

## DAFTAR PUSTAKA

- Aber, James S., Irene Marzloff, Johannes B. R. 2010. *Small Format Aerial Photography, Principles, Technique, and Geoscience Applications*. ISBN 9780080932835. Elsevier, The Netherlands.
- Adam, Stuart M and Carol J. F., 2011. *A Survei of Unmanned Aerial Vehicle (UAV) Usage for Imagery Collection in Disaster Research and Management*.
- Badan Informasi Geospasial. 2014. *Peraturan Kepala BIG No. 14 tahun 2014 tentang Pedoman Teknis Ketelitian Peta Dasar*. Badan Informasi Geospasial, Cibinong, Bogor.
- Badan Nasional Penanggulangan Bencana (BNPB). 2013. *Peraturan Kepala BNPB no. 13 tahun 2010 tentang Pedoman Pencarian, Pertolongan dan Evakuasi*. Badan Nasional Penanggulangan Bencana, Jakarta.
- Barreiro, Anxo., Jose M. D., Alejandro J.C.C., Higinio G.J., David Roca, Moncho G.G. 2014. Integration of UAV Photogrammetry and SPH Modelling of Fluids to Study Runoff on Real Terrains. *PLOS ONE: Volume 9 issue 11*.
- Bendea H., P. Boccardo, S. Dequal, F. Giulio Tonolo, D. Marechino, M. Piras, 2008. Low Cost UAV for Post-Disaster Assessment. *IAPRS Proceedings, Vol. XXXVII*. ISSN 1682-1750. Beijing.
- BNPB. 2011. *Panduan Nasional Pengkajian Risiko Bencana Tsunami Indonesia*. Badan Nasional Penanggulangan Bencana, Jakarta.
- Bothe, A.Ch.D., 1929. Djiwo Hills and Southern Range. Fourth Pacific Science Congress Excursion Guide, 14h
- Dewi, Ratna S. 2012. *A-GIS Based Approach of an Evacuation Model for Tsunami Risk Reduction*. *IDRiM-Journal of Integrated Disaster Risk Management*. ISSN: 2185-8322. DOI10.5595/idrim.2012.0023
- Direktorat Jenderal Bina Marga. 1997. *Manual Kapasitas Jalan Indonesia (MKJI)*. Bina Karya, Jakarta.
- Direktorat Bina Sistem Lalu Lintas dan Angkutan Kota. 1998. *Pedoman Perencanaan dan Pengoperasian Fasilitas Parkir*, Direktorat Bina Sistem Lalu Lintas dan Angkutan Kota. Direktorat Jendral Perhubungan Darat, Jakarta. ISBN:979-95401-1-9.
- Direktorat Jendral Perhubungan Darat. 1996. *Pedoman Teknis Penyelenggaraan Fasilitas Parkir*. Direktorat Jendral Perhubungan Darat, Jakarta.
- Drone Mapper. 2012. *UAS Photogrammetry Processing*. [https://dronemapper.com/uas\\_photogrammetry\\_processing](https://dronemapper.com/uas_photogrammetry_processing), diakses tanggal 16 Agustus 2016.
- Federal Aviation Administration (FAA). 2016. *Unmanned Aircraft Systems (UAS) Frequently Asked Questions*. Federal Aviation Administration, USA. <https://www.faa.gov/uas/faq/>, diakses tanggal 25 Mei 2016.
- FEMA. 2009. *Vertical Evacuation from Tsunamis: A Guidelines for Community Officials*. FEMA, NOAA.
- Gibbons, Helen., Guy Gelfenbaum. 2005. Astonishing Wave Heights Among the Findings of an International Tsunami Survei Team on Sumatra. *Sound Waves Monthly Newsletter*, USGS.

