



Daftar Pustaka

- Alam, N. (1992). Master Plan of Flood Shelter Functioning as Community Centre for Disaster Management and Rural Development. Thesis. Bangladesh University of Engineering and Technology.
- Alfieri, L., Velasco, D., & Thielen, J. (2011). Flash flood detection through a multi-stage probabilistic warning system for heavy precipitation events. *Advances in Geosciences*, 29, 69-75. doi: 10.5194/adgeo-29-69-2011
- APFM . (2006). Social Aspects and Stakeholder Involvement in Integrated Flood Management. Flood Management Policy Series. Geneva, Switzerland
- Arattano, M., Marchi, L. (2008). Systems and Sensors for Debris-flow Monitoring and Warning.
Sensors. ISSN 1424-8220. dapat diakses melalui www.mdpi.org/sensors
- Borga, M. (2013). Forecasting, early warning and event management: Non-structural protection measures for flash floods and debris flows. In M. Schneuwly-Bollschweiler, M. Stoffel & F. Rudolf-Miklau (Eds.), *Dating Torrential Processes on Fans and Cones* (Vol. 47, pp. 391-398): Springer Netherlands.
- Borga M., Boscolo P., Zanon F., Sangati M. (2007). Hydrometeorological analysis of the 29 August 2003 flash flood in the eastern Italian Alps. *Journal of Hydrometeorology*, 8 (5), pp. 1049-1067.
- Budiarjo, A. (2006). Evacuation Shelter Building Planning fro Tsunami-prone Area; a Case Study of Meulaboh City, Indonesia. Thesis. International Institute for Geo-information Science And Earth Observation, Enschede, The Netherlands.
- Cloke, H. L., & Pappenberger, F. (2009). Ensemble flood forecasting: A review. *Journal of Hydrology*, 375(3–4), 613-626. doi: <http://dx.doi.org/10.1016/j.jhydrol.2009.06.005>
- Chow, V., T. (1956). Hidrologic Studies of Floods in The United States. Symposia



- Darcy : Dijon, 20-26 Septembre 1956. Association Internationale d'Hydrologie Scientifique. Dapat diakses melalui website : <http://hydrologie.org/redbooks/a042/>
- Dekens, J.(2007a). Local Knowledge for Disaster Preparedness: a Literature Review. Kathmandu: ICIMOD (84p.) Dapat diakses pada halaman : http://www.preventionweb.net/files/2693_icimod8fc84ee621cad6e77e083486ba6f9cdb.pdf
- Dekens, J. (2007b). Herders of Chitral: the Lost Messengers? Local Knowledge on Disaster Preparedness in Chitral District, Pakistan. Kathmandu: ICIMOD. Dapat diakses melalui halaman website: http://www.unisdr.org/files/2734_icimod450b36357889b1256d1881b6fc2abfd.pdf
- Drury, J. & Cocking, C., 2007. *The mass psychology of disasters and emergency evacuations: A research report and implications for practice*, Brighton: Univeristy of Sussex. dapat diakses melalui halaman website : <http://www.sussex.ac.uk/affiliates/panic/Disasters%20and%20emergency%20evacuations%20%282007%29.pdf>
- Georgakakos, K., P. (1986). On The Design of National, Real-Time Warning Systems with Capability for Site-Specific, Flash Flood Forecasts. Department of Civil and Environmental Engineering and Iowa Institute of Hydraulic Research. The University of Iowa. dapat diakses melalui alamat :http://amazon.nws.noaa.gov/articles/HRL_Pubs_PDF_May12_2009/HRL_PUBS_201-250/231_ON_THE_DESIGN_OF_NATIONAL.pdf
- Hadisusanto, Nugroho. (2011). Aplikasi Hidrologi. Jogja mediutama:Malang
- Hermawan. (2007). Banjir Bandang di Indonesia. Seri Buku Geologi Teknik. Departemen Energi dan Sumber Daya Mineral.
- IFRC. (2011). Shelter Safety Handbook: Some important information on how to build safer. International Federation of Red Cross & Red Crescent Societies. Geneva. Available at : <http://www.ifrc.org/PageFiles/95526/publications/305400-Shelter%20safety%20handbook-EN-LR.pdf> (diakses 03 April 2015)



