-D Banjir Akibat Keruntuhan Bendungan Benel di Kabupaten Jembrana*, Tesis, Magister Teknik Pengelolaan Bencana Alam, Jurusan Teknik Sipil dan Lingkungan, Universitas Gadjah Mada, Yogyakarta.
- Chow, V. T., 1959, *Open Channel Hydraulics*, Mc Graw Hill, New York, USA.

Chow, V. T., Maidment, D. R., dan Mays, L. W., 1988, *Applied Hidrology*, McGraw Hill, New York, USA.

Costa, J. E., 1985, *Floods from Dam Failures*. United States Department of the Interior, Geological Survey, Open-File Report 85-560, Denver, Colorado.

Froehlich, D. C., 2008, Embankment Dam Breach Parameters and Their Uncertainties. *ASCE Journal of Hydraulic Engineering*, vol. 134. No. 12, pp 1708-1721.

Gunduz, O., 2004, *Coupled Flow and Contaminant Transport Modeling in Large Watersheds*. Ph.D. Dissertation, School of Civil and Environmental Engineering, Georgia Institute of Technology, Atlanta, GA, USA, p 467.

Hanson, G. J., Cook, K. R., dan Hunt, S. L., 2005, Physical Modeling of Overtopping Erosion and Breach Formation of Cohesive Embankments, *Trans. ASAE*, vol. 48. No.5, pp 1783-1794.

Istiarto, 2014, *Modul Pelatihan Pemakaian HEC-RAS, Simulasi Aliran 1-Dimensi dengan Bantuan Paket Program Hidrodinamika HEC-RAS*, UGM, Yogyakarta.

Kementerian Pekerjaan Umum, 2011, *Pedoman Teknis Klasifikasi Bahaya Bendungan*, Jakarta.

Kementerian PUPR, 2015, *Peraturan Menteri Pekerjaan Umum dan Perumahan Rakyat Nomor 27/PRT/M/2015 tentang Bendungan*, Jakarta.

Kurniawan, B., 2005, *Analisis Waktu Konsentrasi dan Lag Time*, Tugas Akhir, Jurusan Teknik Sipil, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta.

MacDonald, T. C., dan Langridge, J. M., 1984, Breaching Characteristics of Dam Failures. *ASCE Journal of Hydraulic Engineering*, vol. 110. No. 5, pp 567-586.

Ndun, J.C.R., 2014, *Simulasi 1-D Banjir Akibat Keruntuhan Bendungan dengan Program HEC-RAS 4.1.0 Studi Kasus Embung Tambakboyo, Kabupaten*

Sleman, Provinsi DIY, Tesis, Magister Teknik Pengelolaan Bencana Alam, Jurusan Teknik Sipil dan Lingkungan, Universitas Gadjah Mada, Yogyakarta.

Scharffenberg, W. A., 2103, *Hydrologic Modeling System HEC-HMS User's Manual*, USACE, Institute for Water Resources, Hydrologic Engineering Center, Davis, CA.

Sri Harto, 2000, *Hidrologi Teori Masalah Penyelesaian*, Nafiri, Jakarta.

Sumarno, 2014, *Penyusunan Peta Rawan Banjir Sungai Serayu Hilir Menggunakan HEC-RAS dan Sistem Informasi Geografis*, Tesis, Magister Teknik Pengelolaan Bencana Alam, Jurusan Teknik Sipil dan Lingkungan, Universitas Gadjah Mada, Yogyakarta.

Sujono, J., 1998, Penurunan Hidrograf Satuan dengan Data Hujan Harian. *Media Teknik*, Edisi Februari 1998. No. ISSN 0216-3012, hlm 39-43.

Sujono, J., 2014, *Petunjuk Singkat Aplikasi HEC-HMS*, Jurusan Teknik Sipil dan Lingkungan Fakultas Teknik Universitas Gadjah Mada, Yogyakarta.

Triatmodjo, B., 2013, *Hidrologi Terapan*, Beta Offset, Yogyakarta.

Wahl, T. L., 1998, *Prediction of Embankment Dam Breach Parameters - A Literature Riview and Needs Assessment*. Dam Safety Research Report, DSO-98-004. Water Resources Research Laboratory, U.S. Departement of Interior, Bureau of Reclamation, Dam Safety Office.

Wahl, T. L., 2004, Uncertainty of Predictions of Embankment Dam Breach Parameters. *ASCE. J. Hydraul. Eng.*, vol. 130. No. 5, pp 389-397.

Weibel, R., dan Heller, M., 1991, *Digital Terrain Modelling*, Longman, London.

World Meteorological Organization, 2009, *Manual on Estimation of Probable Maximum Precipitation (PMP)*, WMO, Geneva.

www.webhelp.esri.com/arcgisdesktop/9.2/printBooks_topics.cfm?pid=22,
download tanggal 20 Desember 2015.



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ANALISIS HIDRAULIKA PADA KASUS KERUNTUHAN BENDUNGAN CIPANAS

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Xu, Y., dan Zhang, L.M., 2009, Breaching Parameters for Earthfill and Rockfill Dams. *ASCE Journal of Geotechnical and Geoenvironmental Engineering*, vol. 135. No. 12, pp 1957-1970.