- <http://soundwaves.usgs.gov/2005/03/index.html>, diakses tanggal 11 April 2016.
- Hamzah, L., Puspito N. T., Imamura, F. 2000. Tsunami Catalog and Zones in Indonesia. *Journal of Natural Disaster Science, Volume 22, Number 1, 2000, pp 25-43.*
- Handayani, W. 2014, Pemanfaatan Foto Udara Format Kecil untuk Ekstraksi Digital Elevation Model (DEM), Pemodelan Genangan dan Perkiraan Kerugian Akibat Tsunami di Wilayah Pesisir Parangtritis. *Tesis.* Fakultas Geografi Universitas Gadjah Mada, Yogyakarta.
- Heintz, J.A., M. Mahoney. 2009. *Guidelines for Design of Structures for Vertical Evacuation from Tsunami.* Applied Technology Council, California.
- IDS Corporation. *Ground Control Stations*, IDS Ingegneria Dei Sistemi. <https://www.idscorporation.com/drones/ids-drones/item/126-ground-control-stations>, diakses tanggal 16 Agustus 2016.
- Jenkins, Peter. 2005. *GPS/RTK Accuracy & Procedure Report Concerning Ground Control for Aerial Photography.* Office of Land Management Photogrammetric Unit, Department of Transportation Minnesota, United States.
- Kamenev, Marina. 2009. Scores Killed As Tsunami Sweeps Across Samoan Islands.TIME. <http://content.time.com/time/world/article/0,8599,1926834,00>, diakses tanggal 10 Juni 2017
- Kongko, Widjo, Torsten Schlurmann. 2010. The Java Tsunami Model: using Highly-Resolved Data to Model The Past Event and to Estimate The Future Hazard. *Coastal Engineering Preceedings.* DOI: <http://dx.doi.org/10.9753/icce.v32.management.25>, diakses tanggal 10 November 2016.
- Lavigne, F., Gomez, C., Giffo, M., Wassmer. P., Hoebreck, C., Mardiatno, D., Prioyono, J., Paris, R. 2007. Field observations of the 17 July 2006 Tsunami in Java. *Natural Hazards Earth Syst. Sci., 7, 177–183, 2007.*
- Lee, Insu., Jihun Kang, Gabsoo Seo. 2013. Applicability Analysis of Ultra-Light UAV for Flooding Site Survei in South Korea. *IAPRS proceedings, Volume XL-1/W1.* ISPRS Hannover Workshop, Germany.
- Mancini, Francesco., Marco Dubbini, Mario Gattelli, Francesco Stecchi, Stefano Fabbri. 2013. *Using Unmanned Aerial Vehicles (UAV) for High-Resolution Reconstruction of Topography: The Structure from Motion Approach on Coastal Environments.* *Remote Sensing, 5, 6880-6898, ISSN 2072-4292.* doi: 10.3390/rs5126880.
- Marfai, M.A., Suharyadi, R., Mei, E.W., Rosaji, F.S.C. 2014. Analisis Dinamika Pantai dan Wilayah Kepesisiran Rawan Tsunami menggunakan Teknologi Unmaned Aerial Vehicle (UAV). *Laporan Hibah Penelitian Teknologi Tepat Guna Tahun 2014.* LPPM Universitas Gadjah Mada, Yogyakarta
- Marfai, M.A., Suharyadi, R., Mei, E.W., Rosaji, F.S.C. 2015. Aplikasi Teknologi Pesawat Tanpa Awak Untuk Pengurangan Risiko Bencana Tsunami di Wilayah Kepesisiran Pantai Drini Kabupaten Gunungkidul, D.I.