- Khan, M.M.I. (1991) The impact of local elites on disaster preparedness planning: the location of flood shelters in northern Bangladesh. *Disasters* 15 (4) 340-354 Available at repository.forcedmigration.org/pdf/?pid=fmo:4448
- Lämmel, G. (2011). Escaping the Tsunami: Evacuation Strategies for Large Urban Areas Concepts and Implementation of a Multi-Agent Based Approach. (PhD Thesis), Technical University of Berlin. Retrieved from http://opus4.kobv.de/opus4-tuberlin/files/3108/laemmel_gregor.pdf
- Liechti, K., Panziera, L., Germann, U., & Zappa, M. (2013). Flash-flood early warning using weather radar data: From nowcasting to forecasting. *Hydrology and Earth System Sciences Discussions*, 10(1), 1289-1331. doi: 10.5194/hessd-10-1289-2013
- Lumbroso, D., Gaume, E., Logtmeijer, C., Mens, M., & Van der Vat, M. (2008). Evacuation and Traffic Management. Integrated Flood Risk Analysis and Management Methodologies. *Floodsite*.
- Lumbroso, D., & Gaume, E. (2012). Reducing the uncertainty in indirect estimates of extreme flash flood discharges, *Journal of Hydrology*, Volumes 414–415, 11 January 2012, Pages 16-30, ISSN 0022-1694, <http://dx.doi.org/10.1016/j.jhydrol.2011.08.048>. (<http://www.sciencedirect.com/science/article/pii/S0022169411006044>)
- Maryono, A. (2005). Menangani Banjir, Kekeringan dan Lingkungan. Yogyakarta: Gadjah Mada University Press.
- Marchi, L., Borga, M., Preciso, E., & Gaume, E. (2010). Characterisation of selected extreme flash floods in Europe and implications for flood risk management. *Journal of Hydrology* 394 (2010) 118-133.
- Mas, E., Adriano, B., & Koshimura, S. (2013). An integrated simulation of tsunami hazard and human evacuation in La Punta, Peru. *Journal of Disaster Research*, 8 (2), 285-295.
- McCall, M.K. (2004). Can Participatory GIS Strengthen Local level Spatial Planning? Suggestions for Better Practice. Dapat diakses melalui halaman website : https://www.itc.nl/library/Papers_2004/n_p_conf/mccall_can.pdf
- McCall, M.K. (2008) Participatory Mapping and Participatory GIS (PGIS) for



CRA, Community DRR and Hazard Assessment. ProVention Consortium, CRA Toolkit, Participation Resources, Geneva. dapat diakses melalui halaman website : <http://www.ppgis.net/wp-content/uploads/2015/06/McCall-2008-ProVention-PGIS-and-CBDRR-Sept08.pdf>

Montz, B.E. Gruntfest, E. (2002). Flash flood mitigation: recommendations for research and applications. Environmental Hazards 4 (2002) 15–22. Dapat diakses melalui halaman website <http://www.evergrunfest.com/pdfs/MONTZgrunfest.pdf> diakses 25 desember 2015

Muste, M., Fujita, I., Hauet, A. (2008). Large-Scale Particle Image Velocimetry for Measurements in Riverine Environments. Water Resources Researchesh, Vol 44, W00D19. doi:10.1029/2008WR006950.

National Weather Service (2012). National Weather Service Manual 10-950. Hydrologic Services Program. Dapat diakses melalui halaman website : <http://www.nws.noaa.gov/directives/>

Nitu, R. & Wong, K. (2010). Instrument And Observing Methods Report No. 102. CIMO Survey on National Summaries of Methods And Instruments For Solid Precipitation Measurement At Automatic Weather Stations. World Meteorological Organization

NOAA. (2005). Floods, The Awesome Power. In U.S Department of Commerce (Ed), Brochure. United States of America: NOAA, National Weather Service.

