

DAFTAR PUSTAKA

- ArcGIS Resources Center, 2013. *ArcGIS Desktop Help 10.0: Cell Size of Raster Data*. [Online] Available at: <http://help.arcgis.com> [Accessed 26 08 2015].
- Bahri, P., 2012. *Analisa Dampak Aliran Debris dengan Model Numerik*. Tugas Akhir. Yogyakarta: Universitas Muhammadiyah Yogyakarta.
- BAPPEDA Kabupaten Magelang, 2006. *Peta Administrasi Kabupaten Magelang Skala 1:150.000*, Magelang: BAPPEDA Kabupaten Magelang.
- BNPB, 2011. *Peta Lokasi Desa Terdampak Banjir Lahar Dingin Gunung Merapi*. [Online].
- Cook, A. C., 2008. *Comparison of One-Dimensional HEC-RAS with Two-Dimensional FESWMS Model in Flood Inundation Mapping*, Indiana: Purdue University.
- Delson, 2012. *Kajian Lahar Hujan Kali Putih Setelah Letusan Gunung api Merapi 2010*. Tesis. Yogyakarta: Magister Teknik Pengelolaan Bencana Alam, Universitas Gadjah Mada.
- Haile, A. T. & Rientjes, T., 2005. *Effects of LiDAR DEM Resolution in Flood Modelling: A Model Sensitivity Study for The City of Tegucigalpa, Honduras*. Enschede, The Netherlands, International Archives of Photogrammetry, Remote Sensing and Spatial Information Sciences 36, pp. 168-173.
- Hardjosuwarno, S. et al., 2012. *Panduan Pengoperasian Program Simulasi 2D Banjir Debris Veris 1.0.2011*. Yogyakarta: Balai Sabo Yogyakarta.
- Huaxing, B. et al., 2006. *Digital Terrain Analysis Based on DEM*. Higher Education Press and Springer-Verlag.
- Jumadi, 2008. *Pemodelan dan Simulasi Kenaikan Permukaan Air Laut Secara Tiga Dimensi (3D) dengan Menggunakan Data LiDAR (Light Detecting and Ranging)*. Skripsi. Bandung: Program Studi Teknik Geodesi dan Geomatika Fakultas Ilmu dan Teknologi Kebumihan, Institut Teknologi Bandung.
- Kurniawan, A. F., 2012. *Pengaruh Perubahan Digital Elevation Model dalam Simulasi Banjir dengan Software SIMLAR V.1.0*. Tugas Akhir. Yogyakarta: Jurusan Teknik Sipil dan Lingkungan, Fakultas Teknik, Universitas Gadjah Mada.
- Kusumosubroto, H., 2013. *Aliran Debris dan Lahar: Pembentukan, Pengaliran, Pengendapan, dan Pengendaliannya*. 1st ed. Yogyakarta: Graha Ilmu.

- LIN, P.-S., LEE, J.-H. & CHANG, C.-W., 2011. An Application of The Flo-2D Model to Debris-Flow Simulation - A Case Study of Song-Her District in Taiwan. *Italian Journal of Engineering Geology and Environment*, pp. 947-955.
- Merwade, V., Cook, A. & Coonrod, J., 2008. GIS Techniques for Creating River Terrain Models for Hydrodynamic Modeling and Flood Inundation Mapping. *Elsevier*, pp. 1300-1311.
- Nakatani, K. et al., 2011. Development and Application of GUI Equipped 1-D and 2-D Debris Flow Simulator, Applied to Mixed-Size Grains. *Italian Journal of Engineering and Environment*, pp. 735-744.
- Putro, S. H., 2011. *Dampak Bencana Aliran Lahar Dingin Gunung Merapi Pasca Erupsi di Kali Putih*. Yogyakarta, Seminar Nasional Pengembangan Kawasan Merapi Aspek Kebencanaan dan Pengembangan Masyarakat Pasca Bencana.
- Rahardjo, A. P., 2014. *Bahan Kuliah Hydrology and Hydraulics Modelling*. Yogyakarta: Magister Teknik Pengelolaan Bencana Alam, Universitas Gadjah Mada.
- Reswary, A. A. A., 2013. *Aplikasi Program SIMLAR v.1.0 Guna Memetakan Daerah Rawan Banjir Lahar pada Kali Putih*. Tugas Akhir. Yogyakarta: Universitas Muhammadiyah Yogyakarta.
- Rickenmann, D., Laigle, D., McArdell, B. W. & Hubl, J., 2006. Comparison of 2D Debris-Flow Simulation Models with Field Events. *Springer: Computational Geosciences*, pp. 241-264.
- Takahashi, T., 2007. *Debris Flow: Mechanics, Prediction, and Countermeasures*. London: Taylor & Francis Group.
- Tarekegn, T. H. et al., 2010. Assessment of an ASTER-Generated DEM for 2D Hydrodynamic Flood Modeling. *Elsevier: International Journal of Applied Earth Observation and Geoinformation*, pp. 457-465.
- Wechsler, S. P., 2000. *Effect of DEM Uncertainty on Topographic Parameters, DEM Scale, dan Terrain Evaluation*. New York: College of Environmental Science and Forestry, State University of New York.
- Zhao, Z. et al., 2009. Impacts of Accuracy and Resolution of Conventional and LiDAR Based DEMs on Parameters Used in Hydrologic Modeling. *Springer Science+Business Media B.V.*, pp. 1363 - 1366.