- Yogyakarta. *Laporan Hibah Penelitian Teknologi Tepat Guna LPPM Tahun 2015*. LPPM Universitas Gadjah Mada, Yogyakarta
- Pacific Tsunami Museum. 2014. *What Causes a Tsunami?* [http://tsunami.org/7science/04\\_what\\_causes\\_a\\_tsunami.html](http://tsunami.org/7science/04_what_causes_a_tsunami.html), diakses tanggal 11 April 2016.
- Reid, Anthony. 2012. Historical Evidence for Tsunamis. *Working Paper Series No. 178*. Asia Research Institute, Singapore.
- Republik Indonesia. 2007. *Undang-undang No.24 Tahun 2007 tentang Penanggulangan Bencana*. Kementrian Hukum dan HAM, Jakarta.
- Rhoades, Scott. 2015. *Airplane Turning Tendencies*. <http://allrcflight.com/airplane-turning-tendencies/>, diakses tanggal 22 Juli 2016.
- Rokhmana, C.A. 2012. Potensi Pemanfaatan Penginderaan Jauh dengan Wahana Udara nir-Awak di Industri Tambang dan Migas, *Seminar Nasional Informatika 2012*. Telkom University, Yogyakarta, ISSN: 1979-2328
- Rokhmana, C.A. 2015. The potential of UAV-based Remote Sensing for Supporting Precision Agriculture in Indonesia. *Procedia Environmental Sciences* 24, 2015, 245 – 253. Elsevier.
- Rosaji, F.S.C., Nurteisa, Y.T., Handayani, W.Hidayat, A.H. 2015. Perencanaan, Akuisisi dan Pengolahan Foto Udara menggunakan Teknologi UAV sebagai Alternatif Pemenuhan Data Spasial. *Prosiding PIT MAPIN XX*. Bogor, ISBN: 978-602-97569-1-3.
- Schmidtlein, M.C, Nathan J. Wood, 2014, *Sensitivity of Tsunami evacuation Modeling to direction and landcover assumptions*, Applied Geography, Journal Elsevier, Ltd.
- Spectral Instruments, Inc. 2013., *What Is A CCD?* [http://www.specinst.com/What\\_Is\\_A\\_CCD.html](http://www.specinst.com/What_Is_A_CCD.html), diakses tanggal 15 Agustus 2016.
- Suharyadi, R., Marfai, M.A., Mei, E.W., Rosaji, F.S.C. 2014. Aplikasi Teknologi Pesawat Tanpa Awak untuk Perencanaan Evakuasi Tsunami di Pantai Pulang Syawal (Indrayanti), Kabupaten Gunungkidul, D.I. Yogyakarta. *Laporan Hibah Penelitian Teknologi Tepat Guna*. LPPM Universitas Gadjah Mada, Yogyakarta
- Sutanto. 2013. *Metode Penelitian Penginderaan Jauh*. Badan Penerbit Fakultas Geografi (BPFG), Universitas Gadjah Mada, Yogyakarta. ISBN: 978-602-258-087-4.
- Tampubolon, W., W Reinhardt, 2014, UAV Data Processing for Large Scale Topographical Mapping. *ISPRS proceedings Vol XL-5*. ISPRS Technical Commission V Symposium, Riva del Garda, Italy
- The TDI Community. 2016. *What is Drones?* <http://thedroneinfo.com/what-is-a-drone/>, diakses tanggal 24 Mei 2016.
- USGS. 2013. *Digital Orthophotos, What is the difference between an aerial photograph and a digital orthophoto?* [http://online.wr.usgs.gov/ngpo/doq/doq\\_basics.html](http://online.wr.usgs.gov/ngpo/doq/doq_basics.html), diakses tanggal 17 Agustus 2016.

- USGS. 2014. *Lidar Base Specification*. Chapter 4 of Section B, US. Geological Standards, Book 11, Collection and Delineation of Spatial Data. U.S. Geological Survey, Reston, Virginia.
- Wood, N., Jones, J., Schelling, J., Schmidlein, M. 2014. Tsunami Vertical Evacuation Planning in The US Pacific Northwest as a Geospatial, Multi-Criteria Decision Problem. *International Journal of Disaster Risk Reduction Volume 9, September 2014, Pages 68–83*.
- \_\_\_\_\_. 2013, *Natural Disaster in Asia. Climate Change in Asia*, <http://ejap.org/environmental-issues-in-asia/natural-disasters-asia.html>, diakses tanggal 11 April 2016.
- \_\_\_\_\_. 2016. *Canon Hacker's Development Kit*, <http://hackcanon.com/>, diakses tanggal 15 Agustus 2016.
- \_\_\_\_\_. 2014. Boxing Day tsunami: How the disaster unfolded 10 years ago. Australian Broadcasting Corporation. <http://www.abc.net.au/news/2014-12-24/boxing-day-tsunami-how-the-disaster-unfolded/5977568> , diakses tanggal 10 Juni 2017
- \_\_\_\_\_. 2016. WAVE OF FEAR Dramatic moment 7.4 earthquake rocks Japan sending tsunami pulsing up river and shaking buildings. <https://www.thesun.co.uk/news/2234148/tsunami-hits-eastern-japan-near-fukushima-nuclear-disaster-site-after-magnitude-6-9-earthquake/>, diakses tanggal 10 Juni 2017