NOAA (2010). Flash Flood Early Warning System Reference Guide. University Corporation for Atmospheric Research, Denver. Dapat diakses melalui alamat: http://www.meted.ucar.edu/hazwarnsys/haz_fflood.php

O'Connor, E., Goswami, M., & Faulkner, D. Flood Studies Update: Hydrology Analysis Volume III. Derived from Technical Research Report by NUI Galway and JBA Consulting.

Plate, E.J., 2002. Flood Risk And Flood Management. Journal of Hydrology 267,2-11. Elsevier.



- Raghunath, H. M. (2006). Hydrology. New Age International Limited Publishers
- Ramírez, J.A. (2000). Prediction and Modeling of Flood Hydrology and Hydraulics, Chapter 11 of Inland Flood Hazards: Human, Riparian and Aquatic Communities, Cambridge university press, New York.
- Roberds, W. (2005). Estimating temporal and spatial variability and vulnerability. Landslide risk management. Edit by Hunger, Fell, Couture and Eberhardt. Taylor and Francis group, London. pp.129-157.
- Sólyom, Peter B., & Tucker, Gregory E. (2007). The importance of the catchment area-length relationship in governing non-steady state hydrology, optimal junction angles and drainage network pattern. *Geomorphology*, 88(1–2), 84-108. doi: <http://dx.doi.org/10.1016/j.geomorph.2006.10.014>
- Sene, K. (2013). Flash floods : Forecasting and Warning. Springer Netherlands.
DOI 10.1007/978-94-007-5164-4
- Sri Harto. (1993). Analisis Hidrologi. Gramedia Pustaka Utama. ISBN 979-511-235-X
- Sugimoto, T., Murakami, H., Kozuki, Y., & Nishikawa, K. (2003). A Human Damage Prediction Method for Tsunami Disasters Incorporating Evacuation Activities. *Natural Hazards*, 29: 585-600.
- Tim Kajian YPM. (2010). Penelitian Dasar dan Persiapan Untuk Sub Proyek Sistem Peringatan Dini dan Evakuasi Dini di Kabupaten Jember : Indikasi Awal Banjir Bandang di Silo dan Panti. Tim Yayasan Pengabdi Masyarakat (YPM).
- Urbanik, T., Desrosiers, A., Lindell, M. K., Schuller, C.R. (1980). Analysis of techniques for estimating evacuation times for emergency planning zones. Emergency Preparedness Program office of Nuclear Reactor Regulation. U.S. Nuclear Regulatory commission.
- World Meteorological Organization. (2007). Guide to the Global Observing System. WMO-No. 488. WMO, Geneva. ISBN 92-63-13488-3. dapat diakses melalui halaman : http://www.wmo.int/pages/prog/www/OSY/Manual/488_Guide_2007.pdf



- World Meteorological Organization. (2010) .Guidelines on Early Warning Systems and Application of Nowcasting and Warning Operations. WMO/TD-No. 1559, Geneva. dapat diakses pada website : <https://www.wmo.int/pages/prog/amp/pwsp/documents/PWS-21.pdf>
- World Meteorological Organization .(2011). Manual on Flood Forecasting and Warning. WMO-No.1072, Geneva. dapat diakses melalui halaman website :http://www.wmo.int/pages/prog/hwrp/publications/flood_forecasting_warning/WMO%201072_en.pdf
- www.indosiar.com. (2003). Dua Warga Asing Tewas Diterjang Air Bah - Fokus. Diakses pada October 02, 2013, dari halaman website : www.indosiar.com/fokus/dua-warga-asing-tewas-diterjang-air-bah_23423.html
- www.kompas.com. (2012). Waspada, Obyek Wisata Air Terjun Rawan Bencana - Kompas.com. Diakses pada October 02, 2013, melalui halaman website : regional.kompas.com/read/2012/10/17/1122567/Waspada..Obyek.Wisata.Air.Terjun.Rawan.Bencana
- www.suaramerdeka.com. (2015). 12 wisatawan terjebak banjir. diakses pada tanggal 4 Januari 2016, melalui halaman website: berita.suaramerdeka.com/smctak/12-wisatawan-terjebak-banjir/